How to use this Guide

The information in this Guide is in three main sections.

SECTION ONE

General information > pages 1-44

This section will lead you through the step by step process of enrolling at the University of Otago. These steps include:

• things to consider when choosing your programme of study
• University and programme entry requirements
• creating your eVision account (through which you manage all of your study-related activities from admission to graduation)
• selecting your papers
• paying your fees
• useful information and contacts for University resources and support services

SECTION TWO

Qualifications > pages 45-106

This section details particular qualifications and their required papers (bachelors’,honours, diplomas and masters’ degrees).

SECTION THREE

Paper prescriptions > pages 107-207

This section lists the available papers and provides a short description and content, teaching period and location, and other relevant details such as prerequisites.

AskOtago | Uia Ōtākou

We’re here to help. Search our online knowledgebase at ask.otago.ac.nz or contact us:

Information Services Building
Tel 0800 80 80 98 from New Zealand
1800 46 82 46 from Australia
64 3 479 7000 from outside New Zealand
Email university@otago.ac.nz
Course advice – there’s more to it than you think.

You know what programme and papers you want to take, and have been course approved, so why should you get course advice?

Planning in your first year sets you up for your second, third, fourth, fifth... Get one-on-one advice that’s tailored for you.

Having had your course approved means your course of study meets the regulations. Course advice is about ensuring your course of study is right for you and your goals, and is an opportunity to discuss your choices with the experts.

They can ensure your 2019 course of study is setting you up to complete your qualification in a timely manner, fits with your career aspirations, and that it will get you where you want to go.

It's also an opportunity to find out about other services that are available at the University to allow you to finish your qualification with the skills, knowledge and confidence to tackle life's challenges beyond University.

Course advice is available throughout the year, and at any time during your studies.

Talk to one of our Liaison Team or, once you are on campus, book an appointment with one of our Advisers through AskOtago.

See the Course Advice website for details.

[otago.ac.nz/courseadvice](otago.ac.nz/courseadvice)

Other places to find information

- [otago.ac.nz](otago.ac.nz)
- AskOtago - [ask.otago.ac.nz](ask.otago.ac.nz)
- University publications - [otago.ac.nz/study/publications](otago.ac.nz/study/publications)
- Career Development Centre - [otago.ac.nz/careers](otago.ac.nz/careers)

Academic Orientation Week

Dedicated course advice days are held as part of Academic Orientation Week, and in the week before the start of the second semester. See page 43.
While all reasonable efforts have been made to ensure that the information contained herein is correct at the time of going to press, matters covered by this publication are subject to change. The University reserves the right to introduce changes (including addition, withdrawal or restructuring of papers and programmes) as it may judge to be necessary or desirable. The introduction of some papers and programmes in 2019 is subject to final academic and resource approval.

Throughout this Guide you will find relevant links to information on the University of Otago website otago.ac.nz
This publication provides you with all the information you will need to enrol at the University of Otago. It tells you what you need to do to complete your degree and it lists the papers that are available in 2019. You will need this information to plan your course and complete your application.

This publication also provides information about University life and describes some of the support services that are available at Otago. Please keep this guide handy because it will be a useful resource throughout the year. It should contain all you need to know, but please contact us if you still have any questions.

The University of Otago offers students excellence in teaching and research, an outstanding campus environment, and a large number of support services and recreational opportunities. The University takes pride in the achievements of its staff, students, and graduates.

So whether you are enrolling for the first time or are a returning student, whether you will be studying in Dunedin or elsewhere, we welcome you to the University of Otago and to the unique learning experience that we offer.

Professor Harlene Hayne
Vice-Chancellor
## Important dates

### 2018

**August**
- **Saturday 18**: Graduation ceremony
- **Saturday 25**: Mid-semester break begins
- **Friday 31**: Applications due for first enrolment in Teacher Education programmes in 2019

**September**
- **Saturday 1**: Applications due for Music Performance papers in 2019
- **Monday 3**: Second semester resumes
- **Friday 14**: Last day to withdraw from second semester and full year papers (5pm deadline)
- **Saturday 15**: Applications due for first year courses in Dental Technology, Oral Health and Radiation Therapy, and second year classes in Dentistry, Medical Laboratory Science, Medicine, Pharmacy and Physiotherapy in 2019

**October**
- **Monday 1**: Applications due for second year classes in Law in 2019
- **Friday 12**: Lectures end before second semester examinations
- **Wednesday 17**: Second semester examinations begin
- **Monday 22**: Labour Day

**November**
- **Thursday 1**: Applications due for the third stage of the Bachelor of Social Work programme in 2019
- **Saturday 10**: Second semester examinations end
- **Thursday 15**: Applications due for second year classes in Surveying in 2019

**December**
- **Saturday 8**: Graduation ceremonies
- **Monday 10**: Applications due from all new and recommencing students, and returning students applying for a new programme, commencing in Summer School or first semester subject to the Entry Pathway system in 2019
- **Applications due for first enrolment in most Honours, Postgraduate Diploma and Masters’ programmes in 2019**
- **Wednesday 12**: Graduation ceremonies
- **Saturday 15**: Graduation ceremonies
  - Due date for submission of Summer School papers for course approval

### 2019

**January**
- **Thursday 3**: University reopens
- **Sunday 6**: Latest arrival date for new international students studying at Summer School
- **Enrolment/Orientation seminar for new international students**
- **Monday 7**: Summer School classes begin
  - Due date for completion of course enrolment declaration concerning Summer School papers (a late fee may apply)
- **Friday 11**: Summer School fees due
- **Monday 14**: Last day to add or delete Summer School papers (5pm deadline)
- **Tuesday 15**: Due date for submission of papers for course approval by students taking first semester or full year papers

**February**
- **Monday 4**: Last day to withdraw from Summer School papers (5pm deadline)
- **Wednesday 6**: Waitangi Day
- **Sunday 10**: Fees due for study beginning in the first semester
- **Friday 15**: Summer School classes end
- **Saturday 16**: Summer School examinations begin
- **Monday 18**: Academic Orientation Week commences
  - Enrolment/Orientation activities for new international students (until 22 February)
  - Latest arrival date for new international students studying in first semester
- **Wednesday 20**: Course Advice Day*
- **Thursday 21**: Course Advice Day*
- **Summer School examinations end**
- **Friday 22**: Preliminary lectures for first semester and full year papers
  - Academic Orientation Week ends
  - Due date for completion of course enrolment declaration by students taking first semester and full year papers (late fee may apply)
- **Monday 25**: Formal lectures begin

**March**
- **Friday 1**: Last day to add first semester or full year papers (5pm deadline)
- **Friday 15**: Last day to delete first semester papers with refund of fees (5pm deadline)
- **Friday 22**: Last day to delete full year papers with refund of fees (5pm deadline)
April
Friday 19 Good Friday - Mid-semester break begins
Monday 22 Easter Monday
Tuesday 23 Otago Anniversary Day observed (Dunedin)
Thursday 25 ANZAC Day
Monday 29 First semester resumes

May
Friday 3 Last day to withdraw from first semester papers (5pm deadline)
Saturday 11 Graduation ceremonies
Saturday 18 Graduation ceremonies
Friday 31 Lectures cease before mid-year examinations

June
Monday 3 Queen's Birthday
Wednesday 5 First semester examinations begin
Saturday 15 Applications due from students taking only second semester papers for a programme subject to the Entry Pathway system in 2019
Wednesday 19 First semester examinations end
Tuesday 25 Due date for submission of papers for course approval by students taking only second semester papers

July
Monday 1 Latest arrival date for new international students studying in second semester
Enrolment/Orientation activities for new international students (until Friday 5 July)
Thursday 4 Course Advice Day*
Monday 8 Second semester begins
Due date for completion of course enrolment declaration by students taking only second semester papers (late fee may apply)
Wednesday 10 Fees due for second semester only enrolments
Friday 12 Last day to add second semester papers (5pm deadline)
Friday 26 Last day to delete second semester papers with refund of fees (5pm deadline)

August
Saturday 17 Graduation ceremony
Saturday 24 Mid-semester break begins
Saturday 31 Applications due for first enrolment in Teacher Education programmes in 2020

September
Sunday 1 Applications due for Music Performance papers in 2020
Monday 2 Second semester resumes
Friday 13 Last day to withdraw from second semester and full year papers (5pm deadline)
Sunday 15 Applications due for first year courses in Dental Technology, Oral Health and Radiation Therapy, and second year classes in Dentistry, Medical Laboratory Science, Medicine, Pharmacy and Physiotherapy in 2020

October
Tuesday 1 Applications due for second year classes in Law in 2020
Friday 11 Lectures end before second semester examinations
Wednesday 16 Second semester examinations begin
Monday 28 Labour Day

November
Friday 1 Applications due for the third stage of the Bachelor of Social Work programme in 2020
Saturday 9 Second semester examinations end
Friday 15 Applications due for second year classes in Surveying in 2020

December
Saturday 7 Graduation ceremonies
Tuesday 10 Applications due from all new and recommencing students, and returning students applying for a new programme, commencing in Summer School or first semester subject to the Entry Pathway system in 2020
Applications due for first enrolment in most Honours, Postgraduate Diploma and Masters’ programmes in 2020
Wednesday 11 Graduation ceremonies
Saturday 14 Graduation ceremonies
Sunday 15 Due date for submission of Summer School papers for course approval

2020
January
Friday 3 University reopens
Monday 6 Summer School classes begin
Due date for completion of course enrolment declaration concerning Summer School papers (late fee may apply)
Tuesday 14 Due date for submission of papers for course approval by students taking first semester or full years papers

Notes
1. Applications from first year and transferring PhD and Masters’ (thesis) students may be accepted throughout the year.
2. Teaching periods, examination periods and holiday dates for Teacher Education, Dentistry, Medicine, Pharmacy, Physiotherapy, and some postgraduate courses may differ from the above. Please contact the appropriate School or Department for more information.

* to be confirmed. See otago.ac.nz/news/events/keydates closer to the date for further information.

otago.ac.nz/news/events/keydates
See the Academic Key Dates page for a current list
Enrolling at Otago

To enrol at Otago you must complete the following process.

**THINGS TO CONSIDER >>>**

1. **Are you eligible for admission to the University?**
   To be eligible for admission you must:
   - meet the age requirement (be at least 16 years old by the first day of classes in your period of study)
   - hold (or expect to gain) a university entrance qualification
   - meet language requirements

   See pages 8-12 or otago.ac.nz/study/entrance
   Applies to: New students

2. **What do you want to study?**
   Otago offers a wide range of study options. Things to consider are:
   - what you intend to study including your programme, specialisation (major subject or endorsement (if applicable), minor subject), and paper choices
   - where you intend to study
   - when you intend to start.

   See pages 13-14 or otago.ac.nz/courses/qualifications
   Applies to: All students

3. **What are the programme entry requirements?**
   Different types of programmes have different entry requirements.
   - General bachelors’ degrees are subject to the Entry Pathway system
   - Specialised bachelors’ degrees have their own specific entry requirements, restricted choice of papers and admission procedures.

   See pages 15-18 or otago.ac.nz/study/planning
   Applies to: New or recommencing students; returning students applying for a new programme

**APPLICATION >>>**

4. **What are the application due dates?**
   While you can start the application process via eVision as early as May, you must submit your application by certain due dates.
   Make sure to take note of the due date that applies to the programme you’re interested in – some programmes will not accept late applications.

   See page 21 or otago.ac.nz/study/enrolment/important-dates
   Applies to: New or recommencing students; returning students applying for a new programme

5. **Creating your eVision account**
   eVision is the University’s student management system, and is your one-stop shop for study-related information.
   To create your eVision portal go to otago.ac.nz/courses/qualifications select the programme you wish to take, click the button and provide the required details.

   See page 22 or otago.ac.nz/courses/qualifications or log into evision.otago.ac.nz
   Applies to: New students

6. **Complete and submit your application**
   To continue with your application log into your eVision portal
   - Under My programmes and papers:
     - Click Complete application (new students)
     - Click Apply for another programme (existing students)
   - Complete the steps until appears
   - Submit your application

   See page 22.23 or otago.ac.nz/study/enrolment/submitting
   Applies to: New and recommencing students; returning students applying for a new programme

Need further help? Contact AskOtago

ask.otago.ac.nz
Information Services Building
0800 80 80 98
university@otago.ac.nz
Select and submit your papers

eVision will guide you through the process of selecting papers. Once you’ve selected your papers, and applied for any special or departmental permission you may need, submit your paper selection for course approval.

See pages 27-29 or otago.ac.nz/study/enrolment/selecting-papers
Applies to: All students

Course approval

Your paper selection will be reviewed and you will be advised via your eVision portal whether your paper selection has been approved or if any changes are required.

See page 30 or otago.ac.nz/study/enrolment/course-approval.html
Applies to: All students

Complete the declaration

To finalise your enrolment you must complete the course enrolment declaration via eVision.

See page 31 or otago.ac.nz/study/enrolment/declaration.html
Applies to: All students

PAYMENT OF FEES

Arrange payment of your fees

You can find all the information you need to organise payment in the Finance section of your eVision portal.

See pages 32-33 or otago.ac.nz/study/fees
Applies to: All students

A new student is someone who has never previously enrolled at Otago. A returning student is someone who was enrolled at Otago in 2016 and/or 2017. A recommencing student was last enrolled at Otago in 2015 or earlier.

Additional information

otago.ac.nz/courses/qualifications
otago.ac.nz/courses/subjects
otago.ac.nz/courses/papers
otago.ac.nz/courseadvice
Are you eligible for admission to the University?

This section outlines the admission requirements for new students.

Criteria for admission

To be eligible for admission at a New Zealand university you must:

• meet the age requirement – you must be at least 16 years old by the first day of classes in your period of study
• hold a university entrance qualification
• meet language requirements (see page 12).

Note: Students enrolling for Foundation Studies or solely for Interest Only are not required to hold a University Entrance qualification.

University entrance qualifications

The following tables describe the minimum requirements which must be met in order to be considered for admission to a New Zealand university. To be offered a place at Otago you must also meet entry requirements for your chosen programme (see page 15). If you have previously undertaken tertiary study, your admission will also be subject to the Academic Progress Policy.

University admission vs programme entry requirements

A university entrance qualification is essential for admission to the University. However, not all students with a university entrance qualification will necessarily be admitted. Programme entry requirements must also be met before an offer of place is made.
New Zealand secondary school entrance qualifications

NCEA – National Certificate in Educational Achievement
To be eligible for admission in this category, you must achieve the University Entrance standard through NCEA Level 3.

2014 onwards
• NCEA Level 3, and
• 14 credits at Level 3 in each of three subjects from the approved list
You must also meet literacy and numeracy requirements:
• Literacy: 10 credits at Level 2 or above in standards from the specified list, with at least 5 credits in reading and 5 credits in writing
• Numeracy: 10 credits at Level 1 or above, made up of
  - achievement standards – specified achievement standards available through a range of subjects, or
  - unit standards – package of three numeracy unit standards (26623, 26626, 26627 – all three required).
Refer to nzqa.govt.nz/qualifications-standards/awards/university-entrance for approved subjects and literacy/numeracy standards.

2004-2013
14 credits in each of two approved subjects plus 14 additional credits in no more than two domains or approved subjects; literacy (4 credits in approved reading and 4 credits in approved writing at Level 2 or above); numeracy (14 credits in Maths or Pāngarau).

CIE – Cambridge International Examinations
Admission ad eundem statum at entrance level
To be eligible for admission in this category, you must achieve:
• at least 120 points on the UCAS Tariff system, with a grade of D or better at AS or A level in syllabuses from at least three different syllabus groups, which are broadly equivalent to the NCEA approved list.
Literal and numeracy requirements:
• an E grade or better in any one of AS English Language, AS Literature in English or AS Language and Literature in English, and a D grade or better in IGCSE or GCSE Mathematics; or
• as for entrance through NCEA.

IB – International Baccalaureate
(Studied in New Zealand)
Admission ad eundem statum at entrance level
To be eligible for admission in this category, you must achieve the IB Diploma (24 points minimum).
Literal and numeracy requirements:
• you must have completed the diploma with English as the language at Higher or Standard level in Language A: literature or Language A: language and literature, or at Higher level in Language B, together with any mathematics subject.

University Entrance (UE)/Bursary or Scholarship Examinations/Unit Standards
To be eligible in this category, you must have achieved:
1993-2003: either
• at least three C passes in Bursary plus Higher School Certificate; or
• an A or B Bursary; or
• a combination of Bursary passes and NQF or NCEA credits at Level 3 or above
1987-1992: four individual subject passes with D grades or better
Before 1987: aggregate total of 160 marks in four subjects
Before 1986: University Entrance (UE) by examination or accrediting

Other
Please contact AskOtago (see page 44) for details on Entrance via other New Zealand school qualifications (e.g. New Zealand Certificate of Steiner Education).
Overseas secondary qualifications

Admission ad eundem statum at entrance level

To be eligible for admission in this category, you must have achieved one of the following:

Australian secondary school ranking
- ATAR of 74 or above, or
- OP of 12 or below

A Levels: General Certificate of Education
- at least 3 results (excluding General Studies) at A level with at least one of these at C grade or above.

IB – International Baccalaureate (studied overseas)
- the IB Diploma (24 points minimum).

Other overseas entrance qualifications
- an approved overseas entrance qualification other than those specified above (e.g. US High School Diploma together with acceptable SAT scores). Contact AskOtago (see page 44) for more advice on specific qualifications.

Note: A non-refundable administration fee will normally be charged for applications under the Overseas Secondary Qualifications category.

Prior tertiary study

If you have studied overseas or at another New Zealand tertiary institution, the University will consider your admission based on previous academic performance. Your previous records will be assessed under the Academic Progress Policy (see page 40) as if you had been enrolled at the University of Otago. The possibilities for this type of admission are listed below. Copies of supporting documentation (e.g. transcripts) must be supplied when you apply.

You have previously studied at, or are transferring from, another New Zealand university
- Your entrance qualification will normally transfer from that university.

You have a tertiary degree
- Admission ad eundem statum at graduate level
- You may be considered for admission at graduate level if you have completed a degree or equivalent qualification overseas or at a non-university tertiary institution in New Zealand.
- Note: A non-refundable administration fee will normally be charged for applications under this category.

You have studied towards a tertiary qualification
- Admission ad eundem statum on the basis of tertiary level passes
- You may be considered for admission if you have university-level passes from overseas institutions, or non-university tertiary institutions in New Zealand.
- Note: A non-refundable administration fee will normally be charged for applications under this category.

Recognition of Prior Learning (RPL)
- You can seek RPL credit on the basis of non-credentialled learning, only in Māori Studies or Surveying. Please contact the relevant School.
- Note: A non-refundable administration fee will normally be charged for applications under this category.

International students

If you are an international student, contact the International Office for specific advice on admission requirements or visit [otago.ac.nz/international](http://otago.ac.nz/international)
Admission from Foundation Studies

Admission ad eundem statum at entrance level

You may be eligible for admission if you have completed the University of Otago’s Foundation Studies Certificate, or another approved Foundation Studies programme in New Zealand. Contact AskOtago for advice on approved programmes, or to check if your intended Foundation Studies programme is suitable for admission.

Note: A non-refundable administration fee will normally be charged for applications under this category.

Special Admission - 20 years of age or over

You may be eligible for admission in this category if you:

• are aged 20 years or over on the first day of classes in the teaching period you wish to begin study
• are a New Zealand citizen, or
• are a New Zealand permanent resident or an Australian citizen or permanent resident, studying in New Zealand
• do not otherwise qualify for admission
• meet language requirements (if your first language is not English or Māori). See table on page 12.

Notes: If you are applying for programmes subject to the Entry Pathway system there are some extra requirements when applying for Special Admission. Please see page 17 for further information.

If you do not meet the normal age requirements but are otherwise adequately prepared for university study you may, in exceptional circumstances, apply for Special Admission. Restrictions may apply.

Special Admission is not available to international students.

A non-refundable administration fee will normally be charged for applications under this category.

Discretionary Entrance – under 20 years of age

You may be eligible for admission under Discretionary Entrance (on the basis of NCEA Level 2 or equivalent results or other academic achievement), if you are:

• a New Zealand citizen or permanent resident, or
• an Australian citizen or permanent resident (you must have completed your most recent year of schooling in New Zealand), and
• under 20 years of age on the first day of classes in the teaching period you wish to begin study, and
• not otherwise qualified for admission.

The normal minimum criteria are:

• a minimum of 80 NCEA credits at Level 2 or higher with at least 16 credits in each of your top 4 subjects.
Each of these subjects should also include some merit and/or excellence credits. Three subjects must be from the approved list; and

• literacy and numeracy requirements as for NCEA

You will need to provide a personal letter of application. A supporting letter of recommendation from your school is also required if you are applying directly from secondary school.

> Discretionary Entrance if you have completed the equivalent of Year 13 overseas

If you have completed your Year 13 overseas you may be considered for Discretionary Entrance. You will need to provide evidence as outlined above and confirmation of your exchange. This could be in the form of a certificate showing the completion of an approved exchange programme or a letter from your overseas secondary school.

> Discretionary Entrance and NCEA Level 3

You cannot be considered for Discretionary Entrance to take first semester or full year papers if you have sought admission on the basis of NCEA Level 3 or equivalent or are undertaking Year 13 study beyond 1 June in the year immediately preceding enrolment. However you may apply to start in the second semester.

> Discretionary Entrance and Summer School

You may be considered for Discretionary Entrance if you wish to take Summer School papers. If you do not gain University Entrance via NCEA Level 3 or equivalent in the January immediately after application, you must withdraw from the University at the end of the Summer School. You may apply for re-admission in the second semester or subsequently.

Notes: Discretionary Entrance is not granted automatically. You will need to show you are capable of undertaking university study, either by NCEA Level 2 or equivalent results, or other academic achievement (normally one semester of successful full-time academic study at NQF Level 4).

A non-refundable administration fee will normally be charged for applications under this category.

Applicants wishing to take the not-for-credit Jumpstart Physics course do not need to apply for Discretionary Entrance as enrolment in this course is separate from your application for formal university study.
Language requirements

If you are seeking admission to the University you must be competent in the use and understanding of written and spoken English.

You fulfil language requirements if you meet the admission criteria for:

- NCEA*
- University Entrance (via Bursary or older New Zealand UE qualifications)
- Discretionary Entrance
- CIE – Cambridge International Examinations*
- IB – International Baccalaureate*
- Australian secondary school ranking.

*Students studying NCEA, CIE and IB in New Zealand cannot use results from tests such as IELTS or TOEFL.

If you do not meet the criteria for any of these methods of admission, and your first language is not English or Māori, you must normally provide results in one of the assessment methods listed in the table below.

- The minimum entry requirements listed below form part of the matriculation requirements for admission to the University. Admission to some courses may require higher levels of attainment.
- Other evidence of language proficiency may be considered to satisfy the admission requirements and will be evaluated on a case-by-case basis.
- The University does not accept responsibility for academic failure which can be attributed to a student’s lack of competence in English.

### English language requirements

<table>
<thead>
<tr>
<th>Assessment method</th>
<th>Undergraduate requirements</th>
<th>Postgraduate requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCEA National Certificate in Educational Achievement</td>
<td>10 Level 2 credits in approved literacy (5 in reading, 5 in writing)</td>
<td>10 Level 2 credits in approved literacy (5 in reading, 5 in writing)</td>
</tr>
<tr>
<td>IELTS International English Language Testing System</td>
<td>6.0 in academic module (with no individual band below 6.0)</td>
<td>6.5 in academic module (with no individual band below 6.0)</td>
</tr>
<tr>
<td>TOEFL (paper based) Test of English as a Foreign Language</td>
<td>550 – Test of written English 4.5</td>
<td>587 – Test of written English 4.5</td>
</tr>
<tr>
<td>TOEFL (internet based) Test of English as a Foreign Language</td>
<td>80 (with a writing score of 20)</td>
<td>95 (with a writing score of 22)</td>
</tr>
<tr>
<td>CPE Cambridge Certificate of Proficiency in English</td>
<td>Overall score of 176 with no individual band below 169</td>
<td>Overall score of 176 with no individual band below 169</td>
</tr>
<tr>
<td>University of Otago Language Centre ‘English for Otago’</td>
<td>Successful completion of ‘English for Undergraduate Academic Purposes’ paper</td>
<td>Successful completion of ‘English for Postgraduate Academic Purposes’ paper</td>
</tr>
<tr>
<td>CAE Cambridge Certificate in Advanced English</td>
<td>Overall score of 176 with no individual band below 169</td>
<td>Overall score of 176 with no individual band below 169</td>
</tr>
<tr>
<td>NZUEBS New Zealand University Entrance Bursaries and Scholarships</td>
<td>English mark of 46% or higher</td>
<td>English mark of 46% or higher</td>
</tr>
<tr>
<td>CIE Cambridge International Examinations</td>
<td>Grade E or better in AS English</td>
<td>Grade E or better in AS English</td>
</tr>
<tr>
<td>IB International Baccalaureate</td>
<td>English as the language at Higher or Standard level in Language A: Literature or Language A: language and literature, or at Higher level in Language B</td>
<td>English as the language at Higher or Standard level in Language A: Literature or Language A: language and literature, or at Higher level in Language B</td>
</tr>
<tr>
<td>Pearson Test of English (PTE) Academic skills</td>
<td>Overall score of 58 with no communicative skills score below 50</td>
<td>Overall score of 64 with no communicative skills score below 57</td>
</tr>
<tr>
<td>University of Auckland English Language Academy (ELA) pathway programmes</td>
<td>Successful completion of the English Pathway for Undergraduate Studies (EPUS) with a C Grade</td>
<td>Successful completion of the English Pathway for Postgraduate Studies (EPPS) with a B Grade</td>
</tr>
<tr>
<td>University of Auckland Foundation Certificate in English for Academic Purposes (FCertEAP)</td>
<td>Successful completion of the certificate with a C Grade</td>
<td>Successful completion of the certificate with a B Grade</td>
</tr>
</tbody>
</table>
THINGS TO CONSIDER

What do you want to study?

THINGS TO CONSIDER

2  With so many possibilities to choose from it can be challenging deciding which subject to study, or what qualification will be best to help you achieve your goals.

THINGS TO CONSIDER >>>

What subjects are you interested in and/or are good at?
See page 50 for a list of subjects available at Otago, or
otago.ac.nz/courses/subjects

Are you aiming for a particular career?
Talk to one of our experts who can help match your career aspirations with a qualification at Otago.
otago.ac.nz/courseadvice

Do you have a particular degree and/or major subject in mind?
See page 46 for a list of qualifications and page 50 for a list of subjects available at Otago, or
otago.ac.nz/courses/qualifications
otago.ac.nz/courses/subjects

Need advice?
Course advice is about ensuring you have the information and guidance you need to get the most from your studies.
It’s a chance to talk through your course of study – planning what you want to study, helping you choose the degree and papers that are right for you, and making sure you have the right combination of papers to meet regulations.
It’s also an opportunity to find out about other services that are available at the University to allow you to finish your qualification with the skills, knowledge and confidence to tackle life’s challenges beyond University.
Course advice is available throughout the year, and at any time during your studies. See the Course Advice website for details.
otago.ac.nz/courseadvice
The University offers over a hundred different qualifications grouped into the following categories: bachelors’ degrees, honours degrees, and postgraduate programmes.

**General bachelors’ degrees**
A general bachelor’s degree is a first or undergraduate degree which normally takes at least three years of full-time study (or the equivalent in part-time study). For a list see page 15.

Every degree (with two exceptions – see below) needs a minimum of 360 points (typically twenty 18-point papers) and usually has a pyramid structure (e.g. 180 points at 100-level, 108 points at 200-level, and 72 points at 300-level). Most require the selection of one or more major subjects and many allow minor subjects as well. There is generally a wide range of papers to choose to enable you to tailor the programme to your areas of interest.

Exceptions to the normal pattern are two four-year degrees: the Bachelor of Arts and Science degree, which requires at least 480 points and two major subjects – one from those available for BA and one from those available for BSc or BAppSc; and the Bachelor of Physical Education degree, which requires 504 points.

Admission to these programmes is by way of the Entry Pathway system (see pages 15-17).

[otago.ac.nz/study/enrolment/general-bachelors](otago.ac.nz/study/enrolment/general-bachelors)

**Specialised bachelors’ degrees**
Specialised bachelors’ degrees usually relate to a particular field of study and have their own specific entry requirements and individual admissions procedures. They generally have a restricted choice of papers associated with their particular subjects and structures. For a list see page 15.

For some specialised bachelors’ degrees, admission to the programme is at first year level. For others, admission is at second year level (or sometimes even third year), with the initial year of study normally consisting of a first year course that is subject to the Entry Pathway system. For example, if you wish to enrol for the Bachelor of Pharmacy programme, you will initially apply for the Health Sciences First Year course, and will then apply to be admitted to the Bachelor of Pharmacy programme in your next year of study.

If you are considering applying to one of the specialised degree programmes, you should check the specific requirements for admission in the regulations for your intended programme on the University’s website or in the University Calendar.

[otago.ac.nz/study/enrolment/specialised-bachelors](otago.ac.nz/study/enrolment/specialised-bachelors)

**Honours degrees**
In most subjects, the honours degree is a postgraduate degree, requiring an additional year of study after you have completed a general three-year bachelor’s degree (e.g. BA/BA(Hons)). Honours degrees usually involve more papers in the major subject of your degree, and a research report or dissertation.

In other cases (particularly professional programmes), the honours degree is an undergraduate degree requiring additional work but taking no longer than the corresponding general degree.

All honours programmes have specific entry requirements. For more information see [otago.ac.nz/study/honours-degrees](otago.ac.nz/study/honours-degrees)

**Postgraduate study**
The University offers a wide variety of other postgraduate programmes:
- Postgraduate Certificates (especially in Health Sciences disciplines)
- one-year Postgraduate Diplomas
- Masters’ degrees (see [otago.ac.nz/masters/handbook](otago.ac.nz/masters/handbook))
- Doctor of Philosophy (PhD) (see [otago.ac.nz/study/phd](otago.ac.nz/study/phd))
- other doctoral degrees

Further information about postgraduate study can be obtained from the relevant school or department or online from:
- [otago.ac.nz/courses/qualifications](otago.ac.nz/courses/qualifications)
- [otago.ac.nz/postgraduate](otago.ac.nz/postgraduate)

**Graduate diplomas**
Graduate diplomas require at least one further year of study after you have completed your bachelor’s degree. Most of the required papers are normally at undergraduate level, with at least 72 points above 200-level.

At Otago, most graduate diploma students study for the Diploma for Graduates (DipGrad).

For more information see [otago.ac.nz/courses/qualifications](otago.ac.nz/courses/qualifications)

**Certificate of Proficiency**
If you wish to take a paper that is additional to your degree requirements, or not being credited to a University of Otago qualification, or repeat a paper you have already passed to obtain a higher grade, you may be permitted to enrol for that paper for Certificate of Proficiency (COP). It is not a formal qualification and a physical certificate is not awarded.

Application processes for papers at undergraduate level and due dates are as for general degree programmes.
THINGS TO CONSIDER

Check your programme’s entry requirements

In addition to holding a University Entrance qualification (see pages 8-11), you will need admission to a specific programme or group of programmes, or be eligible to continue in those programmes, to be able to enrol in each year of study.

Admission to your programme depends on whether it is:

• a general undergraduate programme or course subject to the Entry Pathway system
• a specialised bachelor's degree programme
• a postgraduate programme.

The entry requirements that apply to programmes under the Entry Pathway system are detailed on page 16.

Specialised bachelors’ degree programmes have their own specific entry requirements and admission procedures. They generally have a restricted choice of papers associated with their particular subjects and structures.

For information on the programme entry requirements for specialised bachelors’ degrees see [link to website].

Postgraduate programmes are normally for students who have already completed a bachelor's degree. They also have their own specific entry requirements. See [link to website].

All students, both domestic and international, fall into one of the following categories:

• new students (never previously enrolled at the University of Otago)
• returning students (enrolled at the University of Otago in 2017 and/or 2018)
• recommencing students (last enrolled at the University of Otago in 2016 or earlier)

New international students should contact the International Office for advice on admission to their intended programmes.

New and recommencing domestic students will be assessed for admission under the Entry Pathway system except when applying for specialised qualifications which have their own specific entry requirements.

All returning students may normally enrol again, subject to the standard provisions of the University's Academic Progress Policy and the admission regulations for the specific programmes they are applying for.

General bachelors’ degrees and other programmes and courses subject to the Entry Pathway system

Bachelor of Applied Science (BAppSc)
Bachelor of Arts (BA)
Bachelor of Arts and Science (BASc)
Bachelor of Biomedical Sciences (BBiomedSc)
Bachelor of Commerce (BCom)
Bachelor of Health Sciences (BHealSc)
Bachelor of Music (MusB)
Bachelor of Performing Arts (BPA)
Bachelor of Physical Education (BPhEd); no new enrolments
Bachelor of Science (BSc)
Bachelor of Theology (BTheol)
Bachelor of Laws (LLB) (first year only)
Certificate of Proficiency (COP) for undergraduate papers
Diploma in Language (DipLang)
Diploma in Global Cultures (DipGlobalC)
Health Sciences First Year
Social Work Pre-Professional Surveying First Year other intermediate courses

For due dates see pages 4-5.

Specialised bachelors’ degrees

Bachelor of Dental Surgery (BDS)
Bachelor of Dental Technology (BDentTech)
Bachelor of Education (BEd) (TESOL endorsement only)
Bachelor of Education Studies (BEdSt)
Bachelor of Laws (LLB)
Bachelor of Medical Laboratory Science (BMLSc)
Bachelor of Medicine and Bachelor of Surgery (MB ChB)
Bachelor of Oral Health (BOH)
Bachelor of Pharmacy (BPharm)
Bachelor of Physiotherapy (BPhys)
Bachelor of Radiation Therapy (BRT)
Bachelor of Social Work (BSW)
Bachelor of Surveying (BSurv)
Bachelor of Teaching (BTchg)

For due dates see pages 4-5.
Entry Pathways

Admission to general undergraduate programmes and courses for new and recommencing domestic students is by way of the Entry Pathway system.

There are two pathways:

• Preferential Entry which guarantees a place for high-calibre students (subject to gaining a university entrance qualification and fulfilling minimum age and language requirements), and

• Competitive Entry

It is expected that the majority of students admitted through the Entry Pathway system will achieve entry via the Preferential Entry pathway. As long as enrolment patterns remain similar to previous years, a reasonable number of places will also be available via the Competitive Entry pathway.

The selection process includes an enhanced admission system for Māori and Pacific applicants. Particular consideration may also be given to applications from prospective students with disabilities if they supply the relevant information on the form provided for that purpose, available on request from AskOtago (see page 44).

Preferential Entry

Preferential Entry is available under the categories below. Those who have previously undertaken substantial study at tertiary level will normally be considered on the basis of their tertiary GPA rather than their secondary school results.

In addition to the categories below, application must be made to the University by:

• 10 December 2018 for study commencing in the Summer School or first semester
• 15 June 2019 for study commencing in the second semester

Preferential Entry automatically converts to a guaranteed place at Otago when you also meet university entrance requirements (including minimum age and language requirements). If you don’t have Preferential Entry when you first apply you may qualify later when your examination results become available or you accept a place in a residential college.

The University may in limited circumstances agree to grant Preferential Entry to any applicant who does not meet any of the criteria below but who has achieved an appropriate standard in other recognised qualifications or study, or who has otherwise demonstrated strong ability to achieve to a high standard in study at the University.

Requirements for gaining Preferential Entry

> No previous tertiary study undertaken

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>NCEA</td>
<td>NCEA Level 2 with merit or excellence gained in Year 12 or earlier, or</td>
</tr>
<tr>
<td></td>
<td>NCEA Level 3 with merit or excellence, or</td>
</tr>
<tr>
<td></td>
<td>NCEA Entry Score of 140 or above (see page 18)</td>
</tr>
<tr>
<td>CIE – Cambridge International Examinations</td>
<td>CIE Entry Score of 140 or above (see page 18)</td>
</tr>
<tr>
<td>IB – International Baccalaureate</td>
<td>Diploma awarded with 26 points or more</td>
</tr>
<tr>
<td>Australian qualifications</td>
<td>ATAR of 80 or above</td>
</tr>
<tr>
<td></td>
<td>OP of 10 or below</td>
</tr>
<tr>
<td>Older NZ qualifications</td>
<td>University Entrance by accrediting and/or an A or B Bursary or Scholarship</td>
</tr>
<tr>
<td>Other</td>
<td>Accepted a place in a residential college owned by or affiliated to the University of Otago, or Accepted a University of Otago undergraduate scholarship, or Māori applicant, or a Pacific applicant of Polynesian, Melanesian, or Micronesian descent, who has not previously studied at a tertiary institution but who holds or is studying towards a New Zealand university entrance qualification (you may be required to provide verified evidence of your iwi affiliations and/or of family ancestry originating from at least one relevant Pacific nation).</td>
</tr>
</tbody>
</table>

> Previous tertiary study undertaken

<table>
<thead>
<tr>
<th>Category</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Previous Otago study</td>
<td>GPA of 4 (B-) for your most recent equivalent two full-time years of tertiary study</td>
</tr>
<tr>
<td>Previous study at other New Zealand or overseas university</td>
<td>GPA of 4 (B-) for your most recent equivalent two full-time years of tertiary study</td>
</tr>
<tr>
<td>Previous study at a non-university tertiary institution</td>
<td>Considered on a case by case basis depending on the programme and level of study</td>
</tr>
</tbody>
</table>
**Competitive Entry**

New and recommencing students who cannot initially be placed on the Preferential Entry pathway will be placed on the Competitive Entry pathway.

If you don’t meet the criteria to transfer to the Preferential Entry pathway (see more information in the box to the right) you will remain on the Competitive Entry pathway and will be competing against other applicants. Applicants will be ranked primarily according to academic performance and will be offered places, in order of priority, if there are places available (subject to meeting minimum university entrance, age and language requirements).

Applications for admission via Special Admission or Discretionary Entrance will be considered under the Competitive Entry pathway only. See page 11 for more details on Discretionary Entrance.

**Special Admission**

If you are applying via Special Admission to undertake a general degree programme you must normally provide a brief curriculum vitae containing details of any work experience or other activity undertaken which you feel may help us assess your suitability for admission to the University, and information (and, where possible, supporting documentation) in relation to any qualifications held.

In addition, you will be asked to provide an essay of between 500-600 words on a topic that will be provided by the University. Instructions will be sent for the essay once you’ve submitted an application.

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**Entry Pathways**

From Competitive to Preferential

If you’re placed on the Competitive Entry pathway when you first apply you may qualify to be switched to the Preferential Entry pathway as further information becomes available (for example, when your examination results become available or you accept a place in a residential college). If this occurs, you will be notified via eVision.

It is expected that the majority of students will ultimately meet the criteria for Preferential Entry.
Entry scores

For most students being considered under the Entry Pathway system, an entry score is calculated, based on results for examinations taken in their final year at secondary school. These scores will be used to determine eligibility for Preferential Entry or rankings for Competitive Entry.

> Calculating your NCEA entry score

- Your entry score will be calculated using your 80 best credits in up to five University Entrance subjects taken at Level 3 (achievement standards only).
- No more than 24 credits in any subject can be used in the entry score calculation. Credits will be weighted according to the level of attainment.
- If you achieve fewer than 80 credits at Level 3 or above in up to five University Entrance subjects, the entry score will be based on the credits achieved.

The entry score will be calculated by awarding points as follows:
- Excellence 4 points; Merit 3 points; Achieved 2 points

Example of entry score for an NCEA Level 3 student

<table>
<thead>
<tr>
<th>Subject</th>
<th>Level</th>
<th>Subject Units</th>
<th>Grade</th>
<th>Tariff points</th>
<th>Entry score</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>A</td>
<td>2</td>
<td>B</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>AS</td>
<td>1</td>
<td>B</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>AS</td>
<td>1</td>
<td>B</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>AS</td>
<td>1</td>
<td>C</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>AS</td>
<td>1</td>
<td>D</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>French*</td>
<td>AS</td>
<td>1</td>
<td>D</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

* In this example, French is not included as only 6 subject units may be used to calculate the entry score.

Example of entry score for a student studying for CIE

<table>
<thead>
<tr>
<th>Subject</th>
<th>Level</th>
<th>Subject Units</th>
<th>Grade</th>
<th>Tariff points</th>
<th>Entry score</th>
</tr>
</thead>
<tbody>
<tr>
<td>English Language</td>
<td>A</td>
<td>2</td>
<td>B</td>
<td>100</td>
<td></td>
</tr>
<tr>
<td>Physics</td>
<td>AS</td>
<td>1</td>
<td>B</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Biology</td>
<td>AS</td>
<td>1</td>
<td>B</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>Chemistry</td>
<td>AS</td>
<td>1</td>
<td>C</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Mathematics</td>
<td>AS</td>
<td>1</td>
<td>D</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

Entry score 270

Note: Excellence and Merit credits are counted first, then Achieved credits as required to a maximum of 80 credits. In this example, only 33 of the Achieved credits may be counted.

Specialised degrees, honours degrees and postgraduate qualifications

If you are seeking admission for the first time to a programme that has its own specific entry requirements, you will not be assessed under the Entry Pathway system. Instead, you should check the specific requirements in the regulations for your intended programme on the University’s website or in the University Calendar.

otago.ac.nz/courses/qualifications

otago.ac.nz/about/official-documents/calendar

In many cases the numbers of students who can be admitted are limited, and in all cases selection is primarily on the basis of academic merit.

Depending on the programme, applicants will be assessed on the basis of their school record (programmes with admission at first year), or on their standard of achievement in one or more years of university study (e.g. the Health Sciences First Year course for professional degrees in Health Sciences, or a completed degree for postgraduate study).

In some cases, an audition or the submission of a portfolio of work or a research proposal might be required. Admission is subject to approval by the relevant Pro-Vice-Chancellor or Admissions Committee.
Programme structure

THINGS TO CONSIDER

While some degrees, such as Bachelor of Teaching, or the Health Sciences programmes usually have a set programme of papers, within the general bachelors’ degrees (e.g. BA, BSc, BCom) there are many different ways to put a programme of study together.

Major subjects and endorsements

For many qualifications the name of the degree or diploma shows the area of specialisation (e.g. LLB, BPhy) and there may be restricted choice or even no choice in the papers taken.

For many others, however, the title of the qualification is more general (e.g. BA, BSc) but there is a choice of specialisations called either major subjects or endorsements.

With a few exceptions, most general bachelors’ degrees need to have at least one major subject, which is the subject chosen as your main area of study.

In most general bachelors’ degrees there is a requirement to take additional papers in addition to the papers required for your major subject, to achieve the necessary 360 points to complete the programme. These papers can often come from outside the major subject you have selected.

Double majors

‘Double major’ refers to the situation where requirements for two major subjects are included in a bachelor’s degree programme.

Two separate sets of 300-level papers are required but there may be some overlap of papers at 100- and 200-level. A double major programme may require more than 360 points in some cases, and can extend beyond three years. A double major typically requires an increase in the number of 300-level papers from four to eight (which can involve a demanding workload if they are all taken in one year of study).

Varying numbers of compulsory papers are needed for major subjects, but if two separate groups of nine papers are needed for two major subjects, then those 18 papers plus two further papers will satisfy the degree requirements in most cases. Some combinations of subjects, particularly if minor subjects are also taken, might mean that more than 20 papers are needed.

Double majors produce a greater depth of knowledge in specific areas, but may reduce the variety of papers included in a programme. You are strongly recommended to seek advice before enrolling in a double major programme.

Minor subjects

In addition to a major subject, it is possible to have one or more lesser specialisations in other subjects recognised as minor subjects in BA, MusB, BPA, BTheol, BSc, BAppSc, BCom, BHealSc, or BASc programmes.

A minor subject need not be one normally associated with the degree concerned (e.g. Management may be taken as a minor subject in a BA programme). The requirements for minor subjects are on pages 98-105.

A minor subject generally involves a set of five papers worth 90 points, with at least three papers above 100-level, including one at 300-level. You cannot count papers towards both a major and a minor unless they are compulsory for both subjects at 100- or 200-level.

Double degree programmes and cross credits

It is often possible to study for two degrees concurrently in a double degree programme. In such cases, it is normally possible to cross credit (share) several papers between the two qualifications, so your overall workload is reduced. You may cross credit up to:

- 126 points between two three-year degrees (e.g. BSc, BCom)
- 180 points between a three-year and a four-year degree (e.g. BCom, BPhEd)
- 234 points between two four-year degrees (e.g. BPhEd, LLB)

Credit for study elsewhere

If you have successfully undertaken studies at another tertiary institution, you may be eligible for credit towards an Otago degree. For further information contact AskOtago.

Workload

A full-time course is generally between 54 (usually three papers) and 72 points (usually four papers) in any one semester or 108 and 144 points in any one year. If you intend to enrol for papers worth more than 162 points in a year, or 90 points in a semester, you must get permission from the Pro-Vice-Chancellor of the Division concerned.

In general, 1 point represents 10 hours of formal instruction or independent study, which can be a combination of lectures, tutorials, laboratories, assignments and reading. Some professional, honours and postgraduate programmes may differ from this.

Any course with a workload of fewer than 54 points in any one semester or 108 points in any one year is considered part-time. Part-time students are not normally eligible to receive student allowances.

Timetable

It is also important to consider your timetable when choosing papers to study. Timetable information for each paper is available on the paper page on the website via otago.ac.nz/courses/papers

The University Web Timetable Viewer is available via otago.ac.nz/study/study-timetables
**Interest Only**

Interest Only enrolment enables you to attend certain classes for your own general interest without undertaking any form of assessment or receiving any result or credit. It is not normally available if you are also taking courses for credit in the same enrolment period.

If you are enrolled for Interest Only you will normally be permitted to attend lectures only and would not normally attend tutorials, practical classes, or laboratories. You will not submit any assignments or sit any tests or final examinations.

If you wish to apply for a paper for Interest Only enrolment in 2019 you should contact AskOtago for assistance with completing the application process. Further information is available at [otago.ac.nz/study/entrance/interestonly](http://otago.ac.nz/study/entrance/interestonly).

---

**Summer School**

Summer School, which will run from 7 January to 21 February 2019, offers you an opportunity to broaden, redirect or speed up your degree programme, or to pursue a particular interest. Many papers are unique to Summer School, while others are core components of degree programmes.

See page 208 for a list of Summer School papers. Further information is also available at [otago.ac.nz/summerschool](http://otago.ac.nz/summerschool).

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**University of Otago International School**

The Otago International School is a unique opportunity to study the New Zealand environment and culture, while also enjoying the special "town and gown" experience that the University of Otago offers. The School provides a short-term study option for international students which is timed to coincide with the northern hemisphere summer.

For more information including application dates and process [otago.ac.nz/internationalschool](http://otago.ac.nz/internationalschool).

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**Need help? See AskOtago**

[ask.otago.ac.nz](http://ask.otago.ac.nz)

Information Services Building

Tel 0800 80 80 98 from New Zealand

1800 46 82 46 from Australia

64 3 479 7000 from outside New Zealand

Email university@otago.ac.nz
THINGS TO CONSIDER

Check application due dates

It is important to apply for admission by the due date for your intended programme.

**Application due dates**

First time enrolments for new and recommencing students, and returning students applying for a new programme(s)

*A number of qualifications have earlier application dates than for general degree programmes and for some, late applications may not be considered.*

**Undergraduate**

<table>
<thead>
<tr>
<th>Date</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>31 August</td>
<td>Teacher Education programmes (first year)</td>
</tr>
<tr>
<td>15 September</td>
<td>Bachelor of Dental Technology (first year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Oral Health (first year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Radiation Therapy (first year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Dental Surgery (second year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Medicine and Bachelor of Surgery (second year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Medical Laboratory Science (second year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Physiotherapy (second year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Pharmacy (second year)</td>
</tr>
<tr>
<td>1 October</td>
<td>Bachelor of Laws (second year)</td>
</tr>
<tr>
<td></td>
<td>Bachelor of Social Work (third stage)</td>
</tr>
<tr>
<td>15 November</td>
<td>Bachelor of Surveying (second year)</td>
</tr>
<tr>
<td>10 December</td>
<td>New and recommencing students, and returning</td>
</tr>
<tr>
<td></td>
<td>students applying for a new programme commencing in</td>
</tr>
<tr>
<td></td>
<td>Summer School or first semester subject to the Entry</td>
</tr>
<tr>
<td></td>
<td>Pathway system</td>
</tr>
<tr>
<td>15 June</td>
<td>Students taking only second semester papers for a programme</td>
</tr>
<tr>
<td></td>
<td>subject to the Entry Pathway system</td>
</tr>
</tbody>
</table>

**Postgraduate**

<table>
<thead>
<tr>
<th>Date</th>
<th>Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 December</td>
<td>Postgraduate Honours</td>
</tr>
<tr>
<td></td>
<td>Postgraduate Diplomas and Certificates</td>
</tr>
<tr>
<td></td>
<td>Masters’ degrees</td>
</tr>
<tr>
<td></td>
<td>No specific due dates</td>
</tr>
<tr>
<td></td>
<td>Doctor of Philosophy (PhD)</td>
</tr>
</tbody>
</table>

For further information about postgraduate study see:

- [otago.ac.nz/ study/ honours_degrees](https://otago.ac.nz/ study/ honours_degrees)
- [otago.ac.nz/ study/ masters](https://otago.ac.nz/ study/ masters)
- [otago.ac.nz/ postgraduate](https://otago.ac.nz/ postgraduate)
- [otago.ac.nz/ study/ phd](https://otago.ac.nz/ study/ phd)

If you are applying to enrol for the first time in a postgraduate or specialised degree programme with its own selective entry requirements, the due date for applications might be earlier than for applications to later years of the programme or for general degree programmes.

A **new student** is someone who has never previously enrolled at Otago.

A **returning student** is someone who was enrolled at Otago in 2017 and/or 2018.

A **recommencing student** was last enrolled at Otago in 2016 or earlier.
Create your eVision account

eVision is the University’s student management system through which you will complete all the steps in the application and enrolment processes.

5 Create your eVision account

If you’ve never applied to or studied at Otago

• Start at the Qualifications webpage otago.ac.nz/courses/qualifications/apply and select the programme you wish to take.
• When you’re ready, click the button, which is displayed only while a programme is open for applications, to begin your application. This will take you to the initial eVision login screen.
• Select and provide the requested details. The University will use the email address you provide to contact you. You will receive a message acknowledging your application to create a portal. This will be followed by an email to confirm that you now have access to your portal, using the email address and password you have provided.

If you are a returning or recommencing student or have previously applied to study at Otago

You should already have an eVision account and should use that one. If you’re not sure, follow the process to create a new account (see left) and we will contact you if you already have a login.

6 Complete your application

If you’re a new student

To complete your application, log into your eVision portal and click on Complete application.

You’ll be presented with a number of steps and instructions (see next page). Complete each step until a check mark appears in the circle on the left-hand side. You may need to upload additional information such as evidence of previous study. For more details about submitting documents see page 25.

When the instruction changes from Complete this step to Review this step it means you have completed the step but are still able to edit the information. Once you submit the application, you won’t be able to edit the information until your application has been processed.

If you are a returning or recommencing student

If you want to add a new programme, log into your eVision portal. Go to My programmes and papers (see right) and click Apply for another programme to provide the information for your application.

Major and minor subjects

Most general bachelors’ degree programmes require you to select a major subject. It’s not necessary to select more than one. You may also specify one or more minor subjects, but it’s not normally mandatory to do so.

Help

If you have a query on a section click on the ? in eVision for more details.
You need to complete all of the steps below using the yellow buttons then submit your application.

Steps
When the yellow button changes from Complete this step to Review this step you have completed the step but are still able to edit the information if needed.

Submit your application
In the last section of the application you will be asked to agree to a formal declaration. The declaration is a legal statement that you will abide by the University’s rules. Once you have read and agreed, you can submit your application, which is ready for processing by the University. A message will appear on screen confirming that your application has been submitted.
University and Programme Admission

Once you have submitted your application you have started the enrolment process at Otago. Your application will now be assessed by the University for admission.

7 University Admission

University staff will process each new student’s application for University Admission, which includes:

- verifying your identity and citizenship/residency status
- checking whether you hold or are eligible for a University Entrance qualification
- checking that you meet minimum age and language requirements.

You’ll be contacted via eVision and/or the email address you used when you applied, if you need to provide any additional information or documentation.

If you are still at school and expecting to gain University Entrance through NCEA, CIE or IB, in most cases the University will receive your results automatically when they are released. However, you may still need to provide evidence of identity or other information.

You will be able to see the status of your application for University Admission and/or any Entry Pathway programmes under My University admission and My Programmes and Papers.

You’ll be informed of the outcome of your application via eVision.

8 Programme Admission

The department responsible for your programme will assess your application against the admission criteria and may request further supporting documentation through your eVision portal.

You will normally either: receive an offer of a place in your chosen programme(s), or be placed on the Competitive Entry pathway to await further consideration or assessment. Your place may be conditional upon providing further information, completing further steps, or gaining University Admission.

It is important that you respond to any offer you receive. Accepting your offer will allow you to proceed to course enrolment.

Keep informed

Both steps 7 and 8 are completed by the University and you will be advised of the outcome via your eVision portal. To see if there have been any updates to your application, check whether the University has sent you an alert.

Communications from the University in relation to your application will be sent via eVision and/or to the email address you used when you applied. Returning or recommencing students will be contacted via their student email address.

Through your eVision portal you can check the progress of your application and find out if there is anything further you need to do such as providing additional supporting information.

It is important that you check eVision and your email throughout the application process.
If you’re asked to provide supporting documents

In the majority of cases, the University will use your National Student Number to collect the information it needs to identify you. However, this is not always possible.

If you’re new to Otago

If the University is unable to match your details against the National Student Index (NSI), you may be asked to provide physical certified documentary evidence of your name, date of birth, and citizenship or residency status.

If you’re a New Zealand or Australian citizen, and have never changed your name, an original or certified copy of one of the following will normally provide all the information required:

- the page of your passport showing your name and other details
- your citizenship certificate
- your birth certificate (if born in New Zealand)

A copy of your driver’s licence will not be accepted as it does not provide evidence of your citizenship or residency status.

If you’re not a New Zealand or Australian citizen, and have never changed your name, certified copies of both of the following will provide all the information required:

- the page of your passport showing your name and other details, and
- your residence visa/permit or student visa, or an original or certified copy of a statement from Immigration New Zealand confirming your citizenship and residency status.

Have you changed your name?

If the name on the NSI, your birth certificate, passport, or citizenship certificate differs from your current name, or the name in which you gained any qualifications relevant to your admission, you must also provide an original or certified copy of one or more of the following as formal evidence of each change:

- Marriage or civil union certificate
- Certificate of dissolution of marriage or civil union
- Deed poll
- Statutory declaration issued by a Registrar of Births, Deaths and Marriages

Note: Any document concerning a change of name must include both your previous name and the new name.

Have you studied at other tertiary institutions?

If you have been at another tertiary institution you should upload your transcript via your eVision portal when you apply, or as soon as possible after results become available.

As Otago cannot normally request records from other institutions on behalf of students and cannot match this information on the NSI, it is your responsibility to provide your transcript. If you have completed papers at a tertiary institution you may apply for credit on the basis of passes achieved; a fee is charged for such applications. Submit your application via the ‘My Details’ section in eVision once you have been accepted for enrolment.

Submitting your documents

You can submit any identification documents at AskOtago or you can post them to The Manager, Admissions and Enrolment, University of Otago, PO Box 56, Dunedin 9054.
Complete course enrolment

Course enrolment is completed through eVision and applies to all students, whether you’re new to Otago, a recommencing or returning student enrolling for a new programme or continuing with the same programme.

9 Provide annual details

> Review current information
While eVision allows you to update, or request changes to your personal and contact details (e.g. name, citizenship, email address) at any time, you are given the chance to review this information during course enrolment.

> Information required for 2019 study
The University must also collect ‘Information required for study’ annually for the New Zealand Government and/or University purposes. Answering these questions is mandatory and can cover such things as your study address and emergency contact details.

If you’re an international student studying in New Zealand, you will need to answer additional questions about your Visa and apply for StudentSafe travel and health insurance.

Study address
It is important that you confirm your study address so we can contact you if needed.
To start paper selection select Course Enrolment in your eVision portal then under Paper selection click then Select papers.

If you are enrolling for more than one programme, complete the selection of papers for one programme before going back to select papers for the next. Only submit for course approval once you have selected papers for all your programmes.

This is where you select the papers for your course. eVision will show the required papers for your major.

Note: You only need to select the papers you are studying in 2019.

Click on View. This will show a table with the details of each paper.

To add the paper to your selection click on Add against each paper you wish to select.

As you select papers, eVision automatically enforces paper selection rules, such as checking you have completed any prerequisite papers. A pop-up window will appear when you do not meet the conditions to select a particular paper and will explain why.

Taking a prerequisite for a paper in the same year

If you are taking a prerequisite for a second semester paper in the first semester, ensure you select the prerequisite first to allow eVision to apply the paper selection rules correctly.
As you select your papers they will appear in the right hand section under **Selected Papers**.

If you wish to remove any papers click on the **Remove** next to the relevant paper.

Once you are happy with your selection click **Continue**. Select continue until you get to the **Review and submit** page.

---

**Need advice?**

Book an appointment with an adviser.

[otago.ac.nz/courseadvice](otago.ac.nz/courseadvice)

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**Know what papers you want to take but having trouble with the process?**

Contact AskOtago

[ask.otago.ac.nz](ask.otago.ac.nz)

---

**Timetable**

It is important to consider your timetable when choosing papers to study. Timetable information for each paper is available on the paper page on the website via [otago.ac.nz/courses/papers](otago.ac.nz/courses/papers)

The University Web Timetable Viewer is available via [otago.ac.nz/study/study-timetables](otago.ac.nz/study/study-timetables)
Submit for course approval

Once you have selected all your papers, eVision shows you a summary of your course (Review and submit), which includes any warnings about your choices such as a high workload and timetable clashes.

Your provisional timetable will be generated showing you the times and days for all of your classes. It will also tell you if you have any timetable clashes. It is important to note that this information is provisional, and timetable information may change between the selection of your papers and the start of classes for each semester.

Note: Not all papers are timetabled through eVision. Papers offered through the Christchurch, Wellington and Southland campuses, as well as some postgraduate and other papers may be timetabled separately.

You’re also given the opportunity to view your ‘Course Fee Assessment’ detailing your course tuition fees based on your current paper selection and enrolment fee status.

Once you have submitted your papers for approval you can review your selection by going to ‘My Programmes and Papers’. If you re-enter paper selection, you’ll need to resubmit your papers for approval regardless of whether you have made any changes.

Timetable clashes

A timetable clash is when you have two (or more) teaching events scheduled at the same time. Paper selections that include timetable clashes may not be accepted.

To make changes to your papers select Change papers at the end of the Review and confirm screen.

Note: The University does not encourage timetable clashes. You need to carefully consider the effect on your workload and should only apply if the timetable clash is absolutely necessary.

For more information see otago.ac.nz/timetable-clash

Special Permission and Departmental Permission

Requests for special permission are likely to be for papers:
• where you don’t have a prerequisite or corequisite
• that are not normally available for the programme you are completing
• where you wish to repeat a paper to achieve a better grade
• where you wish to repeat a special topic paper (with different content).

For more information see otago.ac.nz/study/enrolment/SP-DP
Course approval

Once you have submitted your choice of papers for consideration for approval, it will be reviewed to ensure that it meets the requirements for your chosen programme. If everything is fine, your selection of papers will be approved and you will receive a message in your eVision portal advising this.

In some cases, a staff member will contact you to discuss your course selection to make changes to papers, or to allow for exceptions to your programme or workload requirements.

They may also recommend that you discuss your course with an adviser. Our Course Advice website has more details on what that may involve

[otago.ac.nz/courseadvice](http://otago.ac.nz/courseadvice)

> Review the outcome of course approval

You will be advised via your eVision portal whether your course has been approved or whether changes are required. You can review your course, along with notes about any changes and information about your fees.

Course enrolment due dates

**Summer School**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 December</td>
<td>Due date for submission of Summer School papers for Course Approval</td>
</tr>
<tr>
<td>7 January</td>
<td>Due date for completion of course enrolment declaration concerning Summer School papers*</td>
</tr>
</tbody>
</table>

**2019**

**First semester and full year papers**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 January</td>
<td>Due date for submission of papers for course approval by students taking first semester and full year papers</td>
</tr>
<tr>
<td>22 February</td>
<td>Due date for completion of course enrolment declaration by students taking first semester and full year papers*</td>
</tr>
</tbody>
</table>

**Second semester papers**

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 June</td>
<td>Due date for submission of papers for course approval by students taking only second semester papers</td>
</tr>
<tr>
<td>8 July</td>
<td>Due date for completion of course enrolment declaration by students taking only second semester papers*</td>
</tr>
</tbody>
</table>

* You will need to complete the declaration by the due date in your eVision alert to avoid a late fee.
Complete the formal declaration

Main enrolment period

To complete Course Enrolment you need to accept the declaration in your eVision portal.

Completing the declaration will allow you to access University resources.

The declaration becomes available from 1 January. Once your course has been approved, and you have been granted admission to the University, you will be able to view and complete the declaration. International students will also require a current visa before being able to view and complete the declaration.

You will receive an alert in your eVision portal when the declaration is available to complete.

To complete the declaration, select the Course Enrolment button in your eVision portal and complete the Declaration step.

Read, then accept the declaration which is a legal statement that you will abide by the University’s rules (e.g. payment of fees). Accepting the declaration completes your course enrolment and allows you access to University resources. You can now proceed to pay your fees and obtain your student ID card.

You will need to complete the declaration by the due date given in your eVision alert to avoid a late fee.

Study address

It is important that you confirm your study address when you complete the declaration so we are able to contact you if needed.

Summer School

The process for applying for a Summer School paper is the same as for the main enrolment period.

Summer School papers are equivalent to papers in other semesters, but because they are taught in just six weeks, the pace of instruction and associated study is more intensive. For this reason enrolling for Summer School papers is not normally recommended to students for whom this would be their first experience of university study.

One 18-point paper is considered full time study. Able students may take up to 36 points.

Student ID card

Your student ID card will allow you to access a range of resources and systems. You need to wait at least one working day after completing the Declaration before your card can be issued. For more information see otago.ac.nz/studentIDcards
Pay your fees

Once your course is approved, if you are required to pay fees, your invoice will be available on the ‘My Account’ page of your eVision portal with all the information you need to organise payment. Fees should be paid, or loan arrangements finalised, before you begin your studies.

Fees-free study
Most domestic students who are new to tertiary education will be eligible for one year of fees-free study at the University of Otago in 2019.

For information about fees-free study, and to find out how to check your eligibility, please visit our website.

Most fees fall under the following categories: tuition fees, student services fee, and non-tuition (administration) fees. Fees are charged on a year-by-year basis.

Tuition fees
Tuition fees for 2019 will not be finalised until November 2018. Once the fees have been set, they will be available at otago.ac.nz/study/fees

The tuition fees listed below are for 2018 and for domestic students only. Tuition fees for international students are available at otago.ac.nz/international/otago002190.html

Domestic tuition fees (2018) (per 1.0 EFTS)

> Undergraduate (excluding Honours)
Art, Languages, Theology, Mathematics, Education $5,793
Commerce, Teaching $5,531
Law (excluding Honours) $6,462
Computer Science, Design, Geography, Information Science, Music, Science $6,923
Physical Education $6,923 to $8,003
Health Sciences, Pharmacy, Surveying $8,003
Dentistry $15,389
Medicine $15,389
Physiotherapy – Years 2-3 inclusive $6,923
Physiotherapy – Year 4 $8,078

> Postgraduate Taught
Art, Languages, Theology, Mathematics, Commerce $7,971
Law (Honours) $7,551
Computer Science, Design, Geography, Information Science, Science $9,033
Health Sciences $10,986
Dentistry (MDS) $35,985

> Postgraduate Thesis and Honours
Arts, Languages, Theology, Mathematics $6,587
Commerce $6,351
Law (thesis only) $7,123
Computer Science, Design, Geography, Information Science, Music, Science $7,691
Health Sciences, Pharmacy, Surveying $9,756
Medicine $9,756
Dentistry thesis (Non clinical) $9,955

Generally, your total tuition fee is made up of the collective fees for each paper for which you are enrolled.

The fee for the subject category of a paper and its EFTS value will determine the fee of the paper. For example, if an Accounting paper has a value of 0.15 EFTS, multiply $5,531 by 0.15 to get the fee for the paper ($829.65). The degree/diploma/course enrolled for has no bearing on this calculation. In practice, a year’s course may comprise papers from more than one subject category, such as a mixture of Commerce and Science papers.

Pro rata fees for thesis students
You should note that the fees that you will be expected to pay upon initial enrolment for your thesis study will be calculated on a pro rata basis according to the date when you commence your studies. For example, if you commence your studies on 1 May, your fee will be 8/12ths of the usual fee. The accuracy of this date is very important. If your starting date changes after you have finalised your enrolment, please notify the Student Records Office in writing at enquiries.masters@otago.ac.nz

You will be charged full fees in subsequent semesters or years of study. A similar pro rata calculation will be made upon completion of your studies, depending on the actual date of submission of your thesis. Please note that you are normally required to be enrolled at the time of submitting your thesis.

Important dates

You must pay your total fees account to the Revenue Management Office no later than:

11 January 2019 for Summer School papers
10 February 2019 for study beginning in the first semester
10 July 2019 for study in the second semester only

You won’t have access to all University resources if you’re listed as a debtor to the University.
Non-tuition fees

Administration fees

The following non-refundable fees (GST inclusive) may be charged (where applicable):

<table>
<thead>
<tr>
<th>Fee</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fee for late payment of fees</td>
<td>$100</td>
</tr>
<tr>
<td>Plus additional charge per month or part thereof</td>
<td>$25</td>
</tr>
<tr>
<td>Late paper submission</td>
<td>$120</td>
</tr>
<tr>
<td>Late declaration completion</td>
<td>$120</td>
</tr>
<tr>
<td>Application for Special Admission</td>
<td>$93</td>
</tr>
<tr>
<td>Application for Discretionary Entrance</td>
<td>$93</td>
</tr>
<tr>
<td>Application for admission ad eundem statum</td>
<td>$93</td>
</tr>
<tr>
<td>Credit for study elsewhere</td>
<td>$93</td>
</tr>
<tr>
<td>Extramural enrolment</td>
<td>$93</td>
</tr>
<tr>
<td>Final Examination Only enrolment (per paper)</td>
<td>$93</td>
</tr>
<tr>
<td>Reinstatement of enrolment after cancellation</td>
<td>$59</td>
</tr>
<tr>
<td>Tuition refund fee (for students who withdraw from their entire course)</td>
<td>$100</td>
</tr>
</tbody>
</table>

Notes: Fees listed above are for 2018 and are subject to change. A complete list of Administration Fees is available at otago.ac.nz/study/fees

Student Services Fee

The University of Otago is required by Government regulation to ensure a range of services is available to students and these are funded through the charging of the Student Services Fee.

<table>
<thead>
<tr>
<th>Category</th>
<th>2017 Student Services Fee (GST inclusive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dunedin</td>
<td>$798</td>
</tr>
<tr>
<td>Wellington</td>
<td>$124</td>
</tr>
<tr>
<td>Christchurch</td>
<td>$153</td>
</tr>
<tr>
<td>Southland</td>
<td>$134</td>
</tr>
<tr>
<td>Distance (not living within commuting distance of an Otago campus)</td>
<td>No fee</td>
</tr>
<tr>
<td>Summer School</td>
<td>$133</td>
</tr>
</tbody>
</table>

Notes: Fees listed above are for 2018 and are subject to change. The Otago University Students’ Association (OUSA) membership is voluntary in 2018 and there is no charge for membership. Further details regarding the Student Services Fee is available at otago.ac.nz/studentservices/otago029756.html

While the Student Services fee is compulsory, some exemptions may apply to you. More information is available at otago.ac.nz/administration/policies/otago029542.html

Paying your fees

You can pay your fees in any of the following ways:

- by internet banking or telegraphic transfer
- by cash, cheque or EFTPOS (subject to individual bank limits and available in Dunedin only)
- by Government student loan
  - Applications for Government student loans are available from StudyLink. Please apply online at: www.studylink.govt.nz
  - Ensure that you authorise the direct transfer of your compulsory fees from your loan account to the University
- by internet banking or telegraphic transfer
- by scholarship, staff study assistance and third party payments.

If your fees are being offset against a University scholarship they should be adjusted accordingly on your fees account. In some cases the account is printed before the scholarship is processed. If you receive a fees account that doesn’t have your scholarship taken into account, contact the Doctoral and Scholarships Office, University of Otago, PO Box 56, Dunedin 9054, Tel 03 479 5292 to ensure there are no problems.

Late payment fee

If you pay your fees or have authorised payment by direct transfer from your Government student loan after the due date for payment, you may be charged a $100.00 late payment fee plus $25.00 per month thereafter until the debt is paid in full (subject to change).

Fee changes if changing your course

If you change your course after applying, your fees will be adjusted automatically, and a refund or further invoice will be sent to you as appropriate.

Any change of course may affect your Government student loan and/or student allowances entitlement. The University’s complete fees policy, including details concerning withdrawals and refunds, is published at otago.ac.nz/study/fees

Fees receipts

Tuition fee receipts are not automatically generated. To request a tuition fee receipt please email student.finance@otago.ac.nz. If you are on campus you can obtain a receipt in person from the Revenue Management Office in the basement of the Clocktower Building.

More information

You’ll find the most up-to-date information on the website.

General information
otago.ac.nz/study/fees

Individual paper costs
otago.ac.nz/courses/papers

International students
otago.ac.nz/international/otago002190.html

Doctoral and Scholarships Office
otago.ac.nz/research/graduate/otago004145.html

Revenue Management Office (Student Finance Office)
Basement, Clocktower Building
University of Otago
PO Box 56
Dunedin 9054
Tel 03 479 9006
Email student.finance@otago.ac.nz
Changing your course

If you wish to change your course after you have completed the course enrolment declaration, you will normally need to complete a Change of Course form.

The information below applies only after you have completed the course enrolment declaration. If you need to make changes before completing this step, you can do so via your eVision portal.

Adding, deleting or swapping papers

If you wish to add, delete, or swap papers, you should do so by completing the online Change Request form, or collecting a Change of Course form from AskOtago (see page 41). For more information see otago.ac.nz/changingyourcourse

Adding, deleting or swapping papers has implications for your fees, StudyLink loans and allowances, and academic record. It may also affect your immigration status if you’re an international student.

> Adding papers

You can add papers to your course of study by the relevant deadlines. You should check for possible timetable clashes before adding papers by viewing timetable information on the University’s Web Timetable Viewer via otago.ac.nz/study/study-timetables

Additional papers will be added to your academic record and will increase the fees you’re required to pay or count towards your fees-free entitlement.

> Deleting papers

If you delete an individual paper from your course of study by the relevant deadlines you will be entitled to a refund of tuition fees for that paper and it will be removed from your academic record. Deleted papers do not count towards fees-free entitlement.

If you choose to discontinue your study and delete all of your papers by the relevant deadline, your tuition fees paid will be refunded, less a Tuition Refund fee.

Withdrawal from papers

You can still withdraw from a paper after the deadline for deletion but you won’t normally be eligible for any refund of fees and your liability for any unpaid fees will remain. Withdrawn papers count towards fees-free entitlements.

If you withdraw from a paper by the relevant deadlines the paper will continue to be listed on your academic record but will have ‘Withdrawn’ noted beside it.

Changing your major and minor subjects

If you wish to make a change to your major or minor subjects, you should do so by completing the online Change Request form, or collecting a Change of Course form from AskOtago. For more information see otago.ac.nz/changingyourcourse

It’s your course

Through eVision you can check the papers you are enrolled for and whether or not any requested changes have been processed. It is your responsibility, and in your best interest, to ensure that your course of study is in accordance with the relevant regulations in the University Calendar (and summarised in this Guide in most cases) and that your enrolment correctly records the papers you are taking.

Important dates

There are strict deadlines for completing changes to your course.

**Adding papers to your course by 5pm on:**
- 14 January 2019 for Summer School papers
- 1 March 2019 for first semester and full year papers
- 12 July 2019 for second semester papers

**Deleting papers from your course by 5pm on:**
- 14 January 2019 for Summer School papers
- 15 March 2019 for first semester papers
- 22 March 2019 for full year papers
- 26 July 2019 for second semester papers

**Withdrawing from papers by 5pm on:**
- 4 February 2019 for Summer School papers
- 3 May 2019 for first semester papers
- 13 September 2019 for second semester and full year papers
Exceptional circumstances

Deletions or withdrawals after the normal deadlines will be permitted only in exceptional circumstances which are beyond your control and which prevent you from completing your course.

If you wish to submit an application for withdrawal from a paper or papers due to exceptional circumstances, you should follow the application process described on the Exceptional circumstances webpage.

Applications must include independent supporting documentation, such as a medical certificate.

Withdrawals in exceptional circumstances after the deadline for deletion will be listed on your academic record but have ‘Withdrawn Exceptional’ noted beside them. No result is recorded for these papers, and they do not count towards your official Otago grade point average.

In the case of withdrawals in exceptional circumstances after the normal deadlines for deletions and before the deadlines for ordinary withdrawals, a partial tuition fee refund (up to a 50% maximum) may be applied. If you are studying under fees-free provisions papers withdrawn under exceptional circumstances will normally continue to be counted towards your fees-free entitlement. For more information see otago.ac.nz/exceptional-withdrawal

Withdrawal from papers in exceptional circumstances may affect your eligibility for StudyLink loans and allowances or, if you are an international student, your immigration status.

Abandoning study

If you choose not to attend classes or submit assessments or sit examinations, and do not use a Change of Course form to have a withdrawal officially recorded by the deadline (see page 34), you will remain enrolled but will be likely to have a result of ‘Fail’ on your academic record for the papers concerned. Your liability for any unpaid fees will remain.

International students

Please remember if you withdraw from your course, or decide to drop a paper, your immigration status may be affected. Please see the Student Visa Coordinator or an International Student Adviser at the International Office to discuss your plans before making any changes to your course.

Course advice

If you are wishing to make changes to your course, but are unsure about any aspect of your study, we have dedicated Course Advisers who are here to help.

For more details or to make an appointment contact AskOtago (see page 44) or see the course advice website.

Keeping in touch

There may be times when the University needs to contact you.

Communications from the University in relation to your application and enrolment may be through:

- eVision
- email, either to the personal email address you provided when you created your eVision account (for new students), or to your student email address if you are a returning or recommencing student
- by phone (call or text).

It is important that you ensure your contact details are kept up to date and that you check both your eVision portal and the relevant email address throughout the application and enrolment processes.

Once you have completed your declaration you will be advised of your student email address (new students). You should use this to communicate with the University rather than your personal email address.
Preparatory and bridging courses

The following pre-university courses offer students assistance in particular areas to prepare for University study. These courses cannot be credited towards a degree or other qualification.

Preparatory Courses in Chemistry

Recommended for students with limited background in the subject and are intended as preparation for 100-level Chemistry.

CHEM 150 Concepts in Chemistry is an 18-point course running during Summer School. The first four weeks are distance taught, and the remaining two weeks are taught on the Otago campus. The course comprises a mix of theoretical and practical aspects of Year 12 and Year 13 chemistry. Only students who have achieved less than 14 credits of Level 2 chemistry (or its equivalent) will normally be eligible to enrol for this course. CHEM 150 is the recommended preparatory course for students intending on enrolling for CHEM 191 The Chemical Basis of Biology and Human Health, as part of the Health Sciences First Year course at Otago.

Introductory Chemistry is for anyone who wants a basic understanding of chemical principles. It is also of value to those wishing to catch up on secondary school level chemistry before embarking on 100-level chemistry courses at University. The course, which comprises a mix of Year 12 and Year 13 chemistry, can be started at any time and completed at the student's own pace. Its distance-taught format means there are no accommodation costs - you do not have to attend the University of Otago to take this course. The course is not-for-credit, which means that it cannot be credited towards a university degree.

Normally students who have completed the Introductory Chemistry course will not then be approved to enrol for CHEM 150.

For further information about CHEM 150 Concepts in Chemistry contact:
Dr David McMorran,
Tel 03 479 7934
Email davidm@chemistry.otago.ac.nz
or see the Summer School website from early September for details: otago.ac.nz/courses/summerschool

For further information about Introductory Chemistry contact:
Department of Chemistry
Tel 03 479 7908
Email chemistry@otago.ac.nz

English for Speakers of Other Languages

The University of Otago Language Centre offers the following courses:

- General English, IELTS, TOEIC, English for Academic Purposes (Term 2 only), and English for Otago. Success in the General English programme will meet the language requirements for entry to Foundation Year.
- English for Otago has two papers: English for Undergraduate Academic Purposes and English for Postgraduate Academic Purposes. Success in these papers meets the language requirements for entry to the University.

For further information contact:
Admissions
University of Otago Language Centre
130 Anzac Avenue
Tel 03 479 5250
Email uolcfy.admissions@otago.ac.nz
otago.ac.nz/uolcfy

UniStart @ Otago

This three hour new-skills workshop is designed particularly for those who left formal education some time ago and are new to university and tertiary study. It is held during week one of the first semester and includes topics such as:

- surviving the first few weeks
- using technology
- note-taking and finding information
- managing the first assignment
- balancing life and study.

Follow-up support is offered by Student Learning Development staff through consultations, workshops and peer assisted study sessions (PASS).

For further information contact:
Student Learning Development
Tel 03 479 5786
University of Otago Foundation Year

The University of Otago Foundation Year offers a two 13 week semester programme. Students who successfully complete the 26 week programme, consisting of 10 papers, are awarded the Foundation Studies Certificate. This certificate guarantees students entry to their chosen University of Otago first-year course (except those with limited intakes) and is recognised by all New Zealand universities as an entrance qualification.

There are three intakes each year: February to October; June to February and October to June. Students may study any one of the four academic streams which align with the four University of Otago academic divisions:

- Business/Commerce
- Health Science
- Arts/Humanities
- Science/Applied Science/Life Science.

Students wishing to study Health Sciences must start in either February or June. All other students may start in any of the three intakes.

To be admitted into Foundation Year students must meet the English language and academic requirements. If they do not meet these requirements they are able to complete a General English and/or Bridging Programme as a pathway to Foundation Year. The Bridging Programme is a six week course designed to increase their chances of success in the Foundation Year programme.

Foundation Year streams provide an outstanding academic preparation for studies in all disciplines offered at the University of Otago. There is high demand for professional qualifications in Health Sciences, Commerce and programmes with specific entry requirements such as Law and Teaching. Data collected over recent years show that students who pass the Foundation Studies Certificate consistently outperform other students in their first year at university.

Lectures and laboratories are held on campus in university facilities alongside undergraduate classes. Foundation Year tutorials are taught in the dedicated, state-of-art University Plaza building situated on the university campus. Maximum class size is 18 students. Weekly one-on-one consultations are an integral part of the programme. Domestic and international students are integrated in all classes and in recent years this has been in a pleasing 50:50 balance.

Students in the UOFY are offered full student support services, a comprehensive orientation and a weekly programme of student activities and events.

A student ID card gives access to University of Otago resources including libraries, 24-hour computer suites; modern gymnasia at Unipol, student health, clubs and societies, student cafés and provides discounts on shopping, entertainment and travel.

A homestay placement service arranges quality homestay accommodation for all students.

Further information, including tuition, homestay and other costs, can be viewed at:

otago.ac.nz/uolcfy/student-support

University of Otago Foundation Year Scholarship Programmes

Tū Kahika

Tū Kahika is an annual scholarship for young Māori who aspire to study toward a career in health. Tū Kahika students are supported through the 26-week Foundation course to prepare for further tertiary study the following year in either Health Sciences First Year (HSFY) or other health-related programmes.

At its core Tū Kahika is about whānau. Students are provided with a wide range of support to gain essential university study skills and successfully complete the Foundation Year.

Tū Kahika students receive:

- guaranteed subsidised accommodation in an Otago University residential college, (Arana or Studholme)
- $10,000 towards accommodation expenses
- comprehensive support into university study and student life
- added academic, cultural and pastoral support
- preparedness for further tertiary health science study
- professional and cultural development.

POPO Foundation Scholarship Programme

The POPO Foundation Scholarship Programme is a Health Sciences support programme for Pacific students. POPO students are supported through the 26 week Foundation course to prepare for further tertiary study the following year in either Health Sciences First Year (HSFY) or other health-related programmes.

POPO students receive:

- a guaranteed place in a University of Otago residential college
- financial assistance towards their accommodation fees at a University of Otago residential college
- academic, mentoring, and pastoral support
- preparedness for further tertiary health science study.

For further information please contact:

University of Otago Foundation Year
Tel 03 479 5250
Email uolcfy@otago.ac.nz
otago.ac.nz/tukahika/index.html
otago.ac.nz/uolcfy/index.html
Useful information

The following information will be useful to you during your course of study.

Communications from the University

Important information is sent out during the year to enrolled students. It is your responsibility to ensure you receive this by checking the following main communication channels regularly:

• Your student email address
• Your eVision portal
• Learning management systems used in your papers (e.g. Blackboard, Moodle)
• The University of Otago website

Once you have received your University email address you should use this to communicate with the University rather than your personal email address. It is also important that you keep your physical address details in eVision current.

For more information see the University’s Student Communications Policy, available at otago.ac.nz/study/communications

Student ID cards

In most cases, you will have completed the enrolment process including the online course enrolment declaration, before your arrival on campus, allowing you to obtain your student ID Card as soon as you arrive.

Students must obtain a University identification card from the ID Card Office in the Information Services Building, in person for on campus students or, if you are not studying in Dunedin, by mail using the Distance student ID card application form or online for returning students. You will need this card to access many of the University’s facilities. Your ID card will provide proof of identity, enable you to borrow items from the Library, provide after-hours building access and on campus computing and allow you to access a variety of Student Services including Student Health and Unipol. You will need your ID card at examination time as proof of identity. For further information contact AskOtago.

Your username is printed on the card and together with your password provides electronic access to library databases, catalogues, and course materials. If you have been previously enrolled at Otago, your password will remain the same. If you forget your password contact the ITS Service Desk (see page 41).

For specific information on ID Cards: otago.ac.nz/studentIDcards

For distance students getting an ID Card: otago.ac.nz/studentservices/otherservices/otago022782.html

Preliminary lectures and teaching timetable

Departments will hold preliminary lectures for many, but not all, first semester and full year papers on Friday 22 February 2019 to give you information about the papers for which you are enrolled.

Not all papers have preliminary lectures and they are not held for second semester papers. A timetable of preliminary lectures is available at otago.ac.nz/study/preliminary-lectures

Students will normally be able to access their personal timetable on eVision before the semester begins but information on lecture times can also be found by searching individual papers at otago.ac.nz/courses/papers

Textbooks

A list of prescribed textbooks will be available on the University Book Shop’s website (books.unibooks.co.nz/lists.html) from mid-November for Summer School papers and mid-February for other papers. Both new and second-hand prescribed textbooks are usually available from the UBS in Dunedin and may be purchased over the counter or on their website.

Textbook Department, University Book Shop (UBS)
378 Great King Street (open year round) or 640 Cumberland St (open from early February)
PO Box 6060, Dunedin
Tel 03 477 6976
Email ubs@unibooks.co.nz
unibooks.co.nz

A book exchange for the buying and selling of second-hand textbooks is organised by the Student Christian Movement at the beginning of each academic year. Details are advertised on campus.
Code of Student Conduct

The Code is under review; please check the website for the most up to date version.

The purpose of the Code of Student Conduct is to promote the University’s academic aims and a sense of community through the cultivation of mutual respect, tolerance and understanding. To this end, the University expects that students will not engage in behaviours that endanger their own or others’ safety and wellbeing.

Students are expected to conform to the standards contained in this Code of Student Conduct off-campus as well as on-campus.

The University reserves the right to pursue through its disciplinary procedures matters that are also being, or may also be, addressed by the legal system or under the University’s Ethical Behaviour Policy processes.

The basic rules of conduct require that no student shall:

1. disrupt any teaching, study or research or the administration of the University either wilfully or by engaging in conduct which ought reasonably to have been foreseen would cause disruption;
2. wilfully obstruct any member or employee of the University in academic work or in the performance of duties;
3. wilfully misuse, damage or deface, steal or wrongfully convert to the student’s own use any property of the University or of any member of the University;
4. wilfully acquire by theft or deception the benefits of any service provided by the University or any academic advantage;
5. engage in actions that:
   (a) amount to assault or which result in, or can be reasonably expected to result in, harm to a person or persons; or
   (b) are unreasonably disruptive to other members of the University or the local community; or
   (c) result in, or can be reasonably expected to result in, damage to property of any person; or
   (d) are otherwise unlawful;
6. threaten, intimidate or harass another person or group;
7. fail to comply with the proper directives of a University official, including refusing to identify oneself;
8. lie to, or misrepresent information to, the University or any University official;
9. fail without good reason to co-operate with the University’s disciplinary procedures;
10. fail without reasonable cause to comply with any penalty imposed under the Discipline Statute;
11. be party to or attempt to commit an act of misconduct as set out in the foregoing rules.

Note: Secondary rules of conduct include regulations concerning the Library, computer use, traffic and parking and other rules and regulations promulgated from time to time under the authority of the Council.

Explanatory notes

The actions proscribed in clause 5 encompass a wide range of antisocial behaviour, including but not limited to:

1. Vandalism and behaviours that result in property damage
2. Setting fires without regard for personal safety or the security of property
3. Throwing or firing projectiles, including glass bottles
4. Generating noise that is unreasonably disruptive to others
5. Assault
6. Non-consensual physical contact of a sexual nature
7. Threats, intimidation or harassment directed towards another person or group
8. Abusive behaviour directed at others based on race, religion, gender, disability, age, economic status, ethnicity, national origin, sexual orientation or gender identity
9. Organising any initiation event or ceremony that jeopardises your fellow students’ well-being, personal safety, or encourages breaking the law
10. Theft or attempted theft of property and/or possession of stolen property
11. Forging documents and signatures.

otago.ac.nz/proctor/codeofconduct

Privacy of personal information

The University will collect, use, store, and disclose personal information relating to students in accordance with the provisions of the Privacy Act 1993. Where practicable all such personal information is obtained directly from students, or from their nominated agents. Additionally, information may be obtained or verified through relevant government or education agencies, including the New Zealand National Student Index.

Information will be stored on University files and databases and all practicable security measures will be maintained. A unique identifier will be assigned to each student, which will be used in conjunction with a secondary means of identification or password/PIN.

Staff members and other personnel within the University or within agencies under contract to the University will have access to students’ personal information for purposes relevant to normal University operations including but not limited to: student recruitment, marketing, admission, enrolment, study, academic progress, tuition fees and charges, establishing and maintaining academic and graduation records, assessment, academic agreements (exchange and study abroad partners, scholarship providers or sponsors, programme delivery partners), academic advice and support, student services, discipline, security and safety, Library and IT services, managing students’ association membership and records, managing records of graduates, and other alumni, and managing and improving the quality of services provided by the University.

In order to conduct its proper business and as required under the Education Act 1989 and other laws, regulations, and contractual agreements by which it is bound, the University may use the student information it holds and may disclose information to external agencies such as government departments, bodies responsible for course moderation and professional accreditation or membership, agencies for financial support and pastoral care, and university student and alumni associations.

Such agencies include, but are not limited to:

- the Ministry of Education (information will be recorded on the National Student Index and used in an authorised information matching programme with the New Zealand Birth Register and may also be supplied to Statistics NZ)
- the Ministry of Social Development (including Work and Income New Zealand and StudyLink)
- the Inland Revenue Department
- Te Puni Kōkiri
- Immigration New Zealand (for students who are not New Zealand citizens)
- Other education organisations for the verification of academic records
- relevant professional bodies
- course moderation or accreditation bodies
- the Tertiary Education Commission
- the Ministry of Trade and Enterprise
- Education New Zealand
Information provided to external agencies is either student-specific (typically name, date of birth, current contact details and academic or graduation details) or cohort-specific (aggregated or statistical information that does not identify individuals).

Where provision or disclosure of information is voluntary or falls outside the scope of information that the University is permitted to collect, store, use and disclose under the Privacy Act 1993, students will be advised and their consent will be obtained prior to the provision or disclosure of information.

The University will make information held about students available to them upon request and in accordance with the Privacy Act 1993, which also describes the conditions under which information may be withheld. Students have the right to request correction of personal information held in accordance with the provisions of the Privacy Act 1993. If a student withholds information or provides incomplete, false or misleading information the University may decline or cancel the admission or enrolment and may withhold the academic record if its veracity cannot be confirmed.

This Privacy Statement operates in conjunction with any specific privacy statement or declaration made in connection with the collection by, or supply to, the University of individual items of information.

**Examinations and final results**

There are three main examination periods during the University year:

- **Summer School** 16-21 February 2019
- **First semester** 5-19 June 2019
- **Second semester** 16 October - 9 November 2019

Final written examinations may be held by departments outside these periods, as advised by the teaching department concerned.

Personal examination timetables and final results are accessed online via eVision.

For more information about examination timetables and other related examination topics, visit the website.

[otago.ac.nz/study/exams]

**Final Examination Only enrolment**

In many papers (but not all), if you have completed your course work satisfactorily but have failed to pass the paper, you may apply for Final Examination Only (FEO) enrolment. This means that you may sit the examination at the end of the next teaching period that the paper is offered but you may not attend teaching sessions or receive assistance from academic staff. This concession is granted only once for a particular paper, and only for the teaching period in which the paper is offered next.

If your application is approved, a fee will be charged, but you will not have to pay tuition fees again. For details of how to apply for Final Examination Only enrolment and to download the application form, see the website.

[otago.ac.nz/administration/otago029057]

The closing dates for applications are:

- 10 January 2019 for papers next offered in Summer School
- 1 March 2019 for papers next offered as full-year or first semester papers
- 31 July 2019 for papers next offered as second semester papers

If you change your mind, you can cancel your FEO enrolment by emailing student-records@otago.ac.nz before the dates indicated on the website.

**Academic Progress Policy**

A student who fails to make satisfactory progress (i.e. pass half or more of the points enrolled for in a calendar year) will be placed on Conditional Enrolment and may enrol for a prescribed course of study only, in the next year of enrolment. If such a student then passes fewer than half of the points in the Conditional Enrolment year, they will be suspended from enrolment at the University for the subsequent two calendar years.

This policy will be applied to students transferring from other tertiary institutions as if their previous study had been undertaken at the University of Otago. Students suspended under the academic progress policies (or equivalent) of other tertiary institutions will not be permitted to transfer to the University of Otago until such time as that suspension has passed.

Full details of the policy can be found at [otago.ac.nz/administration/policies/otago002988.html](http://otago.ac.nz/administration/policies/otago002988.html)

For more details on how academic progress is assessed see the Terminology pages 214-217.
Advice and support

The following services and staff are available to you at any stage of your University career.

AskOtago | UiaŌtākou
AskOtago is your one-stop-shop for all questions about studying at Otago. You can find answers instantly with our searchable knowledgebase. Or call, email or chat with us.
If you’re on our Dunedin campus, you can find us at our hub in the Information Services Building
Information Services Building (7am to 11pm)
Tel 0800 80 80 98 from New Zealand
1800 46 82 46 from Australia
64 3 479 7000 from outside New Zealand
Email university@otago.ac.nz
ask.otago.ac.nz

Career Development Centre
The Career Development Centre (CDC) can help you set career goals and make informed choices to build the future you want. Our Career Advisers can assist if you’re considering internship opportunities, are wanting to find a summer job, or looking for graduate opportunities.
The Careers team organises career fairs, workshops, seminars, confidential career counselling and online services tailored to Otago students.
Information Services Building (Mon-Fri 9am to 5pm)
Tel 03 479 8244
Email careers@otago.ac.nz
otago.ac.nz/careers

Chaplains
The University Chaplaincy team is available to the University community, whatever your beliefs. They offer support if you are homesick, lonely or worried and need someone to talk to in confidence, as well as pastoral care and spiritual support, and can provide information on local churches, student groups on campus and many local faith-based communities.
Upper Room Chaplaincy Offices
University Union Building, Mezzanine floor (eastern end)
Tel 03 479 8497
Email chaplains@otago.ac.nz
otago.ac.nz/chaplain

Disability Information and Support
Disability Information and Support provides learning support, advice, advocacy and information to students with disabilities, impairments, medical conditions or injuries.
The support provided is varied and may include access to specialised equipment, quiet study rooms, note-taking, subject tutoring, reformatting of course materials, and alternative test and examination arrangements. Our Student Advisors are available to discuss each student’s requirements and work collaboratively to put together a support plan.
Information Services Building (Mon-Fri 8:30am to 5pm)
Tel 0800 80 80 98 or 03 479 8235
Email disabilities@otago.ac.nz
otago.ac.nz/disabilities

International Office
The International Office provides comprehensive information and support to international students, including admission services for international applicants, a visa renewal service, advice on insurance, requirements and pastoral support for students. Staff also advise University of Otago students about exchange programme opportunities to overseas partner universities. See page 44 for full contact information.
Archway West
otago.ac.nz/international

Liaison Officers
Liaison Officers provide a link between the University and intending students of all ages, and advise on courses, entrance requirements, and University life by telephone, letter, email, Skype, or in person. Offices are on the Dunedin campus and at the University’s Auckland Centre and Wellington City Office.

> Mature students
Mature students (students over 20) who are considering studying for the first time or who are returning to university after a lengthy absence, can make an appointment with a Liaison Officer to discuss the application process, planning their course, and student facilities and services.
Contact the nearest Liaison Office in your area (see page 44).
otago.ac.nz/liaison
Libraries

The University of Otago Library offers extensive information services, resources and facilities for individual or group learning on or off campus. Print, electronic and audiovisual resources are available and staff can provide expert assistance with developing your search skills. All subject areas have a dedicated Librarian to help you find, access, manage and evaluate information.

Email ask.library@otago.ac.nz

otago.ac.nz/library

Māori Centre/Te Huka Mātauraka

The Māori Centre operates from a kaupapa Māori base encouraging Iwi Māori students to participate and succeed at Otago. It provides academic support (including seminars/hui, tutorials, orientation for locals, and mentoring), liaison and course advice, pastoral and advocacy support, information on scholarships and grants, and cultural support through Māori students’ groups such as Te Roopu Māori (The Māori Students’ Association).

Email maori-centre@otago.ac.nz

otago.ac.nz/maoricentre

Otago University Childcare Association

The Otago University Childcare Association has five quality education and care centres on campus for children of staff and students.

- Te Ōpoka o Te Kī – bilingual centre for children aged 0-5 years
- Te Taiaroa – children under 2 years
- Te Puna & Te Uku – children over 2 years
- Rōpu Tiaki Tamaiti – children aged 0-5 years

Fees are charged with a WINZ subsidy available to assist with the cost, subject to income criteria. Children over 3 years receive 20 hours’ ECE. Places are limited and waiting registers operate in all centres.

otago.ac.nz/childcare

Otago University Students’ Association

The Otago University Students’ Association (OUSA) provides a wide range of services, events and support, most of it free and all of it designed with you in mind.

To ensure you have the ultimate student experience here at Otago our student-elected Executive governs all OUSA initiatives and our OUSA team are on hand to deliver. We’ve got you covered, with everything from friendly and confidential help at our Student Support Centre, amazing events such as Orientation, a huge selection of clubs, courses, and recreational spaces at our Clubs and Societies Centre, through to keeping you informed and entertained via Radio One 91FM and Critic Te Arohi magazine. We are also here to listen, so make sure you get in touch if you need us.

Tel 03 479 5332
Email ousa@ousa.org.nz

ousa.org.nz
Facebook Otago-University-Students-Association
Snapchat snapousa
Instagram ousanz

Pacific Islands Centre

The Pacific Islands Centre is your home away from home, and we look forward to meeting all new students from the Pacific and around New Zealand. Please contact us even before you start your journey so that we can help you prepare for a life-changing experience here at Otago.

The Centre provides: academic support (tutorials, study groups, study space, and mentoring); advocacy, pastoral care, and support in times of crisis, cultural events and activities; and information (e.g. on courses, grants and scholarships, accommodation, and places of worship).

Tofilau Nina Kirifi-Alai, Manager
1 Leithbank
Tel 03 479 8278
Email pacific@otago.ac.nz

otago.ac.nz/pacific

Proctor, Campus Watch and Campus Cop

The Proctor and his Deputy work closely with the Police and local authorities in fostering the unique ‘town-gown’ relationship that exists at Otago, as it relates to student behaviour. Campus Watch Teams patrol the Campus giving advice, preventing offending and generally making the area safe for students and staff. The Campus Cop, a fully sworn member of the New Zealand Police, is also based in the Proctor’s Office.

St David Lecture Theatre Complex

Student Accommodation Centre

The Student Accommodation Centre offers information and advice on residential colleges, flatting and homestay. If you are seeking a place in a residential college you can apply online from 1 August. It is important to get your college application in before 30 September although places will continue to become available up until the start of the academic year. The Centre will work closely with you during this process.

109 St David Street
Tel 03 479 5100
Email accommodation@otago.ac.nz

otago.ac.nz/about/accommodation

Student Health Services

Student Health provides medical, nursing, mental health and wellbeing advice and treatment for all students who have paid the University of Otago Student Services Fee.

Tel 03 479 8212 or 0800 479 821
corner of Walsh and Albary Streets, opposite the Museum Reserve

otago.ac.nz/studenthealth

facebook.com/otagounistudenthealth/
Student IT

We provide a range of IT services to students which include:

- 24-hour study spaces with wireless
- Printers
- Mac and Windows computers
- Online Microsoft Office 365 & Student Webmail
- A Microsoft Windows desktop available on your device, from anywhere with your course related software
- Friendly student IT support from Student IT

Student IT provides help and advice about any IT questions you might have either in-person or online. We have a comprehensive website that includes everything you need to know about the IT services available to you with help in how to use them.

Contact Student IT support:
Email studentit@otago.ac.nz
Tel 03 479 5170
[otago.ac.nz](http://otago.ac.nz/studentit)
Facebook.com/uostudentit
or visit us in the Central Library, 7 days a week during semesters

### Student Learning Development

Student Learning Development offers a free service which includes interactive workshops, individual consultations with learning advisors, peer learning/support programmes including PASS (peer assisted study sessions), and peer writing support, and online study resources.

Information Services Building
Tel 479 8801
Email hedc.studentlearning@otago.ac.nz
[otago.ac.nz](http://otago.ac.nz/hedc/students)

### Unipol Recreation Services

Use of Unipol Recreation Services is free to all students who have paid their Student Services Fee. Unipol offers quality facilities and activities on- and off-campus including weight/cardio studios with a range of equipment, court space (for badminton and ball court activities), group fitness classes, a wide range of sports played purely for fun (including the intercollege sport competition), day and weekend trips and adventures, equipment hire and information about sport and recreation within Otago.

Unipol Recreation Services
University Plaza, 130 Anzac Avenue, Dunedin
Tel 03 479 5888
Email recreation@otago.ac.nz
[otago.ac.nz](http://otago.ac.nz/recreation)
Facebook.com/UnipolRecreationServices

### Need advice?

Course advice is about ensuring you have the information and guidance you need to get the most from your studies.

Course advice is available throughout the year, and at any time during your studies. See the Course Advice website for details.

For more details or to book an appointment with an adviser contact AskOtago (see page 44) or see [otago.ac.nz](http://otago.ac.nz/courseadvice)

### Academic Orientation Week

Monday 18 to Friday 22 February 2019
- a wide variety of events to help you settle into university life.

More information will be available closer to the date at [otago.ac.nz](http://otago.ac.nz/academic-orientation)

University of Otago Union

The University Union operates the retail outlets Campus Shop, Archway Shop, Visitors’ Centre and the food outlets Frankly Sandwiches, Union Grill, Wasabi, St David Café, Plaza Café, Hunter Café, Lab Café, Te Matiti and Café Albany.

Our College Catering operation provides an onsite food service to almost 2500 students daily at University College, City College, Hayward College, Aquinas College, Abbey College, Cumberland College, Te Rangi Hiroa College, Arana College, Carrington College, Studholme College and Toroa College.

We manage the University of Otago Staff Club, Gallery Restaurant, UBar, Marsh Study Centre and also have significant Conference and Events interests.

[otago.ac.nz](http://otago.ac.nz/universityunion)
Contacts

AskOtago | UiāOtākou
Information Services Building
Tel 0800 80 80 98 from New Zealand
1800 46 82 46 from Australia
64 3 479 7000 from outside New Zealand
Email university@otago.ac.nz
ask.otago.ac.nz

University departments
PO Box 56, Dunedin 9054
To contact departments within the University
Tel 03 479 1100 and ask for the department concerned or go to
otago.ac.nz/contacts

Domestic Admissions
Contact AskOtago

Fees enquiries
Tel 03 479 9006
Email student.finance@otago.ac.nz

Undergraduate and Entrance Scholarships
Tel 03 479 4132
Email scholarships@otago.ac.nz

Postgraduate Scholarships
Tel 03 479 5291 or 03 479 5292
Email scholarships@otago.ac.nz

Doctoral programmes
Tel 03 479 8464 or 03 479 5434
Email phd@otago.ac.nz

Summer School and Continuing Education
Tel 03 479 9181
Email summer.school@otago.ac.nz

International students
Tel 03 479 8344
Email international.admissions@otago.ac.nz
international-support@otago.ac.nz
exchange@otago.ac.nz
international.insurance@otago.ac.nz
student.visa@otago.ac.nz

Divisional offices and advising staff

> Humanities
Arts, Law, Music, Performing Arts, Social Work, Teaching and Theology
Arts Building
Tel 03 479 8671
Email humanities@otago.ac.nz
otago.ac.nz/humanities

> Sciences
Sciences, including Physical Education and Surveying
Union Court
Tel 03 479 7528
Email science@otago.ac.nz
otago.ac.nz/sciences

> Otago Business School
Commerce Building
Tel 03 479 8149
Email business@otago.ac.nz
otago.ac.nz/business

> Health Sciences
Dentistry, Medical Laboratory Science, Medicine, Pharmacy, Physiotherapy, Dental Technology, Oral Health, Radiation Therapy
Physiotherapy Building
Tel 03 479 7428
Email health-sciences@otago.ac.nz
otago.ac.nz/healthscience

Liaison Offices
otago.ac.nz/liaison

> Dunedin Campus
PO Box 56, Dunedin 9054
Scott/Scand House
90 St David Street, Dunedin 9016
Tel 03 479 8247
Sandra Spence, Liaison Officer
Email sandra.spence@otago.ac.nz
Greg Heller, Liaison Officer
Email greg.heller@otago.ac.nz
Viv Hepburn, Liaison Administrator
Email liaison@otago.ac.nz

> Wellington City Office
PO Box 400, Wellington 6140
University of Otago, Wellington City Office
Level 5, 117 Lambton Quay
Wellington 6011
Tel 04 460 9805
Cheryl Caldwell, Liaison Officer
Email cheryl.caldwell@otago.ac.nz
Prajesh Chhanabhai, Liaison Officer
Email prajesh.chhanabhai@otago.ac.nz
Margaret Tobin, Liaison Administrator
Email wellington.liaison@otago.ac.nz

> Auckland Centre
PO Box 5543, Auckland 1141
University of Otago House
Level 4, 385 Queen Street,
Auckland 1010
Tel 09 373 9704
Karyn Floyd, Liaison Officer
Email karyn.floyd@otago.ac.nz
Kitiona Pasene, Liaison Officer
Email kitiona.pasene@otago.ac.nz
Grace Latimer, Māori Liaison Officer
Email grace.latimer@otago.ac.nz
Diana Patterson, Liaison Administrator
Email auckland.liaison@otago.ac.nz

> Campuses outside Dunedin

> Wellington
PO Box 7343
Mein Street, Wellington 6021
Tel 04 385 5541
Email information.wsmhs@otago.ac.nz
otago.ac.nz/wellington

> Christchurch
PO Box 4345, Level 5
2 Riccarton Avenue, Christchurch 8011
Tel 03 364 0530
Email enquiries.uoc@otago.ac.nz
otago.ac.nz/christchurch

> Southland
100 Nelson Street, Invercargill 9812
Tel 03 211 6724
Email education@otago.ac.nz
otago.ac.nz/education/about/otago022565.html
## Qualifications

This section details the requirements for most bachelors’ and honours degrees and some of the diplomas and masters’ degrees offered by the University (pages 53-105).

There is a list of all qualifications on pages 46-49, a list of major subjects and endorsements, and minor subjects for bachelors’ degrees on pages 50-51.

Definitions of terms can be found on pages 214-217.

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Qualifications available

In this section you’ll find a list of all degrees, diplomas and certificates offered by the University grouped according to the Division that is responsible for them.

All postgraduate and many undergraduate programmes (especially in the Health Sciences) require special approval for admission. Complete regulations for all the qualifications listed below are available in the University Calendar.

Page numbers are indicated only for the qualifications that are listed in the following section.

* General qualifications open to any eligible student  § No new enrolments being accepted  ◊ New qualification subject to approval

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* General qualifications open to any eligible student  
§ No new enrolments being accepted  
◊ New qualification subject to approval
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### Division of Health Sciences

#### Dentistry

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#### Health Sciences

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* General qualifications open to any eligible student § No new enrolments being accepted ◊ New qualification subject to approval
Major subjects and endorsements, and minor subjects

For most qualifications you need to specify at least one subject of specialisation (whether definite or potential) when enrolling.

For undergraduate degrees, this can be called either a major subject (for BA, MusB, BPhEd, BSc, BAppSc, BCom, BHealSc, BBiomedSc, BASc) or an endorsement (BTchg, BTheol, MusB). The Diploma for Graduates can also have endorsements. One or more lesser specialisations, called minor subjects, can also be specified for some degrees (BA, MusB, BPA, BTheol, BSc, BAppSc, BCom, BHealSc and BASc, although some subjects may not be included in MusB, BPA, or BTheol programmes) – see pages 99-105 for details of the papers required in each case.

In the list below, the name of each subject is given, together with the qualification or qualifications for which it may be taken as a major subject (M) or endorsement (E). Subjects available as minor subjects are also indicated (m).

All of the major subjects for BA, BSc, BAppSc (other than those marked with asterisks and not also available for BA or BSc) may also be taken as major subjects for BASc.

Many specialised or professional bachelors’ degrees don’t have major subjects specified as the discipline of each qualification is included in its title (Bachelor of Dental Surgery, Dental Technology, Laws, Medical Laboratory Science, Medicine and Surgery, Oral Health, Performing Arts, Pharmacy, Physiotherapy, Social Work, Surveying).

Many of the subjects listed below, and a variety of additional subjects, are available as subjects or endorsements for postgraduate qualifications (see entries elsewhere in this Guide or the University website for details).

* Available as a major subject for BAppSc only as a second major subject. See pages 81-82 for details.

| Accounting | M/E | BCom/BAppSc*/DipGrad | m |
| Advertising | E | DipGrad |
| Anatomy | M/E | BSc/BAppSc*/BASc/DipGrad | m |
| Anthropology | M/E | BA/BAppSc*/BASc/DipGrad | m |
| Applied Geology | M/E | BAppSc*/BASc/DipGrad | m |
| Aquaculture and Fisheries | M/E | BAppSc*/BASc/DipGrad | m |
| Art History and Visual Culture | M/E | BA/BASc/DipGrad |
| Asian Studies | M/E | BA/BASc/DipGrad |
| Biblical Studies | M/E | BTheol/BA/BASc/DipGrad |
| Biochemistry | M/E | BSc/BAppSc*/BASc/DipGrad |
| Botany | M/E | BSc/BAppSc*/BASc/DipGrad |
| Buddhist Studies | E | DipGrad |
| Chemistry | M/E | BSc/BAppSc*/BASc/DipGrad |
| Chinese | M/E | BA/BASc/DipGrad |
| Christian Thought and History | M/E | BTheol/BA/BASc/DipGrad |
| Classical Music | m |
| Classics | M/E | BA/BASc/DipGrad |
| Clothing and Textile Sciences | M/E | BSc/BAppSc*/BASc/DipGrad |
| Clothing, Textiles and the Human Environment | m |
| Communication Studies | M/E | BA/BAppSc*/BASc/DipGrad |
| Community Health Care | M | BHealSc |
| Composition | E | MusB |
| Computational Modelling | M/E | BAppSc*/BASc/DipGrad |
| Computer Science | M/E | BSc/BAppSc*/BASc/DipGrad |
| Consumer Food Science | M/E | BAppSc*/BASc/DipGrad |
| Criminology | m |
| Dance Education | E | BEDSt |
| Dance Studies* | m |
| Data Science | M | BAppSc/BASc |
| Drama Education | E | BEDSt |
| Drugs and Human Health | M | BBiomedSc |
| Early Childhood Education | E | BTchg |
| Ecology | M/E | BSc/BAppSc*/BASc/DipGrad |
| Economics | M/E | BCom/BA/BSc/BAppSc*/BASc/DipGrad |
| Education | M/E | BA/BASc/DipGrad |
| Electronics | M/E | BSc/BAppSc*/BASc/DipGrad |
| Energy Management | M/E | BAppSc/BASc/DipGrad |
| Energy Science and Technology | M/E | BSc/BASc/DipGrad |
| English | M/E | BA/BASc/DipGrad |
| English and Linguistics | M/E | BA/BASc/DipGrad |
| English for Speakers of Other Languages | E | BEDSt |
| Entrepreneurship | m |
| Environment and Society | m |
| Environmental Management | M/E | BAppSc/BASc/DipGrad |
| Environmental Toxicology | m |
| Ethnomusicology | m |
| European Studies | M/E | BA/BASc/DipGrad |
| Exercise and Sport Science | M | BPhEd/BSc/BASc |
| Family and Society | E | BEDSt |
| Film and Media Studies | M/E | BA/BASc/DipGrad |
| Finance | M/E | BCom/BAppSc*/DipGrad |
| Food Science | M/E | BSc/BAppSc*/BASc/DipGrad |
| Food Service Management | m |
| Forensic Analytical Science | M/E | BAppSc/BASc/DipGrad |
| French | M/E | BA/BASc/DipGrad |
| Functional Human Biology | M | BBiomedSc |
| Gender Studies | M/E | BA/BASc/DipGrad |
| Genetics | M/E | BSc/BAppSc*/BASc/DipGrad |
| Geographic Information Systems | M/E | BAppSc/BASc/DipGrad |

* Available as a major subject for BAppSc only as a second major subject. See pages 81-82 for details.
Geography M/E BA/BSc/BAppSc*/BASc/DipGrad m
Geology M/E BSc/BAppSc*/BASc/DipGrad m
German M/E BA/BASc/DipGrad m
Greek m
Health Education E BEdSt
History M/E BA/BASc/DipGrad m
Hospitality m
Human Nutrition M/E BSc/BAppSc*/BASc/DipGrad m
Human Resource Management M/E BCom/DipGrad m
Human Services Law m
Indigenous Development/He Kura Matanui M/E BA/BASc/DipGrad m
Infection and Immunity M BBiomedSc
Information and Communication Technologies E BEdSt
Information and Communications Technology E DipGrad
Information Science M/E BConv/BA/BSc/BAppSc*/BASc/DipGrad m
International Business M/E BConv/BAppSc*/DipGrad m
Irish Studies m
Japanese M/E BA/BASc/DipGrad m
Land Planning and Development M/E BSc/BASc/DipGrad m
Latin m
Language and Linguistics M/E BA/BASc/DipGrad m
Language Teaching E BEdSt
Linguistics M/E BA/BASc/DipGrad m
Literacy E BEdSt
Literature E BEdSt m
Management M/E BConv/BAppSc*/DipGrad m
Māori Health M BHealSc m
Māori Studies M/E BA/BEdSt/BAppSc*/BASc/DipGrad m
Marine Science m
Marketing Management M/E BConv/BAppSc*/DipGrad m
Mathematics M/E BSc/BAppSc*/BASc/DipGrad m
Mathematics Education E BEdSt
Microbiology M/E BSc/BAppSc*/BASc/DipGrad m
Molecular Basis of Health and Disease M BBiomedSc
Molecular Biotechnology M/E BAppSc/BASc/DipGrad m
Music M/E BA/BASc/DipGrad m
Music Education E BEdSt
Music Technology m
Neuroscience M/E BSc/BASc/DipGrad m
Nutrition and Metabolism in Human Health M BBiomedSc
Nutrition Communication m
Oceanography M/E BSc/BASc/DipGrad m
Pacific and Global Health M BHealSc m
Pacific Islands Studies M/E BA/BAppSc*/BASc/DipGrad m
Pastoral Studies E BTheol/DipGrad m
Pathology m
Performance E MusB
Pharmacology M/E BSc/BAppSc*/BASc/DipGrad m
Philosophy M/E BA/BConv/BASc/DipGrad m
Philosophy, Politics and Economics M/E BA/BCom/BASc/DipGrad m
Physical Activity and Health M BPhEd
Physical Education E BEdSt
Physical Education, Activity and Health M BAppSc/BASc
Physics M/E BSc/BAppSc*/BASc/DipGrad m
Physiology M/E BSc/BAppSc*/BASc/DipGrad m
Plant Biotechnology M/E BSc/BAppSc*/BASc/DipGrad m
Politics M/E BA/BAppSc*/BASc/DipGrad m
Popular Music m
Primary Bicultural Education (Te Pōkai Mātauranga o te Ao Rua) E BTchg
Primary Education E BTchg
Professional Studies M BPHEd
Psychology M/E BSc/BAppSc*/BASc/DipGrad m
Public Health M BHealSc m
Religious Education E BEdSt
Religious Studies M/E BA/BASc/DipGrad m
Reproduction, Genetics and Development M BBiomedSc
Responsible Leadership m
Science Communication m
Science Education E BEdSt
Social Sciences Education E BEdSt
Sociology M/E BA/BAppSc*/BASc/DipGrad m
Software Engineering M/E BAppSc/BASc/DipGrad m
Spanish M/E BA/BASc/DipGrad m
Sport and Exercise Nutrition M/E BAppSc/BASc/DipGrad m
Sport and Leisure Studies M BPhEd
Sport Development and Management M BA/BSc/BASc m
Sports Business E DipGrad
Sports Technology M/E BAppSc/BASc/DipGrad m
Statistics M/E BSc/BAppSc*/BASc/DipGrad m
Studio Production E MusB
Supplementary Nutritional Science E BAppSc*
Surveying Measurement M/E BSc/BASc/DipGrad
Technology Education E BEdSt
Telecommunications m
TESOL (Teaching English to Speakers of Other Languages) E BEd
Theatre Studies M/E BA/BASc/DipGrad m
Theology m
Tourism M/E BConv/BAppSc*/DipGrad m
Tourism, Languages and Cultures M BA/BASc
Visual Arts Education E BEdSt
Writing m
Zoology M/E BSc/BAppSc*/BASc/DipGrad m

M Major subject
E Endorsement
m Minor subject
* Available as a major subject for BAppSc only as a second major subject
+ Subject to approval
### Programme structures – examples

The three examples below show how some typical degree programmes can be constructed.

#### Structure for BSc - major subject Biochemistry (no minor subject specified)

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**Total** 360 points

**100-level**
- BIOC 192, CELS 191, CHEM 191; one of BIOL 112, 123, HUBS 191, 192

**200-level**
- BIOC 221, 222, 223

**300-level**
- BIOC 351, 352, 353, 360
  
  *With Head of Department approval, one 300-level BIOC paper may be replaced by another relevant 300-level paper*

**Plus** 162 further points (CHEM 111 and GENE 211 strongly recommended); must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

#### Structure for BCom - major subject Management, minor subject Chinese

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</tr>
<tr>
<td></td>
<td>CHIN 334</td>
<td>S1</td>
</tr>
<tr>
<td></td>
<td>MANT 346</td>
<td>S2</td>
</tr>
<tr>
<td></td>
<td>MANT 347</td>
<td>S2</td>
</tr>
<tr>
<td></td>
<td>MART 112</td>
<td>S2</td>
</tr>
</tbody>
</table>

**Total** 360 points

**100-level**
- MANT 101
- BSNS 111, 112, 113, 114, 115 - must normally be taken in first year of study

**200-level**
- MANT 250, 251; one further 200-level MANT paper

**300-level**

**Plus** 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.

**Total** 360 points

#### Structure for BA - major subjects Geography and History (double major programme)

<table>
<thead>
<tr>
<th>Year</th>
<th>Course Code</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GEOG 101</td>
<td>S1</td>
</tr>
<tr>
<td></td>
<td>HIST 107</td>
<td>S1</td>
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<td>CLAS 108</td>
<td>S1</td>
</tr>
<tr>
<td></td>
<td>GEOG 102</td>
<td>S2</td>
</tr>
<tr>
<td></td>
<td>HIST 108</td>
<td>S2</td>
</tr>
<tr>
<td></td>
<td>MAOR 102</td>
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<td>2</td>
<td>GEOG 280</td>
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<td></td>
<td>GEOG 282</td>
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<td>HIST 218</td>
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<td>HIST 303</td>
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<td></td>
<td>HIST 308</td>
<td>S1</td>
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<td></td>
<td>GEOG 382</td>
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<td></td>
<td>HIST 301</td>
<td>S2</td>
</tr>
<tr>
<td></td>
<td>GENG 393</td>
<td>S2</td>
</tr>
<tr>
<td></td>
<td>GEOG 397</td>
<td>S2</td>
</tr>
</tbody>
</table>

**Total** 360 points

**100-level**
- GEOG 101, 102

**200-level**
- GEOG 280; two further 200-level GEOG papers (excluding GEOG 290)
- three 200-level HIST papers

**300-level**
- GEOG 380; three further 300-level GEOG papers
- four 300-level HIST papers

**Plus** 36 further points.
Programme structures – requirements

The rest of this section summarises the requirements for most bachelors’ and honours degrees, undergraduate diplomas, and many (but not all) postgraduate qualifications, grouped according to the academic Divisions responsible for them.

Bachelor of Arts – BA

Normal BA programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of Department teaching your major subject.

- Every BA programme requires a minimum total of 360 points (normally 20 papers).
- Must include major subject requirements for at least one of the subjects in the following lists.
- Would normally have no more than 180 points at 100-level and must have at least 72 points at 300-level for each major subject.
- May include a specified minor subject. See pages 50 and 99 for details.
- Normally at least 270 points must be for papers in Arts and Music Schedule C (see page 106); the programme may include up to 90 points for papers from any other undergraduate degree, but this limit may be exceeded if additional points are needed to fulfil a major or minor subject requirement.

Papers at 100- to 300-level are normally worth 18 points each.

Anthropology

100-level Two 100-level ANTH papers
200-level One of ANTH 208, 210 or 211; two further 200-level ANTH papers
BiOA 201 may be substituted for one 200-level ANTH paper
300-level Four 300-level ANTH papers
BiOA 301 may be substituted for one 300-level ANTH paper
Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.
Total 360 points

Art History and Visual Culture

100-level Either two 100-level ARTV papers, or one 100-level ARTV paper and one 100-level HIST paper
200-level Two 200-level ARTV papers; an additional paper that may be a 200-level ARTV paper, a 200-level HIST paper, or one of ASIA 201, CHIN 242, CLAS 240, ENGL 215, 218, EURO 202, GEND 205, MFCO 201, 203, 213, 216, MUSI 261, 266, THEA 221
300-level Three 300-level ARTV papers; an additional paper that may be a 300-level ARTV paper, a 300-level HIST paper, or one of CHIN 342, CLAS 343, ENGL 334, 342, EURO 302, 304, GEND 305, MFCO 314, 316, 318, 319, 320, MUSI 361, PACI 301, RELS 328, SPAN 343, THEA 325
Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.
Total 360 points

Asian Studies

100-level ASIA 101, RELS 102
200-level ASIA 201 or 202; one of ANTH 203, ARTV 206, CHIN 241, 242, 243, 244, HIST 204, 211, JAPA 242, 243, 244, MUSI 268; one of RELS 209, 212, 216, 226, 227
300-level ASIA 301 or 302; one of CHIN 342, 343, 344, JAPA 342, 343, 344; two of HIST 303, 304, 314, MANT 341, 348, MUSI 368, POLS 318, RELS 309, 310, 312, 316, 326, 327, 328
Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.
Total 360 points

Biblical Studies

100-level BIBS 112, 121
200-level Three 200-level BIBS papers, one of which may be replaced with a 200-level CHTH paper
300-level Four 300-level BIBS papers, one of which may be replaced with a 300-level CHTH paper
Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.
Total 360 points

Chinese

100-level CHIN 131, 132; one of ASIA 101, GLBL 101
200-level CHIN 231, 232; one of CHIN 241, 242, 243, 244, 250, ASIA 201, 202, GLBL 201, 202, HIST 204
300-level CHIN 334, 335; two of CHIN 342, 343, 344, ASIA 301, 302, GLBL 301, 302, HIST 304, POLS 318
Plus 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.
Total 360 points

Students with a previous knowledge of Chinese will be placed in CHIN language papers appropriate to their knowledge of Chinese. Students placed in 200- or 300-level language papers will still have to pass approved papers worth 180 points in order to major in Chinese.

Christian Thought and History

100-level CHTH 102, CHTH 111 or 131
200-level Three 200-level CHTH papers, one of which may be replaced with a 200-level BIBS paper
300-level Four 300-level CHTH papers, one of which may be replaced with a 300-level BIBS paper
Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.
Total 360 points

The rest of this section summarises the requirements for most bachelors’ and honours degrees, undergraduate diplomas, and many (but not all) postgraduate qualifications, grouped according to the academic Divisions responsible for them.
Bachelor of Arts – BA continued

### Classics (including Classical Studies, Greek and Latin)

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level CLAS, GREK or LATN papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Three 200-level CLAS, GREK or LATN papers</td>
</tr>
<tr>
<td>300-level</td>
<td>Four papers from 300-level CLAS, GREK or LATN papers, PHIL 335</td>
</tr>
</tbody>
</table>

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### Communication Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MFCO 102, 103</td>
</tr>
<tr>
<td>200-level</td>
<td>MFCO 202; two further papers from 200-level MFCO papers, GEND 205</td>
</tr>
<tr>
<td>300-level</td>
<td>MFCO 303; three further papers from 300-level MFCO papers, GEND 305</td>
</tr>
</tbody>
</table>

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### Computer Science

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>COMP 101, 160, ENGL 127; one of MATH 151, 160, 170, COMO 101, STAT 110, 115, BSNS 112, FINC 102, or an approved alternative</td>
</tr>
<tr>
<td>200-level</td>
<td>COSC 241, 242, 243, 244</td>
</tr>
<tr>
<td>300-level</td>
<td>COSC 326; three of COSC 301, 341, 342, 343, 344, 345, 349, 360</td>
</tr>
</tbody>
</table>

Plus 144 further points (COMP 150 recommended); must include 36 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### Economics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BSNS 113, ECON 112</td>
</tr>
<tr>
<td>200-level</td>
<td>ECON 201 or 271; ECON 202; one further 200-level ECON paper</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level ECON papers</td>
</tr>
</tbody>
</table>

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### Education

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>EDUC 101, 102</td>
</tr>
<tr>
<td>200-level</td>
<td>Three 200-level EDUC papers</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level EDUC papers</td>
</tr>
</tbody>
</table>

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### English

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>ENGL 121 or 131; one further paper from ENGL 120, 121, 127, 128, 131, LING 111</td>
</tr>
<tr>
<td>200-level</td>
<td>Three papers from 200-level ENGL</td>
</tr>
</tbody>
</table>

**EURO 202 may be substituted for one 200-level ENGL paper**

| 300-level | Four papers from 300-level ENGL |

**EURO 302 may be substituted for one 300-level ENGL paper**

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### English and Linguistics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>One 100-level ENGL paper (excluding ENGL 126); LING 111</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level ENGL papers; two 200-level LING papers (excluding LING 231)</td>
</tr>
<tr>
<td>300-level</td>
<td>Two 300-level ENGL papers; two 300-level LING papers</td>
</tr>
</tbody>
</table>

Plus 180 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### European Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>EURO 101, HIST 108; one of FREN 132, GERM 132, SPAN 132 (may be replaced by an approved 200- or 300-level FREN, GERM, or SPAN paper)</td>
</tr>
<tr>
<td>200-level</td>
<td>EURO 202; one of ARTV 202, 203, 204, CLAS 232, 238, ENGL 214, 215, 218, FREN 250, MUSI 223, 261, SPAN 243; one of HIST 217, 223, 225, PHIL 226, 227, 228, POLS 216</td>
</tr>
<tr>
<td>300-level</td>
<td>EURO 304; one of ARTV 302, 303, 304, 308, 309, CLAS 337, 343, ENGL 311, 312, 313, 314, 315, 319, 335, FREN 341, 350, GERM 341, MFCO 314, 316, MUSI 323, 361, SPAN 342, 343; one of HIST 301, 307, 325, POLS 301, 310, 312, 315, 325; one further 300-level paper from the lists above</td>
</tr>
</tbody>
</table>

Plus 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

### Film and Media Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MFCO 101, 102</td>
</tr>
<tr>
<td>200-level</td>
<td>MFCO 210; two further papers from 200-level MFCO papers, ASIA 201, CHIN 242, GEND 205</td>
</tr>
<tr>
<td>300-level</td>
<td>MFCO 301; three further 300-level MFCO papers</td>
</tr>
</tbody>
</table>

**Either CHIN 342 or GEND 305 may be substituted for one MFCO paper**

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

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Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?
Talk to a course adviser.
[otago.ac.nz/courseadvice](otago.ac.nz/courseadvice)
Bachelor of Arts – BA continued

French
100-level FREN 131, 132, GLBL 101
200-level FREN 232, 233, and one of FREN 250, EURO 202, GLBL 201, 202
300-level FREN 333, 334; two of FREN 335, 336, 341, 350, EURO 302, GLBL 301, 302

Plus 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

Students with previous knowledge of French will be placed in FREN language papers appropriate to their knowledge of French. Students placed in 200- or 300-level language papers will still have to pass approved papers worth 180 points in order to major in French.

Gender Studies
100-level GEND 101, 102
200-level GEND 201; two of GEND 205, 206, 207, 208, 209, 210; one of which may be replaced with ANTH 205, ARTV 202, CHIN 241, CLTE 204, GEOG 210, HIST 215, 234, MFCO 212, POLS 202, RELS 209, or SOCI 205
300-level Four of GEND 305, 306, 307, 308, 309, 310, 311, 334; one of which may be replaced with ANTH 316, 322, 327, ARTV 302, 305, 306, EDUC 318, MFCO 301, RELS 309, or SOCI 302 or 305

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

Geography
100-level GEOG 101, 102
200-level GEOG 280; two further 200-level GEOG papers (excluding GEOG 290)
300-level GEOG 380; three further 300-level GEOG papers

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

German
100-level GERM 131, 132, GLBL 101
200-level GERM 230, 231; one of EURO 202, GLBL 201, 202
300-level GERM 331, 334; two of GERM 335, EURO 302, GLBL 301, 302, MFCO 316

Plus 162 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

Students with previous knowledge of German will be placed in GERM language papers appropriate to their knowledge of German. Students placed in 200- or 300-level language papers will still have to pass approved papers worth 180 points in order to major in German.

History
100-level Two 100-level HIST papers

Any 100-level ARTV paper may be substituted for one 100-level HIST paper

200-level Three 200-level HIST papers

Any 200-level ARTV paper, CHIN 244, CHTH 206, ENVI 211, ENGL 215 or MAOR 207 may be substituted for one 200-level HIST paper

300-level Four 300-level HIST papers

Any 300-level ARTV paper, CHIN 344, or MAOR 307 may be substituted for one 300-level HIST paper

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

Indigenous Development / He Kura Matanui
100-level MAOR 102, 110
200-level MAOR 202; two of ANTH 204, 205, 206, 208, GEOG 278, HIST 223, 226, MAOR 203, 204, 207, 208, 210, 211, 212, 213, MFCO 212, PACI 201, 210, POLS 202, 207, PUBH 203, SPAN 243, SPEX 206
300-level INDV 301 or 302; any three of ANTH 324, ECON 303, ENGL 332, GEOG 378, HIST 327, INDV 307, MANT 341, MAOR 303, 304, 307, 308, 310, 311, 312, 313, 316, MRT 305, MFCO 318, PACI 301, 310, SPAN 343, SPEX 306, TOUR 301, 306

Plus 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

300-level papers selected should be consistent with interdisciplinary choices at 200-level. Approved papers may be drawn from those offered by other Divisions.

Information Science
100-level COMP 101, 160*
200-level INFO 201, 202, 203, 204
300-level INFO 301, 302; two further 300-level INFO papers

Plus 180 further points (it is recommended that BSNS 112 or STAT 110 be included); must include 36 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

*In exceptional circumstances (such as having prior programming experience) and with approval from the Head of Department, the COMP 160 requirement may be waived or the paper replaced with COMP 150.

Japanese
100-level Two of JAPA 131, 132; one of ASIA 101, GLBL 101, LING 111
200-level JAPA 231, 233; one of JAPA 242, 243, 244, ASIA 201, GLBL 201, 202
300-level JAPA 331, 332; two of JAPA 342, 343, 344, 351, ASIA 301, GLBL 301, 302

Plus 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

Total 360 points

Students with previous knowledge of Japanese will be placed in JAPA language papers appropriate to their knowledge of Japanese. Students placed in 200- or 300-level language papers will still have to pass approved papers worth 180 points in order to major in Japanese.
### Bachelor of Arts – BA continued

#### Language and Linguistics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>LING 111; two 100-level papers in one of the following languages: Chinese, French, German, Greek, Japanese, Latin, Māori, Spanish</td>
</tr>
<tr>
<td>200-level</td>
<td>two 200-level LING papers (excluding LING 231); two 200-level papers in the language taken at 100-level</td>
</tr>
<tr>
<td>300-level</td>
<td>Two 300-level LING papers; two 300-level papers in the language taken at 200-level</td>
</tr>
<tr>
<td>Plus</td>
<td>162 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Linguistics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>LING 111; any 100-level paper in Linguistics, Chinese, English (excluding ENGL 126), French, German, Greek, Hebrew, Japanese, Latin, Māori Language (MAOR 110, 111, 112), Sanskrit, or Spanish</td>
</tr>
<tr>
<td>200-level</td>
<td>Three 200-level LING papers</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level LING papers</td>
</tr>
<tr>
<td>Plus</td>
<td>198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Māori Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MAOR 102, 111, 112</td>
</tr>
<tr>
<td>200-level</td>
<td>MAOR 211, 212; one further 200-level MAOR paper or PACI 201</td>
</tr>
<tr>
<td>300-level</td>
<td>MAOR 311, 312; one additional 300-level MAOR paper; one further paper from 300-level MAOR or INDV papers or PACI 301</td>
</tr>
<tr>
<td>Plus</td>
<td>180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Mathematics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MATH 160, 170; STAT 110 or 115 (or STAT 261 or 270 in approved cases)</td>
</tr>
<tr>
<td>200-level</td>
<td>MATH 201, 202, 203</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level MATH or COMO papers</td>
</tr>
<tr>
<td>Plus</td>
<td>180 further points; must include at least 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Music

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MUSI 101; one of MUSI 102, 103, 104, 105</td>
</tr>
<tr>
<td>200-level</td>
<td>MUSI 201; 36 further MUSI points at 200-level or above</td>
</tr>
<tr>
<td>300-level</td>
<td>72 300-level MUSI points</td>
</tr>
<tr>
<td>Plus</td>
<td>198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

Papers at 100- to 300-level are normally worth 18 points each.

#### Pacific Islands Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>PACI 110; one of ANTH 103, 105, HIST 107, MAOR 102, MFCO 102, PACI 102, 103</td>
</tr>
<tr>
<td>200-level</td>
<td>PACI 201 or 210; ANTH 204; one of ANTH 205, GEOG 278, HIST 208, MAOR 207, MFCO 212, MUSI 268, or approved Special Topic papers relevant to the Pacific Islands in ANTH, ARTV, CHTH, GEOG, HIST, MAOR</td>
</tr>
<tr>
<td>300-level</td>
<td>PACI 301 or 310; three of ANTH 316, GEOG 378, HIST 337, INDV 307, MAOR 307, MUSI 368, POLS 320, SOWK 304, or approved Special Topic papers relevant to the Pacific Islands in ANTH, ARCH, ARTV, CHTH, GEOG, HIST, MAOR</td>
</tr>
<tr>
<td>Plus</td>
<td>198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Philosophy

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level PHIL papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level PHIL papers; one further PHIL paper at 200-level or above</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level PHIL papers</td>
</tr>
<tr>
<td>Plus</td>
<td>198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Philosophy, Politics and Economics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BSNS 113, ECON 112; one 100-level PHIL paper (PHIL 103 recommended); one 100-level POLS paper (POLS 102 recommended)</td>
</tr>
<tr>
<td>200-level</td>
<td>PHPE 201; ECON 201 or 271; one further 200-level ECON paper; one 200-level PHIL paper; one 200-level POLS paper; one further 200-level PHIL, POLS or ECON paper</td>
</tr>
<tr>
<td>300-level</td>
<td>Six 300-level ECON, PHIL, PHPE or POLS papers, including at least one paper in each of Economics, Philosophy, and Politics. CLAS 340 may be substituted for one 300-level PHIL paper</td>
</tr>
<tr>
<td>Plus</td>
<td>72 further points which may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

#### Politics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two of POLS 101, 102, 104, 105</td>
</tr>
<tr>
<td>200-level</td>
<td>two 200-level POLS papers; one further POLS paper at 200-level or above</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level POLS papers</td>
</tr>
<tr>
<td>Plus</td>
<td>198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>
**Bachelor of Arts – BA continued**

**Psychology**

100-level  PSYC 111, 112; in addition STAT 110 or 115 is recommended

200-level  PSYC 210, 211, 212

300-level  Four of PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327

*Students intending to advance to postgraduate study should also take PSYC 311*

*Plus* 198 further points, which may include STAT 110 or 115; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

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**Religious Studies**

100-level  RELS 101, 102

200-level  Three 200-level RELS papers;

*PHIL 229 may be substituted for one paper*

300-level  Four 300-level RELS papers;

*BIBS 317 may be substituted for one paper*

*Plus* 198 further points; must include 18 points in BIBS or CHTH and 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

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**Sociology**

100-level  SOCI 101, 102

200-level  SOCI 201:

two further 200-level SOCI papers one of which may be replaced with any 200-level GEND paper or CRIM 201 or SPEX 208

300-level  SOCI 301:

three further papers from GEND 311 and 300-level SOCI papers, one of which may be replaced with any 300-level GEND paper or SPEX 312 or SPEX 315

*Plus* 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

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**Spanish**

100-level  SPAN 131, 132, GLBL 101

200-level  SPAN 231, 232;

one of SPAN 233, 243, 250, 251, EURO 202, GLBL 201, 202

300-level  SPAN 331, 332;

two of SPAN 341, 342, 343, 350, 351, EURO 302, GLBL 301, 302

*Plus* 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

*Students with previous knowledge of Spanish will be placed in SPAN language papers appropriate to their knowledge of Spanish. Students placed in 200- or 300-level language papers will still have to pass approved papers worth 180 points in order to major in Spanish.*

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**Tourism, Languages and Cultures**

100-level  TOUR 101, 102

200-level  TOUR 217, 218, 219

300-level  Two of TOUR 301, 303, 304, 305, 306

*Plus* 234 further points comprising: 126 points of approved language and/or culture papers, including a minimum of two language acquisition papers in one particular language (Chinese, French, German, Japanese, Spanish, Māori) and at least two 300-level papers drawn from the offerings of the Department of Languages and Cultures and/or Te Tumu, the School of Māori, Pacific and Indigenous Studies; one additional 18-point paper from either Tourism or Languages and Cultures; and further Arts papers worth 90 points

At least 90 of these 234 points must be at 200-level or above.

**Total** 360 points

*Students with previous experience of a second language will be placed in language papers appropriate to their experience.*

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**Statistics**

100-level  STAT 110 or 115;

*MATH 160, 170*

200-level  STAT 210 or 241;

*STAT 260 (not required if STAT 380 passed previously); STAT 261 or 270; MATH 202 or 203*

300-level  STAT 370;

*three of STAT 311, 341, 342, 352, 372, 399*

*Plus* 162 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

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**Theatre Studies**

100-level  THEA 122, 151, 152

200-level  THEA 221;

*two further 200-level THEA papers*

*MUSI 265 or PERF 205 may be substituted for one THEA paper*

300-level  THEA 370;

*four of THEA 301, 302, 303, 304, 305, 306*

*Plus* 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Arts.

**Total** 360 points

*THEA 152 should normally be taken in the first or second year of the programme.*

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**Sport Development and Management**

100-level  SPEX 101, 102

200-level  SPEX 204, 208, 209

300-level  Four of SPEX 304, 312, 313, 314, 315

*Plus* 198 further points (ANAT 101, PHSL 101, SPEX 206 recommended); must include 54 points at 200-level or above.

Up to 90 points may be taken from outside Arts.

**Total** 360 points

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Papers at 100- to 300-level are normally worth 18 points each.
Bachelor of Arts with Honours – BA(Hons)

otago.ac.nz/courses/bahons.html

Normal BA(Hons) programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of Department.

To be admitted, students must have completed a Bachelor of Arts degree, majoring in the subject or subjects of study proposed, with an average grade of at least B+ for the appropriate 300-level papers. In some cases, specific papers must have been passed as part of or in addition to the major subject requirements in the BA programme. The Honours programme must normally be completed in one year of full-time study or in two years of part-time study.

A student with an Honours degree in one subject may take a second Honours degree in a different subject, and combined Honours programmes (including papers from two subjects) are also possible.

The due date for applications is 10 December, although late applications will be considered.

Prerequisites: papers which must have been passed as part of, or in addition to, the major subject requirements for the subject concerned in the preceding ordinary degree programme.

**Anthropology**

ANTH 490 or ANTH 495 or ANAT 490;
three further 400-level ANTH papers

BIOA 401 may be substituted for one 400-level ANTH paper

**Art History and Visual Culture**

ARTV 490;
two further 400-level ARTV papers, and one additional paper in a relevant discipline approved by the Head of the Department of History and Art History

**Biblical Studies**

BIBS 490;
three further 400-level BIBS papers

One 400-level CHTH, MINS, PAST or RELS paper may be substituted for one 400-level BIBS paper

Prerequisites: 36 points of either Greek or Hebrew language (or other combinations of papers comprising one year of Greek or Hebrew language study)

**Chinese**

CHIN 441, 451, 452, 490

**Christian Thought and History**

CHTH 490;
three further 400-level CHTH papers

One 400-level BIBS, MINS, PAST or RELS paper may be substituted for one 400-level CHTH paper

**Classics (including Classical Studies, Greek and Latin)**

CLAS 490;
three further 400-level CLAS or GREK or LATN papers

**Communication Studies**

MFCO 490, 401;
two further 400-level MFCO papers, or other approved papers

**Computer Science**

COSC 490;
four of COSC 402, 410, 411, 412, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471

Prerequisites: At least five 300-level papers including COSC 326, 341, and at least two of COSC 301, 342, 343, 344, 345, 346, 360

**Economics**

ECON 480;
four of ECON 402, 403, 404, 405, 406, 407, 410, 411, 412, 413, including at least one of ECON 410 and ECON 411, and at least one of ECON 412 and ECON 413

Prerequisites: ECON 375 and 377, two further 300-level ECON papers plus 18 further 300-level points

**Education**

EDUC 480, 407;
three further 400-level EDUC papers

Students who have already passed EDUC 351 may substitute EDUC 422 or 427 or an advanced research methods course, approved by the Dean of the College of Education, for EDUC 407.

**English**

ENGL 490;
three further 400-level ENGL papers

**Film and Media Studies**

MFCO 490, 401;
two further 400-level MFCO papers, or other approved papers

**French**

FREN 441, 451, 452, 490

**Gender Studies**

GEND 401, 490;
two of ANTH 416, 423, ARTV 405, 406, EDUC 427, HIST 406, MFCO 408, PACI 401, POLS 411, SOCI 401, 402, 403 or other approved papers

**Geography**

GEOG 490;
three further 400-level GEOG or DEVS papers

**German**

GERM 441, 451, 452, 490

**History**

HIST 490 and 452;
two further 400-level HIST papers

ENGL 404, GEND 401, MAOR 407, or any 400-level ARTV paper may be substituted for one 400-level HIST paper
Bachelor of Arts with Honours – BA(Hons) continued

Indigenous Development/He Kura Matanui
INDV 402, MAOR 414, 490;
one of ANTH 416, MAOR 404, 407, 410, 417, 431, PACI 401, 402, 410,
POLS 402
400-level papers selected should be consistent with interdisciplinary choices
at 300-level. Approved papers may be drawn from those offered by other
Divisions.

Information Science
INFO 490;
four papers from 400-level INFO papers
Prerequisites: INFO 301, 302, and three further 300-level INFO papers

Japanese
JAPA 441, 451, 452, 490

Linguistics
LING 490;
three further 400-level LING papers

Māori Studies
MAOR 414, 490;
two further 400-level MAOR, INDV or PACI papers including at least one
of MAOR 427 or 431

Mathematics
MATH 490;
four 400-level MATH or STAT papers including at least three MATH
papers
Prerequisites: At least five 300-level papers including at least four
300-level MATH papers

Music
MUSI 490;
60 further points from MUSI 403, 407, 410 and 442
Prerequisites: One of MUSI 220 or 320, MUSI 225 or 325, or MUSI 269
or 369

Philosophy
PHIL 490;
three further papers from 400-level PHIL papers or CLAS 440
Prerequisites: One of PHIL 105 or PHIL 222 or equivalent

Philosophy, Politics and Economics
Either ECON 492 or PHIL 490;
plus three further 400-level ECON, PHIL or POLS papers
No more than 100 points may be from any one of the component disciplines

Psychology
PSYC 490;
eight of PSYC 401, 402, 403, 404, 405, 406, 421, 422, 423, 424, 425, 426,
Prerequisites: at least five 300-level papers including PSYC 311 and
four from PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327

Religious Studies
RELS 490, 415;
two further 400-level RELS papers
An approved paper may be substituted for one 400-level RELS paper

Sociology
SOCI 490;
three further 400-level SOCI papers

Spanish
SPAN 441, 451, 452, 490

Statistics
STAT 490;
four 400-level STAT papers
Prerequisites: STAT 362 or 370; STAT 380 or 399; two further 300-level
STAT papers, MATH 202, 203

Theatre Studies
400-level THEA papers worth 120 points, including THEA 490 and/or
THEA 451, and including THEA 423 if THEA 323 has not previously been
passed.
An approved paper at 400-level or above may be substituted for one
20-point THEA paper

Questions about your degree structure, or
thinking of taking more than one major subject
or doing a double degree programme?
Talk to a course adviser.
otago.ac.nz/courseadvice
Postgraduate Diploma in Arts Subjects – PGDipArts

either six of COSC 402, 410, 411, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471
or
One of COSC 480 or 490 and four of COSC 402, 410, 411, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471

Economics
120 points from 400-level ECON papers
Prerequisites: ECON 375, 377

Information Science
120 points selected from 400-level INFO papers
Note: May include INFO 490, but not required

Master of Arts – MA

To be admitted, students must be graduates, normally with an average grade of at least B+ in the papers at the highest level they have studied.

There are two ways of achieving the degree. The thesis option is chiefly intended for students who hold a BA(Hons) degree or a PGDipArts (or equivalent) and requires the completion of a thesis, and sometimes one or more 400-level papers as well. The coursework option (subject to approval) is for students who hold at least a BA degree (or equivalent) and involves five papers at 400- and 500-level together with a research dissertation (or a studio project for Theatre Studies). With a few exceptions and additions, the subjects for each option are as for BA(Hons). See the website for full details of subjects and requirements.

Master of International Studies – MIntSt

The normal MInstSt programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Programme Director (Professor Robert Patman, Department of Politics).

To be admitted, students must have an ordinary bachelor’s degree with an average grade of at least B+ in their 300-level papers, or hold an honours degree with upper second class honours or better, or have satisfactory alternative qualifications or experience.

INTS 502, 503, 504, 509 (30 points each);
INTS 590 (60 points)

Master of Peace and Conflict Studies – MPCS

The normal MPCS programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Director of the National Centre for Peace and Conflict Studies.

To be admitted, students must be graduates with an average grade of at least B+ in their final year of study, or have satisfactory alternative qualifications or experience.

The due date for applications is 10 December, although late applications will be considered. Students may also be admitted for commencement in the second semester.

PEAC 501 and 502 (30 points each);
either PEAC 590 or PEAC 595 (60 points);
two further 500-level PEAC papers (30 points each)
Master of Politics – MPols

[otago.ac.nz/courses/mpols.html](http://otago.ac.nz/courses/mpols.html)

The normal MPols programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Politics.

To be admitted, students must be graduates in Politics or a related discipline with an average grade of at least B+ in their 300-level papers, or have satisfactory alternative qualifications or experience.

The due date for applications is 10 December, although late applications will be considered.

**POLS 501 and three further 500-level POLS papers (120 points)**

**POLS 590 (60 points)**

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Bachelor of Music – MusB

[otago.ac.nz/courses/musb.html](http://otago.ac.nz/courses/musb.html)

Normal MusB programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Music.

The MusB requires a minimum total of 360 points with at least 180 points above 100-level, of which at least 72 must be at 300-level.

At least 270 points must normally be for papers in Music; the remaining points may come from any undergraduate degree.

May include a specified minor subject. See pages 50 and 99 for details.

**100-level**

MUSI 101;

one of MUSI 102, 103, 104, 105

**200-level**

MUSI 201;

36 further 200- or 300-level MUSI points

**300-level**

72 300-level MUSI points

**Plus**

198 further points, including at least 54 above 100-level, comprising 108 further MUSI points (for 18 of which MAOR 108, PERFORM 205 or PERFORM 305 may be substituted) and 90 further points (any subject)

**Total**

360 points

This programme does not have provision for major subjects. A programme may be completed without endorsement, or may be endorsed in one of the following areas of specialisation if it includes the papers specified.

### Composition

MUSI 331

### Performance

MUSI 341 or MUSI 346

### Studio Production

MUSI 332 and 334

one of MUSI 203, 233, 266, 269, 303, 333, 366, 369

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Bachelor of Music with Honours – MusB(Hons)

[otago.ac.nz/courses/musbhons.html](http://otago.ac.nz/courses/musbhons.html)

Normal MusB(Hons) programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Music.

To be admitted, students must have completed a Bachelor of Music degree, with an average grade of at least B+ for the appropriate 300-level papers. The Honours programme must normally be completed in one year of full-time study or two years of part-time study.

A student with an Honours degree in one subject may take a second Honours degree in a different subject, and Combined Honours programmes (including papers from two subjects) are also possible.

The due date for applications is 10 December, although late applications will be considered.

**Prerequisites:** papers which must have been passed as part of, or in addition to, the preceding ordinary degree programme.

### Composition

MUSI 431;  
MUSI 403, 407, 442  
**Prerequisite:** MUSI 331

### Music Research

MUSI 490;  
MUSI 403, 407, 442  
**Prerequisite:** MUSI 223, 225 or 269

### Musical Performance

MUSI 441 or 446;  
MUSI 403, 407, 442  
**Prerequisites:** at least a B+ grade in MUSI 341 or 346

### Recording and Production

MUSI 432;  
MUSI 403, 407, 442;  
**Prerequisite:** MUSI 332 or 333
Postgraduate Diploma in Music – PGDipMus

otago.ac.nz/courses/pgdipmus.html

The normal PGDipMus programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Music.

To be admitted, students must have completed a Bachelor of Music degree.

The due date for applications is 10 December, although late applications will be considered.

One of MUSI 431, 432, 441, 446 (60 points each);
three of MUSI 403, 407, 410, 442 (20 points each)

Bachelor of Performing Arts – BPA (programme requirements subject to approval)

otago.ac.nz/courses/bpa.html

The normal BPA programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Music.

May include a specified minor subject. See pages 50 and 99 for details.

100-level

THEA 153;
one of MUSI 103, 104, 105, THEA 122

Above 100-level

MUSI, THEA, PERF or DANC papers above 100-level worth 126 points, including 300-level papers worth at least 72 points

Plus further papers worth 198 points, including 54 above 100-level, comprising: MUSI, THEA, PERF or DANC papers worth 108 points (MAOR 108 may be substituted for one 18-point paper); and further papers in any subjects worth 90 points.

Total 360 points

Bachelor of Social Work – BSW

otago.ac.nz/courses/bsw.html

The normal BSW programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Sociology, Gender and Social Work.

Prospective BSW students should enrol initially for ‘Social Work Pre-professional (BA)’. Admission to the BSW programme is at the Third Stage, and applications are due by 1 November in the year before admission.

1st Stage compulsory papers

SOWK 111, SOCI 101, MAOR 102, 110;
EDUC 102 or PSYC 112

2nd Stage compulsory papers

SOWK 201, 236, SOCI 201, 205, 207;
SOCI 203 or CRIM 201

1st and 2nd Stage elective papers

Additional approved papers from Arts and Music Schedule C to make a total of at least 216 points (normally 12 papers)

3rd Stage

SOWK 301, 302, 303, 304, 320, 392

4th Stage

SOWK 402, 403, 480, 492;
plus one of SOWK 405, 406 or any other 400-level SOWK paper

Bachelor of Social Work with Honours – BSW(Hons)

otago.ac.nz/courses/bswhons.html

A Bachelor of Social Work with Honours (BSW(Hons)) degree is also offered. The first three years of the programme are as for the BSW degree but the final year’s course comprises SOWK 402, 403, 490 and 492.
Diploma in Global Cultures – DipGlobalC

[otago.ac.nz/courses/dipglobalc.html](otago.ac.nz/courses/dipglobalc.html)

The normal requirements for the DipGlobalC are set out below.

For further details consult the University Calendar or the Head of the Department of Languages and Cultures.

Seven papers, including GLBL 101, GLBL 201 or 202, GLBL 301 or 302, ASIA 101, EURO 202 or 302 and two of ASIA 201, 202, 301, 302, CHIN 241, 242, 243, 244, 342, 343, 344, FREN 341, JAPA 242, 243, 244, 342, 343, 344, MFCO 316, SPAN 243, 250, 251, 341, 342, 343, 350, 351, HIST 204, 304

At least two papers must be at 300-level.

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Diploma in Language – DipLang

[otago.ac.nz/courses/diplang.html](otago.ac.nz/courses/diplang.html)

The normal requirements for each endorsement for the DipLang are set out below.

For further details consult the University Calendar or the Head of the Department of Languages and Cultures.

Students admitted directly to papers at 200- or 300-level must replace their prerequisites with other papers in the subject concerned.

**Chinese**

Seven of CHIN 131, 132, 231, 232, 250, 334, 335, 344

**French**

Seven of FREN 131, 132, 232, 233, 333, 334, 335, 336

**German**

GERM 131, 132, 230, 231, 331, 334, 335

**Japanese**

Seven of JAPA 131, 132, 231, 233, 331, 332, 334, 351

**Spanish**

SPAN 131, 132, 231, 232, 233, 331, 332

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Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?

Talk to a course adviser.

[otago.ac.nz/courseadvice](otago.ac.nz/courseadvice)
Bachelor of Teaching – BTchg

otago.ac.nz/courses/btchg.html

Note: The structure of this programme was revised in 2016. Students will normally complete the programme under the regulations in force in the year of their first enrolment.

Normal BTchg programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the University of Otago College of Education website at otago.ac.nz/education

The due date to apply to enrol for the degree for the first time is 31 August of the year before enrolling. Late applications may be considered but prospective students are strongly advised to submit applications by the due date.

Papers at 100- to 300-level are normally worth 18 points.

Early Childhood Education

1st Year
EDUC 101, 102, EDCR 101, 102, EDPR 101, 102, EICT 199 (0 points), ELIT 199 (0 points), EMAT 197 (0 points);
18 Subject Studies points*

2nd Year
EDUC 211, EDCR 201, 202, 203, EDPR 201, 202;
18 Subject Studies points*

3rd Year
EDUC 311, EDCR 301, 302, EDPR 301, 302, 303
* Programme must include 36 points from EDUC, EDSU or other approved Subject Studies papers

Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education)

1st Year
EDUC 101, 102, EDCR 131, 132, 133, 152, EDPR 151, EICT 199 (0 points), ELIT 199 (0 points), EMAT 199 (0 points)

2nd Year
EDUC 252, EDCR 231, 232, 234, 252, 254, EDPR 251

3rd Year
EDUC 335, EDCR 331, 334, 335, EDPR 333, 351

Primary Education

1st Year
EDUC 101, 102, EDCR 131, 132, 133, EDPR 131, EICT 199 (0 points), ELIT 199 (0 points), EMAT 199 (0 points);
18 Subject Studies points*

2nd Year
EDUC 252, EDCR 231, 232, 233, 234, 235, 236, EDPR 231;
18 Subject Studies points*

3rd Year
EDUC 335, EDCR 331, 332, 334, 335, EDPR 331, 333
* Programme must include 36 points from EDUC, EDSU or other approved Subject Studies papers

With approval from the Programme Co-ordinator, students wishing to focus on early years schooling may substitute EDUC 311 for EDUC 335, and EDCR 301 for EDCR 332.

Undergraduate Initial Teacher Education (ITE) programmes not offered in 2019

New enrolments will not normally be accepted for the following programmes for intending teachers:

• Bachelor of Education (BEd) otago.ac.nz/courses/bed.html
• Bachelor of Education Studies (BEdSt) otago.ac.nz/courses/bedst.html
• Graduate Diploma in Education and Teaching (GradDipEdTchg) otago.ac.nz/courses/graddipetchg.html
• Graduate Diploma in Teaching (GradDipTchg) otago.ac.nz/courses/graddipchg.html

Current or former students enquiring about completing any of these programmes should email education@otago.ac.nz or telephone 0800 868 3224.

Master of Teaching and Learning – MTchgLn

otago.ac.nz/courses/mtchgln.html

This is a one-calendar-year postgraduate teacher education programme, with endorsements in Early Childhood Education, Primary Education and Secondary Education.

Refer to the University Calendar for details.
Applications due by 31 July of the year before enrolling.

Early Childhood Education
EDUC 471, 474, 475, 476, 574, 575; EICT 199; ELIT 199; EMAT 197

Primary Education
EDUC 471, 472, 473, 476, 572, 573; EICT 199; ELIT 199; EMAT 199

Secondary Education
EDUC 471, 476, 477, 478, 577, 578; EICT 199; ELIT 199; EMAT 196 or 197
Bachelor of Laws – LLB

[otago.ac.nz/courses/llb.html](otago.ac.nz/courses/llb.html)

The normal LLB programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Dean of the Faculty of Law.

A total of 334 points is required. In the first year, one Law paper – The Legal System (LAWS 101, 36 points) – is taken, along with a number of non-Law papers.

Admission to the second year Law course is determined chiefly on the basis of the student's academic record, particularly the mark obtained in LAWS 101. The due date for applications for the second year course is **1 October**.

### 1st Year
- **LAWS 101** (36 points);
- 108 points from any degree*

### 2nd Year
- **LAWS 201, 202, 203, 204** (30 points each);
- **LAWS 298** (0 points)

### 3rd and 4th Years
- **LAWS 301, 302** (30 points each);
- 210 further LAWS points (30 points of which may be from any other subject at 200-level or above);
- **LAWS 398, 498, 499** (0 points each)

*LAWS 101 and at least 72 non-LAWS points are normally taken in the first year; any further papers to make a total of 108 non-LAWS points must be taken in the third or fourth year.

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Bachelor of Law with Honours – LLB(Hons)

[otago.ac.nz/courses/llbhons.html](otago.ac.nz/courses/llbhons.html)

The normal LLB(Hons) programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Dean of the Faculty of Law.

Admission to the Honours programme is determined on the basis of performance in the LLB second year course, or after completing the second year course and 105 further LAWS points.

The due date for applications to the third year course is **1 December**.

Requirements as for LLB together with **LAWS 380 and 490**.

### 1st Year
- **LAWS 101** (36 points);
- 108 points from any degree*

### 2nd Year
- **LAWS 201, 202, 203, 204**;
- **LAWS 298** (0 points)

### 3rd and 4th Years
- **LAWS 301, 302** (30 points each);
- 210 further LAWS points (30 points of which may be from any other subject at 200-level or above);
- **LAWS 398, 498, 499** (0 points each)

### Honours requirements
- **LAWS 380** (taken in the third year);
- **LAWS 490** (taken in the fourth year)

---

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme? Talk to a course adviser.

[otago.ac.nz/courseadvice](otago.ac.nz/courseadvice)
Bachelor of Theology – BTheol

Normal BTheol programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Theology and Religion.

The BTheol requires a minimum total of 360 points with at least 180 points above 100-level, of which at least 72 must be at 300-level.

- Must include the following core papers:
  - BIBS 112, 111
  - CHTH 102, 111, 131
  - At least one of RELS 101, 102
  - CHTH 218 or 318
  - PAST 215 or 315
  - At least one of BIBS 211 or 311, or BIBS 218 or 318
  - At least one of BIBS 221 or 321, or BIBS 226 or 326
  - At least one of CHTH 206 or 306, or CHTH 233 or CHTH 333
  - At least 270 points must be for papers in Theology Schedule C (see page 102); the remaining points may come from any undergraduate degree.
  - Does not have provision for major subjects.
  - May include a specified minor subject (see pages 50 and 99 for details).

A programme may be completed without endorsement, or may be endorsed in one of the following areas of specialisation if it includes the papers specified below:

- **Biblical Studies**
  - A total of eight BIBS papers, including three at 300-level

- **Christian Thought and History**
  - A total of eight CHTH papers, including three at 300-level

- **Pastoral Studies**
  - A total of eight Pastoral Studies papers, including three at 300-level (for the purposes of this endorsement, BIBS 121, CHTH 102, and CHTH 131 may be counted as Pastoral Studies papers in addition to PAST papers)

Bachelor of Theology with Honours – BTheol(Hons)

Normal BTheol(Hons) programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Theology and Religion.

To be admitted, students must have completed a Bachelor of Theology degree, majoring or endorsed in the subject or subjects of study proposed, with an average grade of at least B+ for the appropriate 300-level papers. In some cases, specific papers must have been passed as part of or in addition to the major subject requirements in the BTheol programme. The Honours programme must normally be completed in one year of full-time study or two years of part-time study.

A student with an Honours degree in one subject may take a second Honours degree in a different subject, and Combined Honours programmes (including papers from two subjects) are also possible.

The due date for applications is **10 December**, although late applications will be considered.

**Prerequisites**: papers which must have been passed as part of, or in addition to, the major subject requirements for the subject concerned.

- **Biblical Studies**
  - BIBS 490, and three further 400-level BIBS papers.
  - A 400-level CHTH, MINS, PAST or RELS paper may be substituted for one 400-level BIBS paper.
  - **Prerequisites**: 36 points of either Greek or Hebrew language (or other combinations of papers comprising one year of Greek or Hebrew language study)

- **Christian Thought and History**
  - CHTH 490, and three further 400-level CHTH papers.
  - A 400-level BIBS, MINS, PAST or RELS paper may be substituted for one CHTH paper

- **Pastoral Studies**
  - PAST 490, and three further 400-level PAST or MINS papers.
  - One 400-level BIBS, CHTH, or RELS paper may be substituted for one 400-level PAST or MINS paper

Postgraduate Diploma in Theology – PGDipTheol

The PGDipTheol requirements for Biblical Studies, Christian Thought and History, and Pastoral Studies are the same as for the programme for the degree of Bachelor of Theology with Honours. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Theology and Religion.

The due date for applications is **10 December**, although late applications will be considered.
Master of Chaplaincy – MChap

otago.ac.nz/courses/mchap.html

The normal MChap programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Theology and Religion.

To be admitted, students must be graduates with an average grade of at least B+ in their 300-level papers, or have satisfactory alternative qualifications or experience.

The due date for applications is 10 December, although late applications will be considered.

- MINS 409, 410, 411 (20 points each)
- Three of BIBS 413, CHTH 415, 416, 420, 422, 423, MINS 405, 408, 412, 413, 414 (20 points each)
- MINS 590 (60 points)

The University also offers the following Chaplaincy qualifications:

- Postgraduate Certificate in Chaplaincy (PGCertChap) - achieved by passing either MINS 409, 410, 411 or two of MINS 409, 410, 411 plus one of BIBS 413, CHTH 415, 416, 420, 422, 423, MINS 405, 408, 412, 413, 414 (a total of 60 points)
- Postgraduate Diploma in Chaplaincy (PGDipChap) - achieved by passing MINS 409, 410, 411 plus three of BIBS 413, CHTH 415, 416, 420, 422, 423, MINS 405, 408, 412, 413, 414 (a total of 120 points)

Students who proceed from the certificate to the diploma or master's programme, or from the diploma to the master's programme, shall be exempted from any papers already passed for the earlier qualification.

Master of Faith-based Leadership and Management – MFBLM

otago.ac.nz/courses/mfblm.html

The normal structure of the programme for the degree of Master of Faith-based Leadership and Management is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Theology and Religion.

To be admitted, students must be graduates with an average grade of at least B+ in their 300-level papers, or have satisfactory alternative qualifications or experience.

The due date for applications is 10 December, although late applications will be considered.

- Three of CHTH 415, 420, 422, 423, MINS 406, 408 (20 points each);
- One other BIBS, CHTH, or MINS 400-level papers may be substituted for one paper
- Four of BMBA 501-513 (15 points each);
- MINS 590 (60 points)

The University also offers a Postgraduate Diploma in Faith-based Leadership and Management (PGDipFBLM) achieved by passing three of CHTH 415, 420, 422, 423, MINS 406, 408 (20 points each – one other BIBS, CHTH, or MINS 400-level papers may be substituted for one paper) and four of BMBA 501-513 (15 points each).

Students who proceed from the diploma to the master's programme may be exempted from any papers already passed for the diploma.

Master of Ministry – MMin

otago.ac.nz/courses/mmin.html

The normal MMin programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department of Theology and Religion.

To be admitted, students must be graduates in Theology and have acceptable experience in ministry, or have satisfactory alternative qualifications or experience.

The due date for applications is 10 December, although late applications will be considered.

- Three 400-level MINS papers (20 points each)
- Three 400-level BIBS or CHTH papers (20 points each)
- MINS 5 (90 points)

The University also offers a Postgraduate Diploma in Ministry (PGDipMin), achieved by passing three 400-level MINS papers and three 400-level BIBS or CHTH papers (a total of 120 points).

Students who proceed from the diploma to the master's programme shall be exempted from the papers for the degree already passed for the diploma.
Bachelor of Physical Education – BPhEd

togo.ac.nz/courses/bphed.html

No new enrolments will be accepted for this programme. The BPhEd structures set out below give the requirements for each major subject (at least one required) together with the points values and levels of other papers needed in each programme.

Current or returning BPhEd students may still complete the four-year programme, but with new SPEX papers instead of PHSE papers, which have been revised or renamed. Alternatively, students may transfer to one of the following new three-year programmes (subject to approval): BA or BSc degree majoring in Sport Development and Management; BSc degree majoring in Exercise and Sport Science, or BAppSc degree majoring in Physical Education, Activity and Health.

Students should contact the School of Physical Education, Sport and Exercise Sciences for advice on transitional arrangements and paper substitutions. For up to date information on programmes, go to www.otago.ac.nz/sopeses/news/otago670686.html.

Exercise and Sport Science

1st Year
- PHSE 101, 102, 103, PHSE 191, 192 (or HUBS 191, 192)
- STAT 110 or 115
- 18 points from any degree

2nd Year
- PHSE 202, 203, 204, 205, 206, 104, ANAT 250

3rd and 4th Years
- Five of PHSE 301, 302, 303, 304, 305, 306, 310, 314, 315, 329, 334, 335, 401, 402 including at least one of PHSE 401, 402
- 36 further PHSE points at 200-level or above
- 126 points from any degree, including 54 points at 200-level or above (HUNT 232 recommended)

Total
- 504 points

Physical Activity and Health

1st Year
- PHSE 101, 102, 103, PHSE 191, 192 (or HUBS 191, 192)
- STAT 110 or 115
- 18 points from any degree

2nd Year
- PHSE 202, 203, 204, 205, 206, 104, ANAT 250

3rd and 4th Years
- Five of PHSE 305, 311, 312, 313, 315, 320, 323, 336, 401, 407, 408, 409, including at least one of PHSE 401, 407, 408, 409
- 36 further PHSE points at 200-level or above
- 126 points from any degree, including 54 points at 200-level or above

Total
- 504 points

Professional Studies

1st Year
- PHSE 101, 102, 103, PHSE 191, 192 (or HUBS 191, 192)
- 36 points from any degree

2nd Year
- PHSE 202, 203, 204, 205, 206, 104, ANAT 250

3rd and 4th Years
- Five of PHSE 312, 313, 314, 320, 322, 323, 324, 325, 326, 327, 328, 330, 331, 414, 415, 416, normally including at least one at 400-level
- 36 further PHSE points at 200-level or above
- 126 points from any degree, including 54 points at 200-level or above

Total
- 504 points

Sport and Leisure Studies

1st Year
- PHSE 101, 102, 103, PHSE 191, 192 (or HUBS 191, 192)
- 36 points from any degree

2nd Year
- PHSE 202, 203, 204, 205, 206, 104, ANAT 250

3rd and 4th Years
- Five of PHSE 320, 330, 331, 333, 334, 335, 336, 337, 338, 339, 340, 422, 423, 424, 425, 426, 430, normally including at least one at 400-level
- 36 further PHSE points at 200-level or above
- 126 points from any degree, including 54 points at 200-level or above

Total
- 504 points

Bachelor of Physical Education with Honours – BPhEd(Hons)

otogo.ac.nz/courses/bphedhons.html

Normal requirements for the fourth and final year of the programme for the degree of BPhEd(Hons) are set out below. Some variations may be possible. For further details consult the University Calendar or the Dean of the School of Physical Education, Sport and Exercise Sciences.

To be admitted, students must normally have completed the first three years of the programme for the ordinary degree of Bachelor of Physical Education, including specific selections of papers and with an average grade of at least B+ in third year papers. The final year of the Honours programme must be completed in one year of full-time study.

For BPhEd(Hons) course advice, contact pe.gradadmin@otago.ac.nz

This programme is under review. For up to date information on programmes, go to www.otago.ac.nz/sopeses/news/otago670686.html

Exercise and Sport Science

PHSE 592;
- four PHSE 500-level papers, at least two of which must be from PHSE 500, 501, 502, 503, 504, 505, 506, 507, 514, 531, 534, 535

Physical Activity and Health

PHSE 592;
- four PHSE 500-level papers, at least two of which must be from PHSE 501, 508, 509, 513, 517

Professional Studies

PHSE 592;
- four PHSE 500-level papers, at least two of which must be from PHSE 513, 514, 516, 520, 550, 551, 553, 554, 555, 556, 557, 558

Sport and Leisure Studies

PHSE 592;
- four PHSE 500-level papers, at least two of which must be from PHSE 520, 522, 523, 524, 530, 531, 534, 535, 536, 537, 538, 539, 540
Bachelor of Science – BSc

otago.ac.nz/courses/bsc.html

Normal BSc programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of Department teaching your major subject.

• Every BSc programme requires a minimum total of 360 points (normally 20 papers).
• Must include major subject requirements for at least one of the subjects in the following lists.
• Would normally have no more than 180 points at 100-level. Must have 180 points above 100-level, including at least 72 points at 300-level for each major subject.
• May include a specified minor subject. See pages 50 and 99 for details.
• Normally at least 270 points must be for papers in Science Schedule C (see page 106); the programme may include up to 90 points for papers from any other undergraduate degree, but this limit may be exceeded if additional points are needed to fulfil a major or minor subject requirement.

Papers at 100- to 300-level are normally worth 18 points each.

### Anatomy

**100-level** CELS 191, CHEM 191, HUBS 191, 192

**200-level** ANAT 241, 242, 243

**300-level** Four of ANAT 331, 332, 333, 334, 335, BIOA 301

BIOA 201 is a prerequisite for BIOA 301

**Plus** 162 further points (STAT 110 or 115 recommended); must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

### Biochemistry

**100-level** BIOC 192, CELS 191, CHEM 191; one of BIOL 112, 123, CHEM 111, HUBS 191, 192, STAT 110, 115

**200-level** BIOC 221, 222, 223;

**300-level** BIOC 351, 352, 353, 360

*With Head of Department approval, one 300-level BIOC paper may be replaced by another relevant 300-level paper*

**Plus** 162 further points (GENE 221 strongly recommended); must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

### Botany

**100-level** BIOL 123; one of BIOL 112, 123, ECOL 111, HUBS 191, 192; one of CHEM 111, 191, PHSI 191, STAT 110, 115

**200-level** BTNY 201, 202, 203

**300-level** Any four of BTNY 301, 302, 303, PLBI 301, 302

**Plus** 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

### Chemistry

100- and 200-level

**CHEM 204**

Both CHEM 111 and CHEM 191 strongly recommended

**300-level**

Four of CHEM 301, 302, 303, 304, 305, 306, 390

*With Head of Department approval other paper(s) may be substituted for one 300-level CHEM paper*

**Plus** 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

### Clothing and Textile Sciences

**100-level** 36 points (papers in biological, physical and/or social sciences recommended)

**200-level** CLTE 203, 204;

one of CLTE 206, 207

**300-level** CLTE 306;

three of CLTE 303, 304, 305, 309

**Plus** 198 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

*No new enrolments will be accepted for this major subject.*

### Computer Science

**100-level** COMP 101, 160, ENGL 127;

one of MATH 151, 160, 170, COMO 101, STAT 110, 115, BSNS 112, FINC 102, or an approved alternative

**200-level** COSC 241, 242, 243, 244

**300-level** COSC 326;

three of COSC 301, 341, 342, 343, 344, 345, 349, 360

**Plus** 144 further points (COMP 150 recommended); must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

### Ecology

**100-level** BIOL 112, 123, ECOL 111, STAT 110 or 115;

at least one of EAOS 111, GEOG 101, MARI 112

**200-level** ECOL 211, 212, STAT 210;

one of BTNY 201, 202, 203, CHEM 201, 205, 206, GENE 222, GEOG 282, 284, 286, 287, 288, 289, 290, 298, 299, GEOL 252, 263, 272, MARI 202, OCEN 201, STAT 241, 242, 251, 260, 261, 270, SURV 208, ZOOL 221, 222, 223

**300-level** ECOL 313 or 314;

two of AQFI 352, BTNY 301, GEOG 390, GEOL 372, MARI 301, 302, ZOOL 315, 316, 318, 319;

one other paper from AQFI 352, BTNY 302, 303, CHEM 304, ECOL 313, 314, GENE 312, GEOG 388, 390, 392, 393, 394, 395, 397, 398, 399, GEOL 372, MARI 301, 302, STAT 311, SURV 411, ZOOL 313, 315, 316, 318, 319 or another suitable 300-level paper approved by the Programme Director

**Plus** 126 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

*Students majoring in Ecology must pass STAT 110 or 115 and STAT 210 before taking 300-level ECOL papers*
Bachelor of Science – BSc continued

**Economics**

100-level  BNSN 113, ECON 112, MATH 160, STAT 110  
200-level  ECON 202, 210, 271  
300-level  Four 300-level ECON papers  
Plus 162 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.  
Total  360 points

**Electronics**

100-level  MATH 170, PHSI 132;  
200-level  ELEC 253, PHSI 232, 282, MATH 202, 203  
300-level  ELEC 353, 358, 361, PHSI 365  
Plus 162 further points (COMP 150 or 160 recommended); must include 18 points at 200-level or above. Up to 90 points may be taken from outside Science.  
Total  360 points

**Energy Science and Technology**

100-level  One 100-level PHSI paper (PHSI 132 recommended); MATH 160, 170  
200-level  EMAN 201, 204, PHSI 243  
300-level  EMAN 301, 308; two of PHSI 331, 332, 365-381, PHSI 336 (or MATH 374), CHEM 301-305, BIOC 351, MATH 304, COMO 303, INFO 304, GEOG 363, 376, GEOG 388, 389, 392 (PHSI 381 and 365 recommended)  
Plus 180 further points (PHSI 282 or CHEM 201 recommended; MATH 203 highly recommended); must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.  
Total  360 points  
Advanced placement into MATH 170 may be allowed for suitably qualified candidates; with approval from the Programme Director other papers relevant to Energy may be substituted for one 300-level paper.

**Exercise and Sport Science**

100-level  SPEX 101, 102, ANAT 101 (or HUBS 191 and 192), PHSL 101 (or HUBS 191 and 192)  
200-level  SPEX 201, 202, 203, 204  
300-level  Four of SPEX 301, 302, 303, 304, 305, 316  
Plus 144 further points (SPEX 206 recommended); must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.  
Total  360 points  
Students should check the prerequisites for 300-level papers when selecting 200-level papers.

**Food Science**

100-level  CECS 191, CHEM 191 or 111, FOSC 111, 112, STAT 110 or 115  
200-level  FOSC 201, 202, 213, MICR 221  
300-level  FOSC 301, 302, 311  
Plus 126 further points (MICR 331 recommended); must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.  
Total  360 points

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?  
Talk to a course adviser.  
[otago.ac.nz/courseadvice](http://otago.ac.nz/courseadvice)
### Human Nutrition

Revised requirements for this major subject were not finalised before going to press. See [www.otago.ac.nz/courses/subjects/hunt.html](http://www.otago.ac.nz/courses/subjects/hunt.html) for the latest information.

Students intending to proceed to the Master of Dietetics programme should seek course advice concerning additional papers required for admission.

### Information Science

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>COMP 101, 160*</td>
</tr>
<tr>
<td>200-level</td>
<td>INFO 201, 202, 203, 204</td>
</tr>
<tr>
<td>300-level</td>
<td>INFO 301, 302; two further 300-level INFO papers</td>
</tr>
<tr>
<td>Plus</td>
<td>180 further points (it is recommended that BSNS 112 or STAT 110 be included); must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

*In exceptional circumstances (such as having prior programming experience) and with approval from the Head of Department, the COMP 160 requirement may be waived or the paper replaced with COMP 150.

### Land Planning and Development

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MATH 160, SURV 101, 102</td>
</tr>
<tr>
<td>200-level</td>
<td>ENGL 228, SURV 203, 204, 205, 206, 208, 297</td>
</tr>
<tr>
<td></td>
<td>Note: ENGL 228 should be taken in the second semester of the first year of study</td>
</tr>
<tr>
<td>300-level</td>
<td>SURV 303, 304, 455; at least 36 points from SURV 306, 309, 319, 329, 450, 453, 454, PMAN 401</td>
</tr>
<tr>
<td>Plus</td>
<td>108 further points. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
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</tbody>
</table>

### Mathematics

<table>
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<tr>
<th>Level</th>
<th>Papers</th>
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</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MATH 160, 170; STAT 110 or 115 (or STAT 261 or 270 in approved cases)</td>
</tr>
<tr>
<td>200-level</td>
<td>MATH 201, 202, 203</td>
</tr>
<tr>
<td>300-level</td>
<td>Four 300-level MATH or COMO papers</td>
</tr>
<tr>
<td>Plus</td>
<td>180 further points; must include at least 54 points at 200-level or above. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
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</table>

### Microbiology

<table>
<thead>
<tr>
<th>Level</th>
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</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>CELS 191, CHEM 191, HUBS 191</td>
</tr>
<tr>
<td>200-level</td>
<td>MICR 221, 222, 223, GENE 221</td>
</tr>
<tr>
<td>300-level</td>
<td>Four of MICR 331, 332, 334, 335, 336, 337</td>
</tr>
<tr>
<td>Plus</td>
<td>162 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Neuroscience

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>CELS 191, HUBS 191, PSYC 111; either CHEM 191 or PHSI 191; one further paper from BIOL 192, BIOL 112 or HUBS 192, CHEM 191, PHSI 191</td>
</tr>
<tr>
<td></td>
<td>Note: CELS 191, HUBS 191, and CHEM 191 and/or PHSI 191 should be taken in the first year of study to ensure unimpeded progress through the major subject requirements.</td>
</tr>
<tr>
<td>200-level</td>
<td>ANAT 242, PHSI 231, PSYC 211; one of BIOL 221, 223, GENE 221, 222, PHAL 211, ZOOL 223</td>
</tr>
<tr>
<td>300-level</td>
<td>Four of ANAT 335, 336, NEUR 302, 303, PHAL 303, PHSI 341, 342, PSYC 313, 317, 319 (taken in 2017), 323, ZOOL 314</td>
</tr>
<tr>
<td>Plus</td>
<td>126 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

Note: No more than three 300-level PSYC papers may count towards the major subject requirements.

### Oceanography

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MARI 112; three 100-level BIOL, CELS, CHEM, COMO, EAOS, ECOL, GEOL, MATH, PHIL or PHSI papers</td>
</tr>
<tr>
<td>200-level</td>
<td>OCEN 201; three of AQFI 251, BNY 203, CHEM 201, 206, COMO 204, ECOL 211, GEG 298, GEOL 263, 272, 273, MARI 202, MATH 202, 203, PHSI 225, PHSI 243, ZOOL 221</td>
</tr>
<tr>
<td>300-level</td>
<td>OCEN 301; one of OCEN 321, 322, 323, CHEM 304; two of AQFI 352, CHEM 304, COMO 303, GEG 398, GEOL 363, 372, 373, MARI 301, 302, MATH 304, OCEN 321, 322, 323, PHSI 336, 365, ZOOL 316, 319</td>
</tr>
<tr>
<td>Plus</td>
<td>144 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
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</tbody>
</table>

### Pharmacology

<table>
<thead>
<tr>
<th>Level</th>
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</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BIOL 192, CHEM 191; two of CELS 191, HUBS 191, 192</td>
</tr>
<tr>
<td>200-level</td>
<td>PHAL 211, 212; one 200-level ANAT, BIOL, GENE, MICR or PHSI paper</td>
</tr>
<tr>
<td>300-level</td>
<td>PHAL 303, 304, 305, 306</td>
</tr>
<tr>
<td>Plus</td>
<td>162 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Physics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>PHSI 131 or 191; PHSI 132, MATH 160, 170</td>
</tr>
<tr>
<td>200-level</td>
<td>PHSI 231, 232, 282, MATH 202, 203; one other 300-level PHSI or ELEC paper</td>
</tr>
<tr>
<td>300-level</td>
<td>PHSI 331, 332, 381; one other 300-level PHSI or ELEC paper</td>
</tr>
<tr>
<td>Plus</td>
<td>126 further points; must include 18 points at 200-level or above (ELEC 253 recommended). Up to 90 points may be taken from outside Science.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>
Bachelor of Science – BSc continued

**Physiology**

**100-level**
- HUBS 191, 192; two of BIOC 192, CELS 191, CHEM 191, PHSI 191

**200-level**
- PHSL 231, 232, 233

**300-level**
- Four of PHSL 341, 342, 343, 344, 345

**Plus** 162 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Plant Biotechnology**

**100-level**
- BIOL 123; at least one of BIOC 192, CELS 191, CHEM 191, ECOL 111
  
  **Note:** Prerequisite for BIOC 192 is CHEM 191; prerequisites for 200-level BIOC and GENE papers include CELS 191 and may include CHEM 191 or BIOC 192
  
  ECOL 111 is a prerequisite for some BTNY 200-level papers.

**200-level**
- BTNY 201; at least three 200-level BIOC, BTNY or GENE papers

**300-level**
- PLBI 301, 302; at least two approved 300-level BIOC, BTNY or GENE papers

**Plus** 180 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Psychology**

**100-level**
- PSYC 111, 112; in addition STAT 110 or 115 is recommended

**200-level**
- PSYC 210, 211, 212

**300-level**
- four of PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327, 328
  
  **Students intending to advance to postgraduate study should also take PSYC 311**

**Plus** 198 further points, which may include STAT 110 or 115; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Sport Development and Management**

**100-level**
- SPEX 101, 102, ANAT 101, PHSL 101

**200-level**
- SPEX 204, 208, 209

**300-level**
- four of SPEX 304, 312, 313, 314, 315

**Plus** 162 further points (SPEX 206 recommended); must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Statistics**

**100-level**
- STAT 110 or 115; MATH 160, 170

**200-level**
- STAT 210 or 241;
  - STAT 260 (not required if STAT 380 passed previously);
  - STAT 261 or 270;
  - MATH 202 or 203

**300-level**
- STAT 370;
  - three of STAT 311, 341, 342, 352, 372, 399

**Plus** 162 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Surveying Measurement**

**100-level**
- MATH 160, SURV 101, 102

**200-level**
- ENGL 228, SURV 201, 202, 208, 298
  
  **Note:** ENGL 228 must be taken in the second semester of the first year of study
  
  Admission to SURV 201 and 298 is limited and applications must be submitted by 15 November.

**300-level**
- SURV 301, 302, 309, 399;

**Plus** 126 further points; must include 18 points at 200-level or above. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Zoology**

**100-level**
- BIOL 112, CELS 191, STAT 110 or 115

**200-level**
- ZOOL 221, 222, 223

**300-level**
- Three of ZOOL 313, 314, 315, 316, 318, 319, GENE 312;
  - one further paper from ZOOL 313, 314, 315, 316, 318, 319, GENE 312, 314, MARI 301, 302

**Plus** 180 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

**ZOOL 316 is strongly recommended for students intending to advance to PGDipSci or MSc in Zoology, PGDipWLM or MWLM, and is required for students intending to advance to BSc(Hons) in Zoology**

**Total** 360 points

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?

Talk to a course adviser.

[otago.ac.nz/courseadvice](otago.ac.nz/courseadvice)
Bachelor of Science with Honours – BSc(Hons)

otago.ac.nz/courses/bschons.html

Normal BSc(Hons) programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of Department.

To be admitted, students must have completed a Bachelor of Science degree, majoring in the subject or subjects of study proposed, with an average grade of at least B+ for the appropriate 300-level papers. A total of five 300-level papers must have been passed, including specific papers as part of or in addition to the major subject requirements in the BSc programme. The Honours programme must be completed in one year of full-time study.

A student with an Honours degree in one subject may take a second Honours degree in a different subject, and combined Honours programmes (including papers from two subjects) are also possible.

The due date for applications is 10 December, although late applications will be considered.

Prerequisites: papers which must have been passed as part of or in addition to the normal major subject requirements for the subject concerned in the preceding ordinary degree programme.

Anatomy

ANAT 490, ANAT 458;
two of ANAT 451, 452, 453, 454, 455, 456, 457, BIOA 401

Prerequisites: at least five 300-level papers including at least four of ANAT 331, 332, 333, 334, 335 and BIOA 301

Biochemistry

BIOC 490;
three of BIOC 461, 462, 463, 464

With approval from the Head of Department, one 400-level BIOC paper may be replaced with a 400-level paper from another relevant subject.

Prerequisites: at least five 300-level papers including BIOC 351, 352, 353, 360. With approval from the Head of Department, one 300-level BIOC paper may be replaced with a 300-level paper from another relevant subject.

Botany

BTNY 490;
three of BTNY 461, 465, 467, 470

With approval from the Head of Department another 400-level paper may be substituted for one of BTNY 461-470.

Prerequisites: At least five 300-level papers including BTNY 301, 302, 303, CHEM 304, GENE 312, GEOG 388, 390, 392, 393, 394, 395, GÉOL 372, MARI 301, 302, SURV 411, ZOOL 313, 315, 318, 319, or other suitable papers as approved by the Programme Director.

Chemistry

CHEM 490; CHEM 461, 462, 463

Prerequisites: At least five 300-level papers including at least four 300-level CHEM papers

Clothing and Textile Sciences

CLTE 490;
three of CLTE 451, 452, 453, 454, 455, 460

Prerequisites: At least five 300-level papers including at least four of CLTE 303, 304, 305, 306, 309

No new enrolments will be accepted for this subject.

Computer Science

COSC 490;
four of COSC 402, 410, 411, 412, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471

Prerequisites: At least five 300-level papers including COSC 326, 341, and at least two of COSC 301, 342, 343, 344, 345, 346, 360

Ecology

ECOL 490, 411;
two of BTNY 465, 467, ECOL 450, GEOG 454, 459, 460, 461, 471, SURV 509, 511, ZOOL 410, 411, 415, 416, 417, 418 or other suitable papers as approved by the Programme Director

Prerequisites: ECOL 313, ZOOL 316 and three of BTNY 301, 302, 303, CHEM 304, GENE 312, GEOG 388, 390, 392, 393, 394, 395, GÉOL 372, MARI 301, 302, SURV 411, ZOOL 313, 315, 318, 319, or other suitable papers as approved by the Programme Director.

Economics

ECON 480;
four of ECON 402, 403, 404, 405, 406, 407, 410, 411, 412, 413, including at least one of ECON 410 and ECON 411, and at least one of ECON 412 and ECON 413

Prerequisites: ECON 375 and 377, two further 300-level ECON papers plus 18 further 300-level points

Electronics

ELEC 490;
ELEC 441, 442, 443, 444, 445, 446;
20 further 400-level points, as approved by the Programme Director

Prerequisites: at least five 300-level papers including at least three 300-level ELEC papers and one further 300-level ELEC, MATH or PHSI paper

Food Science

FOSC 490;
three of FOSC 401, 402, 403, 404, 405

With approval from the Head of Department, FOSC 460 or one 400-level paper from another relevant subject may be substituted for one elective FOSC 400-level paper.

Prerequisites: FOSC 301, 302, 311 and one of FOSC 306, MICR 331

Genetics

GENE 490, 411, 412;
one of ANAT 456, BIOC 462, 463, BTNY 467, MICR 461, PLBI 401, STAT 435, ZOOL 410.

With Programme Director approval, one of the papers listed above may be replaced by another 400-level paper

Prerequisites: At least five of GENE 312, 313, 314, 360, BIOC 352, MICR 335, (GENE 360 highly recommended). With Programme Director approval, one of the papers listed above may be replaced by another 300-level paper.
Bachelor of Science with Honours – BSc(Hons) continued

**Geography**
GEOG 490;
three 400-level GEOG papers
Prerequisites: GEOG 380, at least three of GEOG 387, 389, 390, 392, 393, 394, 395, 397, 398, 399 and one further 300-level GEOG paper

**Geology**
GEOL 490, 401;
four further 400-level GEOL papers
Prerequisites: At least five 300-level papers including GEOL 302, 344, 353 and one further 300-level GEOL paper

**Human Nutrition**
HUNT 490, 454;
Two of 441, 445, 452, 453

**Information Science**
INFO 490;
four papers from 400-level INFO papers
Prerequisites: INFO 301, 302 and three further 300-level INFO papers

**Mathematics**
MATH 490;
four 400-level MATH or STAT papers including at least three MATH papers
Prerequisites: At least five 300-level papers including at least four 300-level MATH papers

**Microbiology**
MICR 490;
MICR 461, 463, 464
Prerequisites: At least five 300-level papers including at least four of MICR 331, 332, 334, 335, 336, 337 (MICR 360 highly recommended)

**Neuroscience**
NEUR 490;
papers worth 60 points from ANAT 454, COSC 420, 421, 422, NEUR 452, 453, 455, 457, 459, 461, 462, 463, PHAL 423, PHSL 472, 474, PSYC 429, 430, 431, 432, 437, 438, 439, ZOOL 412
Prerequisites: At least five of ANAT 335, 336, NEUR 301, 302, 303, PHAL 303, PHSL 341, 342, PSYC 313, 317, 319 (taken in 2017), 323, ZOOL 314

**Pharmacology**
PHAL 490, 421;
two of PHAL 423, 426, 428, 430, 431
Prerequisites: At least five 300-level papers including at least four of PHAL 303, 304, 305, 306, 307 (PHAL 307 highly recommended)

**Physics**
PHSI 490:
papers worth 40 points from PHSI 421, 422, 423, 424, 425, 426, ELEC 441;
20 further 400-level points from PHSI, MATH, ELEC
Prerequisites: four 300-level PHSI papers and one further 300-level ELEC, MATH or PHSI paper

**Physiology**
PHSL 490, 474;
two of PHSL 471, 472, 473
Prerequisites: at least five 300-level papers including at least four of PHSL 341, 342, 343, 344, 345

**Plant Biotechnology**
PLBI 490, 401;
two of BTNY 461, 465 or approved 400-level BiOC papers
Prerequisites: PLBI 301, 302 and three approved papers from 300-level BiOC, BTNY or GENE papers, PLBI 351

**Psychology**
PSYC 490;
Prerequisites: at least five 300-level papers including PSYC 311 and four from PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327, 328

**Statistics**
STAT 490;
four 400-level STAT papers
Prerequisites: STAT 362 or 370; STAT 380 or 399; two further 300-level STAT papers, MATH 202, 203

**Zoology**
ZOOL 490;
three of ZOOL 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422
Prerequisites: at least five 300-level papers including ZOOL 316, two of ZOOL 313, 314, 315, 318, 319, GENE 312, and one further paper from ZOOL 313, 314, 315, 318, 319, GENE 312, 314, MARI 301, 302
Postgraduate Diploma in Science – PGDipSci

otago.ac.nz/courses/pgdipsci.html

Normal PGDipSci programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of Department.

The PGDipSci may be awarded in any of the subjects, or in an approved combination of subjects., listed below.

To be admitted, students must have completed a Bachelor of Science degree, majoring in the subject or subjects of study proposed. The programme may be completed in one year of full-time study, or over a longer period by part-time students.

The due date for applications is 10 December, although late applications will be considered.

### Anatomy
ANAT 480, ANAT 458; three of ANAT 451, 452, 453, 454, 455, 456, 457, BIOA 401

### Biochemistry
BIOC 480 and BIOC 461, 462, 463, 464

*Note: With approval from the Head of Department one 400-level BIOC paper may be replaced by a 400-level paper from another relevant subject.*

### Botany
BTNY 480; BTNY 461, 465, 467, 470

*With approval from the Head of Department another 400-level paper may be substituted for one of BTNY 461-470*

### Chemistry
CHEM 480; four of CHEM 461, 462, 463, 464, HAZA 401, 404

### Clothing and Textile Sciences
CLTE 480; four of CLTE 451, 452, 453, 454, 455, 460

*No new enrolments will be accepted for this subject.*

### Computer Science
Either six of COSC 402, 410, 411, 412, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471

*or*

one of COSC 480 or 490; four of COSC 402, 410, 411, 412, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471

### Consumer Food Science
One of FOSC 480, 490, 495; further papers from FOSC 421, 422, 423, 424, 425 approved by the Head of the Department of Food Science to make a total of 120 points.

*With approval from the Head of the Department of Food Science, FOSC 460 or one 400-level paper from another relevant subject may be substituted for one of the papers listed above.*

### Ecology
ECOL 480 or 490, ECOL 411; papers from BTNY 465, 467, ECOL 450, GEOG 454, 459, 460, 461, 471, SURV 509, 511, ZOOL 410, 411, 415, 416, 417, 418 or other suitable papers as approved by the Programme Director to a total of 120 points

### Economics
120 points from 400-level ECON papers

**Prerequisites:** ECON 375, 377

### Electronics
40 points from ELEC 441, 442, 443, 444, 445, 446;

80 further 400-level points as approved by the Programme Director

*Only one of ELEC 480 or 490 may be included.*

### Energy Science and Technology
EMAN 490;

three 400-level EMAN papers;

one further 400-level paper approved by the Programme Director

### Food Science
One of FOSC 480, 490, 495;

papers from FOSC 401, 402, 403, 404, 405 approved by the Head of Department to make a total of 120 points

*With approval from the Head of Department, FOSC 460 or one 400-level paper from another relevant subject may be substituted for one of FOSC 401-405.*

### Genetics
GENE 480, 411, 412;

two of ANAT 456, BIOC 462, 463, BTNY 467, MICR 461, PLBI 401, STAT 435, ZOOL 410

*With approval from the Programme Director another 400-level paper may be substituted for one of the papers listed above.*

### Geography
GEOG 470;

four further 400-level GEOG papers

### Geology
GEOL 480, 401;

six further 400-level GEOL papers

### Human Nutrition
HUNT 441, 452, 453, 454;

two of HUNT 445, 455, 485, NUTN 407 or another approved 400-level paper

*or*

HUNT 490, HUNT 454, and two of HUNT 441, 445, 452, 453

### Information Science
120 points selected from 400-level INFO papers

*May include INFO 490, but not required*

### Information Science

### Marine Science
MARI 480 or 490, MARI 401, and papers at 400-level in AQRI, MARI or OCEN to a total of 120 points

*One paper may be replaced with an approved 400-level paper in a Science subject*
Postgraduate Diploma in Science – PGDipSci continued

**Mathematics**
Math 490; four 400-level MATH or STAT papers including at least three MATH papers

**Microbiology**
MICR 480, 461, 462, 463, 464

**Neuroscience**
NEUR 480; papers worth 80 points from ANAT 454, COSC 420, 421, 422, NEUR 452, 453, 455, 457, 459, 461, 462, 463, PHAL 423, PHSI 472, 474, PSYC 429, 430, 431, 437, 438, 439, ZOOL 412 or NEUR 490; papers worth 60 points from ANAT 454, COSC 420, 421, 422, NEUR 452, 453, 455, 457, 459, 461, 462, 463, PHAL 423, PHSI 472, 474, PSYC 429, 430, 431, 437, 438, 439, ZOOL 412

**Pharmacology**
PHAL 480, 421; three of PHAL 423, 426, 427, 428, 430, 431

**Physics**
PHSI 480; 40 points from PHSI 421, 422, 423, 424, 425, 426, ELEC 441; further 400-level papers worth 40 points from PHSI, MATH, ELEC with no more than 20 MATH points and no more than 20 ELEC points.

**Physiology**
PHSI 480 or 490, PHSI 474; papers from PHSI 471, 472, 473 to a total of 120 points

**Other Postgraduate Science programmes**
Refer to the University Calendar for details

**Plant Biotechnology**
PLBI 480, 401, BTNY 461, 465; one further approved 400-level BIOC or BTNY paper

**Psychology**

**Software Engineering**
Six papers from 400-level SENG papers and approved 400-level COSC or INFO papers

**Statistics**
STAT 490; four 400-level STAT papers

**Surveying**
SURV 590; at least four 500-level SURV papers

**Telecommunications**
120 points from 400-level TELE and approved 400-level COSC, ELEC, INFO, PHSI or SENG papers

**Zoology**
ZOOL 480; four of ZOOL 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422

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**Postgraduate Diploma in Clinical Psychology – PGDipCIPs**
[otago.ac.nz/courses/pgdipclps.html](otago.ac.nz/courses/pgdipclps.html)

**Postgraduate Diploma in Science Communication – PGDipSciComm**
[otago.ac.nz/courses/pgdipscicomm.html](otago.ac.nz/courses/pgdipscicomm.html)

**Postgraduate Diploma in Wildlife Management – PGDipWLM**
[otago.ac.nz/courses/pgdipwlm.html](otago.ac.nz/courses/pgdipwlm.html)

**Postgraduate Certificate in Science Communication – PGCertSciComm**
[otago.ac.nz/courses/pgcertscicomm.html](otago.ac.nz/courses/pgcertscicomm.html)
Bachelor of Applied Science – BAppSc

BAppSc programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Department teaching your major subject.

- Every BAppSc programme requires a minimum total of 360 points (normally 20 papers)
- Would normally have no more than 180 points at 100-level and have at least 180 points at 200-level or above, including at least 72 points at 300-level for each major subject.
- Must include an approved minor subject or an approved second major subject (see pages 81-82 for permitted combinations of subjects) or other approved papers worth at least 90 points (with 54 points above 100-level, including 18 points at 300-level).

Papers at 100- to 300-level are normally worth 18 points each.

**Applied Geology**

100-level  
EAOs 111, GEOL 112, MATH 160

200-level  
GEOL 251, 252;  
one of GEOL 221, 261, 262, 263, 264, 265, 272, 273, 274, 275, 276;  
one of GEOL 221, 261, 262, 263, 264, 265, 272, 273, 274, 275, 276, EMAN 204, GEOG 282, 284, 288, 289, 298, OCEN 201, PHSI 243, SURV 208

300-level  
GEOL 302, 344, 353;  
at least one of GEOL 321, 341, 361, 362, 363, 364, 365, 372, 373, 374, 375, 376, CHEM 304, GEOG 388, 390, 394, 395, 398, OCEN 323

Plus 162 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

**Aquaculture and Fisheries**

100-level  
BIOL 112, MARI 112, STAT 110 or 115;  
three of BIOL 123, CELS 191, CHEM 111, 191, EAOs 111, ECOL 111

200-level  
MARI 202, AQFI 251;  
two of BTNY 203, CHEM 201, 205, 206, ECOL 211, 212, FOSC 201, FORS 201, GENE 222, 223, OCEN 201, PHIL 235, STAT 210, SURV 208, ZOOL 221

300-level  
AQFI 301, AQFI 352;  
two of CHEM 301, 304, 306, FORS 301, GENE 312, 314, 315, MARI 301, 302, ZOOL 316, 319

Plus 108 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

**Clothing and Textile Sciences**

100-level  
36 points (papers in biological, physical and/or social sciences recommended)

200-level  
CLTE 203, 204;  
one of CLTE 206, 207

300-level  
CLTE 306;  
three of CLTE 303, 304, 305, 309

Plus 198 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

No new enrolments will be accepted for this major subject.

**Computational Modelling**

100-level  
COMO 101, COMP 150 or 160, MATH 160, 170

200-level  
COMO 204, MATH 202, 203

300-level  
COMO 303, MATH 304,  
at least two further COSC, MATH or STAT papers

Plus 162 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

**Consumer Food Science**

100-level  
FOSC 111, 112; STAT 110 or 115;  
CELS 191 (recommended) or another paper

200-level  
FOSC 201, 202, 213

300-level  
FOSC 306, 308, 311

Plus 162 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

**Data Science**

100-level  
COMP 101, 120, 160;  
STAT 110 or 115

200-level  
COSC 241, INFO 204, STAT 210, 260

300-level  
COSC 343, INFO 304, STAT 312;  
one of COSC 344, STAT 310

Plus 144 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

**Energy Management**

100-level  
One 100-level PHSI paper (PHSI 132 recommended);  
MATH 160, 170, BSNs 114

200-level  
EMAN 201, 204, PHSI 243

300-level  
EMAN 301, 308;  
one of GEOG 397, PMAN 401;  
one further paper from FINC 302, 303, 304, 305, 306, 308, 309, 310, MANT 303, PMAN 401, GEOG 388, 389, 392, 397;  
PHSI 365, 381, COMO 303, INFO 304, ENVI 312

Plus 162 further points (MATH 203 highly recommended), including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

Advanced placement into MATH 170 may be allowed for suitably qualified candidates; with approval from the Programme Director other papers relevant to Energy may be substituted for one 300-level paper.

No new enrolments will be accepted for this major subject.
Bachelor of Applied Science – BAppSc continued

Environmental Management

100-level
ENVI 111, GEOG 101, 102; one of MATH 160, 170, STAT 110

200-level
GEOG 216, 290; two of GEOG 281, 282, 283, 284, 286, 287, 288, 289, 298, 299

300-level
GEOG 380, 397; two of GEOG 387, 388, 389, 390, 392, 393, 394, 395, 398, 399

Plus 144 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 81).

Total 360 points

Physical Education, Activity and Health

100-level
SPEX 101, 102, ANAT 101 (or HUBS 191 and 192), PHSL 101 (or HUBS 191 and 192)

200-level
Three of SPEX 203, 205, 206, 207

300-level
Four of SPEX 306, 307, 308, 309, 310, 316

Plus 162 further points including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Forensic Analytical Science

100-level
BIOC 192, CELS 191, CHEM 191, HUBS 191; STAT 110 or 115; at least one of ELECT 123, CHEM 111, HUBS 192, MATH 160, PHSI 191 (recommended) or another paper (CHEM 111 highly recommended)

200-level
CHEM 206, FORS 201, GENE 222; at least two of BIOL 201, BIOC 221, CHEM 201 or 205, CLTE 203, FOSC 201, GENE 221, MICR 221, 222, PHAL 211, 212, STAT 210, 210, 270

300-level
FORS 301, CHEM 306; at least two of BIOL 301, BIOC 352, CHEM 304, CLTE 303, FOSC 301, GENE 312, 315, LAWS 417, PHAL 306, PSYC 325, 360-level MICR and STAT papers

Plus 90 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Software Engineering

100-level
COMP 101, 160; one of MATH 151, 160, 170, FINC 102

200-level
INFO 201, 202, COSC 241, 242

300-level
COSC 344, 349, INFO 303, 310 and either COSC 345 or INFO 301

Plus 144 further points including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Geographic Information Systems

100-level
COMP 101; COMP 160; MATH 160 or 170; SURV 102; at least one of COMP 150 (recommended), GEOG 101, 102, STAT 110, SURV 101, ENGL 228

200-level
INFO 201, 202, SURV 208; at least one 200-level GEOG or SURV paper

300-level
SURV 309, 319, 411; at least one further 300-level GEOG or SURV paper

Plus 126 further points including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Sport and Exercise Nutrition

100-level
BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; STAT 110 or 115 recommended

200-level
HUNT 221, 232; HUNT 222 or 223; SPEX 201 or 202; SPEX 203

300-level
HUNT 355, SPEX 305; two of HUNT 311, 312, 313; one of SPEX 303, 310

Plus 72 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Sports Technology

100-level
SPEX 102, HUBS 192 and 192 (or PHSE 191 and 192); one of COMP 150, 160, MATH 151, 160, 170, PHSI 191, STAT 110, 115

200-level
SPEX 201, 202, 203; two of CLTE 201, 203, 207, COSC 241, 242, HUNT 232, PHSI 282, STAT 210, 260

300-level

Plus 126 further points, including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Molecular Biotechnology

100-level
BIOC 192, CELS 191, CHEM 191, HUBS 191

200-level
BIOC 221, GENE 221, MICR 221; at least two of BIOC 222, 223, BTNY 201, GENE 222, 223, MICR 222, 223

300-level
MICR 336; at least three of BIOC 351, 352, GENE 313, 314, 315, MICR 335, 337, PLBI 301, 302

Plus 126 further points including either requirements for an approved minor or approved second major subject or other approved papers (see page 82).

Total 360 points

Papers at 100- to 300-level are normally worth 18 points each.

Degree and diploma structures - BAppSc, approved minor and second major subjects for BAppSc
Approved minor and second major subjects for BAppSc

For the degree of Bachelor of Applied Science it is necessary to include the requirements for one of the major subjects detailed on the preceding pages. It is also a requirement that every programme normally includes an approved minor subject or an approved second major subject. Usually such a minor or second major subject must be selected from the table below which lists the approved combinations of major subjects with minor or second major subjects. However, the course director for the initial major subject may approve a minor or second major subject not listed in the table, provided that the overall combination of subjects and papers constitutes a coherent and integrated programme of study. Alternatively, but with the same requirement for a coherent and integrated programme, a course director may approve a programme without a specified minor or second major subject but which includes a selection of papers worth at least 90 points, including at least 18 points at 300-level and 54 points above 100-level.

Requirements are detailed in the lists of minor subjects or in the degree structures for the qualifications specified.

### Applied Geology
- Bachelor of Applied Science
- Computational Modelling
- Data Science
- Energy Management
- Geographic Information Systems
- Software Engineering

### Bachelor of Arts
- Science Communication §

### Bachelor of Science
- Chemistry
- Computer Science
- Ecology
- Mathematics
- Physics

### Bachelor of Commerce
- All Commerce subjects

### Aquaculture and Fisheries
- Bachelor of Applied Science
- Consumer Food Science
- Data Science
- Environmental Management
- Geographic Information Systems

### Bachelor of Arts
- Māori Studies
- Science Communication §

### Bachelor of Science
- Biochemistry
- Botany
- Chemistry
- Computer Science
- Ecology
- Environmental Toxicology §
- Food Science
- Genetics
- Geography
- Marine Science §
- Microbiology
- Oceanography
- Statistics
- Zoology

### Clothing and Textile Sciences
- Bachelor of Applied Science
- Clothing Textiles and the Human Environment §
- Consumer Food Science
- Forensic Analytical Science
- Sports Technology

### Bachelor of Arts
- Anthropology
- Gender Studies
- History
- Māori Studies
- Science Communication §
- Sociology

### Bachelor of Science
- Botany
- Chemistry
- Microbiology
- Pharmacology
- Physiology
- Psychology
- Statistics

### Bachelor of Commerce
- All Commerce subjects (Marketing Management recommended)

### Computational Modelling
- Bachelor of Applied Science
- Energy Management
- Software Engineering

### Bachelor of Arts
- Māori Studies

### Bachelor of Science
- Computer Science
- Ecology
- Electronics
- Genetics
- Mathematics
- Physics
- Physiology
- Statistics

### Bachelor of Commerce
- All Commerce subjects

### Consumer Food Science
- Bachelor of Applied Science
- Clothing and Textile Sciences

### Bachelor of Arts
- Anthropology
- History
- Māori Studies
- Sociology

### Bachelor of Science
- Food Science
- Food Service Management §
- Human Nutrition
- Nutrition Communication §
- Psychology
- Statistics

### Bachelor of Commerce
- All Commerce subjects (Management or Marketing Management recommended)

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?

Talk to a course adviser.

[otago.ac.nz/courseadvice](http://otago.ac.nz/courseadvice)
### Approved minor and second major subjects for BAppSc continued

#### Data Science
- Bachelor of Applied Science
- Applied Geology
- Aquaculture and Fisheries
- Computational Modelling
- Energy Management
- Environmental Management
- Forensic Analytical Science
- Geographic Information Systems
- Molecular Biotechnology
- Software Engineering
- Sport and Exercise Nutrition
- Sports Technology
- Telecommunications

#### Energy Management
- Bachelor of Applied Science
- Computational Modelling
- Data Science
- Environmental Management

#### Environmental Management
- Bachelor of Applied Science
  - Applied Geology
  - Computational Modelling
  - Data Science
  - Energy Management
  - Geographic Information Systems
  - Software Engineering

- Bachelor of Arts
  - Asian Studies
  - Communication Studies
  - Environment and Society
  - Indigenous Development/He Kura Matanui Māori Studies
  - Pacific Islands Studies
  - Politics
  - Sociology

- Bachelor of Science
  - Biology
  - Botany
  - Chemistry
  - Computer Science
  - Ecology
  - Environmental Toxicology
  - Geology
  - Marine Science
  - Mathematics
  - Microbiology
  - Physics
  - Plant Biotechnology
  - Psychology
  - Statistics
  - Zoology

#### Geographic Information Systems
- Bachelor of Applied Science
- Aquaculture and Fisheries
- Computational Modelling
- Data Science
- Energy Management
- Environmental Management
- Forensic Analytical Science
- Software Engineering
- Telecommunications

#### Molecular Biotechnology
- Bachelor of Applied Science
- Computational Modelling
- Data Science
- Environmental Management

#### Forensic Analytical Science
- Bachelor of Applied Science
  - Anatomy
  - Biochemistry
  - Botany
  - Chemistry
  - Computer Science
  - Food Science
  - Genetics
  - Geography
  - Geology
  - Microbiology
  - Pharmacology
  - Psychology
  - Statistics
  - Zoology

### Key:
- § Minor subject only
- † Second major subject only
- All Commerce subjects

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Degree and diploma structures - Approved minor and second major subjects for BAppSc
Approved minor and second major subjects for BAppSc continued

**Physical Education, Activity and Health**
- Bachelor of Applied Science
  - Computational Modelling
  - Environmental Management
  - Molecular Biotechnology
  - Software Engineering
  - Sport and Exercise Nutrition
  - Sports Technology
- Bachelor of Arts
  - Education
  - Gender Studies
  - Geography
  - Indigenous Development/He Kura Matanui
  - Māori Studies
  - Pacific Island Studies
  - Science Communication
  - Sociology
- Bachelor of Science
  - Anatomy
  - Biochemistry
  - Chemistry
  - Exercise and Sport Science
  - Food Science
  - Genetics
  - Geography
  - Human Nutrition
  - Mathematics
  - Neuroscience
  - Physics
  - Physiology
  - Psychology
  - Sport Development and Management
  - Statistics
- Bachelor of Commerce
  - All Commerce subjects

**Sport and Exercise Nutrition**
- Bachelor of Applied Science
  - Consumer Food Science
  - Supplementary Nutritional Science
- Bachelor of Arts
  - Māori Studies
- Bachelor of Science
  - Anatomy
  - Biochemistry
  - Food Science
  - Food Service Management
  - Pharmacology
  - Physiology
  - Psychology
- Bachelor of Commerce
  - All Commerce subjects

**Sports Technology**
- Bachelor of Applied Science
  - Clothing and Textile Sciences
  - Computational Modelling
  - Consumer Food Science
  - Data Science
  - Geographic Information Systems
  - Molecular Biotechnology
  - Software Engineering
  - Sport and Exercise Nutrition
  - Telecommunications
- Bachelor of Arts
  - Science Communication
- Bachelor of Science
  - Anatomy
  - Biochemistry
  - Computer Science
  - Food Science
  - Genetics
  - Human Nutrition
  - Information Science
  - Marine Science
  - Mathematics
  - Neuroscience
  - Physics
  - Physiology
  - Psychology
  - Statistics
- Bachelor of Commerce
  - All Commerce subjects

**Software Engineering**
- Bachelor of Applied Science
  - Computational Modelling
  - Energy Management
  - Geographic Information Systems
  - Telecommunications
- Bachelor of Arts
  - Communication Studies
  - Film and Media Studies
  - Geography
  - History
  - Māori Studies
  - Philosophy
  - Politics
  - Sociology
- Bachelor of Science
  - Computer Science
  - Electronics
  - Mathematics
  - Physics
  - Psychology
- Bachelor of Commerce
  - All Commerce subjects
Bachelor of Applied Science with Honours – BAppSc(Hons)

otago.ac.nz/courses/bappschons.html

Normal BAppSc(Hons) programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of the Department.

To be admitted, students must have completed a Bachelor of Applied Science degree, majoring in the subject or subjects of study proposed, with an average grade of at least B+ for the appropriate 300-level papers. The Honours programme must be completed in one year of full-time study.

A student with an Honours degree in one subject may take a second Honours degree in a different subject, and combined Honours programmes (including papers from two subjects) are also possible.

The due date for applications is 10 December, although late applications will be considered.

Applied Geology
APGE 490, GEOL 401;
four further 400-level GEOL papers

Aquaculture and Fisheries
MARI 450, 401, AQFI 421;
papers at 400-level in AQFI, MARI or OCEN to a total of 120 points
One paper may be replaced with an approved 400-level paper in a Science subject

Clothing and Textile Sciences
CLTE 490;
three of CLTE 451, 452, 453, 454, 455, 460
No new enrolments will be accepted for this subject.

Computational Modelling
COMO 480, 401;
three 400-level COSC or MATH papers
With approval from the Programme Director, other relevant 400-level papers may be substituted for COSC or MATH papers

Consumer Food Science
FOSC 490;
three approved papers from FOSC 421, 422, 423, 424, 425
Note: With approval from the Head of the Department of Food Science, FOSC 460 or one 400-level paper from another relevant subject may be substituted for one elective 400-level FOSC paper

Energy Management
EMAN 490, 402, 403, 405, 410

Environmental Management
GEOG 490, 471, 472;
one further 400-level paper

Forensic Analytical Science
FORS 490, 401;
40 points at 400-level from APPS, BIOA, BIOC, CHEM, CLTE, FOSC, GENE, LAWS, MICR, PHAL and STAT papers

Geographic Information Systems
SURV 590, 512, 513, PMAN 501 and an approved 500-level SURV or 400-level GEOG paper

Molecular Biotechnology
One of BIOC 490, GENE 490, MICR 490, PLBI 490;
three 400-level BIOC, GENE, MICR or PLBI papers

Software Engineering
SENG 490;
four further 400-level papers normally drawn from COSC, INFO or SENG papers

Sport and Exercise Nutrition
HUNT 490;
HUNT 441, 445, 452, 453;
one of PHSE 500, 501, 511, 512, 514;
HASC 413;
APPS 499

Telecommunications
TELE 490;
four 400-level TELE or approved COSC, ELEC, INFO, PHSI or SENG papers
Postgraduate Certificate in Applied Science – PGCertAppSc

Postgraduate Diploma in Applied Science – PGDipAppSc

Master of Applied Science – MAppSc

Applied Geology
GEOL 401;
six further 400-level GEOL papers;
three further approved 400-level papers;
APPS 597
or
GEOL 402, 403;
six further GEOL 400-level papers;
three further approved papers at 400-level; APPS 598

Bioengineering
BIOE 401, 403, 404, ENTR 421;
three further approved 400-level papers which may include BIOE 402
and/or BIOE 480;
APPS 597

Clothing and Textile Sciences
CLTE 451, 452, 453, 454;
three further approved 400-level papers;
APPS 597
No new enrolments will be accepted for this subject.

Computational Modelling
COMO 401;
three papers at 400-level from BIOE 403, MATH, STAT, COSC, ELEC;
three further approved 400-level papers;
APPS 597 or 598

Computer Science
Papers worth 120 points from COSC 402, 410, 411, 412, 420, 421, 422, 430, 431, 440, 441, 450, 470, 471;
20 further approved points at 400-level;
APPS 597

Consumer Food Science
Four of FOSC 421, 422, 423, 424, 425 approved by the Head of the Department of Food Science;
three further approved 400-level papers;
APPS 597 or 598

Creative Non-Fiction Writing in Science
SCOM 402, 403, 404, 409, 413;
two other 400-level papers;
APPS 597 (e.g., writing a book)
One of the prescribed papers may be replaced with another 400-level paper
with approval from the Director of the Centre for Science Communication
With approval, SCOM 5A may replace APPS 597 and one 400-level paper.
SCOM 432, 433, and 434 may be substituted for SCOM 402, 403, and 404.

Electronics
40 points from ELEC 441, 442, 443, 444, 445, 446;
100 further 400-level points as approved by the Programme Director;
APPS 597 or 598

Environmental Management
GEOG 471, 472;
further approved 400-level papers worth 100 points;
APPS 597

Geographic Information Systems
SURV 509, 511, 512, 513, 519;
two further approved 400- or 500-level papers;
APPS 597 or 598

Normal structures for programmes for the degree of MAppSc are set out below.

Programmes for the PGCertAppSc consist of approved 400- and 500-level papers, to the value of 60 points, selected from the papers specified for the degree of Master of Applied Science in the subject concerned. Each programme shall normally include papers from more than one subject.

Programmes for the PGDipAppSc consist of approved 400- and 500-level papers, to the value of 120 points, selected from the papers specified for the degree of Master of Applied Science in the subject concerned. Each programme shall normally include papers from more than one subject.

Students who have completed the requirements for the PGCertAppSc shall be exempted from the papers concerned if they proceed to a PGDipAppSc programme, and students who have completed the requirements for the PGCertAppSc or PGDipAppSc shall be exempted from the papers concerned if they proceed to an MAppSc programme.

For each qualification, some variations may be possible. For further details consult the University Calendar or the relevant Head of Department or Programme Director. To be admitted to any of the programmes, students must be graduates in appropriate disciplines or have satisfactory alternative qualifications or experience.

The due date for applications is 10 December, although late applications will be considered.
MAppSc continued

**Marine Environmental Science**  
MARI 401-403;  
APPS 597 or 598 (with approval);  
and papers worth 80 points from approved 400-level papers in AQFI,  
MARI, OCEN, BTNY, CHEM, ECOL, EMAAN, GEOG, GEOL, HAZA, INFO,  
LAWS, MADIR, PACI, PMAN, PHSI, POLS, SCOM, STAT, SURV, TOUR, WILM,  
ZOOL or others as approved by the Programme Director.

**Microbiology**  
MICR 461, 463, 464;  
four further approved 400-level papers;  
one of APPS 596, 597, 598

**Molecular Biotechnology**  
Six approved papers from BIOC 461, 462, 463, 464, GENE 411, 412,  
MICR 461, 462, 463, 464, PLBI 401;  
one further approved 400-level paper;  
APPS 597 or 598

**Plant Biotechnology**  
PLBI 401, BTNY 461, 465;  
four further approved 400-level papers:  
APPS 597

**Quantitative Genetics**  
STAT 435 and QGEN 401; and  
either three approved papers at 400-level in STAT, MATH and GENE;  
APPS 597 and APPS 598  
or five approved papers at 400-level in STAT, MATH and GENE;  
APPS 597 or APPS 598

**Science and Natural History Filmmaking**  
SCOM 402, 405, 409, 411, 412, 413, 419;  
APPS 597 (including production of a film)  
One of the prescribed papers may be replaced with another 400-level paper with  
approval from the Director of the Centre for Science Communication  
With approval, SCOM 5A may replace APPS 597 and one 400-level paper.  
SCOM 432, 433, and 434 may be substituted for SCOM 402, 403, and 404.

**Science Communication**  
Any seven 400-level SCOM papers that do not satisfy the requirements  
for any other endorsement;  
APPS 597  
Two of the prescribed papers may be replaced with other 400-level papers  
with approval from the Director of the Centre for Science Communication  
With approval, SCOM 5A may replace APPS 597 and one 400-level paper.  
SCOM 432, 433, and 434 may be substituted for SCOM 402, 403, and 404.

**Science Innovation and Enterprise**  
SIEN 401, ENTR 421;  
and one of ENTR 412, 414;  
one approved paper at 400-level;  
three further approved papers at 400-level, normally in Science subjects;  
one of APPS 596, 597, 598

**Science in Society**  
SCOM 402, 404, 406, 409, 413;  
two other 400-level papers;  
APPS 597 (e.g. production of exhibition or multimedia project)  
One of the prescribed papers may be replaced with another 400-level paper with approval from the Director of the Centre for Science Communication  
With approval, SCOM 5A may replace APPS 597 and one 400-level paper.  
SCOM 432, 433, and 434 may be substituted for SCOM 402, 403, and 404.

**Software Engineering**  
Approved 400-level papers worth 140 points normally drawn from  
COSC, INFO or SENG papers;  
APPS 597 or 598 or SENG 580

**Sport and Exercise Nutrition**  
Three of HUNT 441, 445, 452, 453, NUTN 407;  
two of PHSE 500, 501, 511, 512, 514;  
two further approved 400- or 500-level papers;  
one of APPS 596, 597, 598  
Substitutions of other postgraduate papers may be approved by the Head of the Department of Human Nutrition

**Telecommunications**  
Approved 400-level TELE, INFO, ELEC, COSC papers worth 140 points;  
APPS 597 or 598
Bachelor of Surveying – BSurv

otago.ac.nz/courses/bsurv.html

The normal BSurv programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Dean of the School of Surveying.

Intending surveying students must enrol in their first year for the Surveying First Year (BSc) course.

Students may apply for admission to second year classes in Surveying after completing a competitive First Year course or an appropriate Bachelor's degree. Numbers allowed to advance to second year papers are restricted so that the total Bachelor of Surveying and Bachelor of Science students do not exceed 65 (see Clause 1(b) of the BSurv Regulations in the University Calendar). The due date for applications for enrolment in the Second Year course is 15 November.

1st Year
SURV 101, 102; ENGL 228; MATH 160 (or approved equivalents); 54 further points

2nd Year
SURV 201, 202, 203, 204, 205, 206, 207, 208, 298, 299

3rd Year
SURV 301, 302, 303, 304, 306, 307, 309, 399

4th Year
PMAN 401, SURV 450, 455, 499

Plus 54 points from SURV 319, 322, 329, 410, 411, 413, 451, 452, 453, 454, 456, 457, 458, 459, 460, 462, 463, 469, 470, 480, including at least 36 400-level points. Further papers in any subject to make a total of 522 points.

Total 522 points

Bachelor of Surveying with Honours – BSurv(Hons)

otago.ac.nz/courses/bsurvhons.html

Admission is subject to special approval after the second year BSurv course.

At least 550 points are required, including SURV 590.

1st Year
SURV 101, 102; ENGL 228 (or approved equivalents); MATH 160; 54 further points

2nd Year
SURV 201, 202, 203, 204, 205, 206, 207, 208, 298, 299

3rd Year
SURV 301, 302, 303, 304, 306, 307, 309, 399

4th Year
PMAN 501, SURV 450, 455, 499, 590

Plus 58 points from SURV 319 (or 519), 322, 329, 510, 511, 512, 513, 551, 552, 553, 554, 556, 557, 558, 559, 562, 563, 569, 573, 574, 575, including at least 40 points at 500-level.

Total 550 points
Bachelor of Commerce – BCom

Economics

100-level BSNS 113, ECON 112
BSNS 111, 112, 114, 115 - must normally be taken in first year of study

200-level ECON 201 or 271;
ECON 202;
one further 200-level ECON paper

300-level four 300-level ECON papers

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points

Finance

100-level BSNS 112, 114, 115, FINC 102.
(grades of at least C+ in the BSNS papers are needed in order to proceed to 200-level FINC papers)

200-level FINC 202, 203, 206

300-level FINC 302, 303;
two further 300-level papers
One must be a FINC paper, and the other must be a FINC, ACCT or ACFI paper

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points

Human Resource Management

100-level BSNS 111, MANT 101;

200-level MANT 250, 251;
one of MANT 217, 222, 252

300-level MANT 345, 346;
two of MANT 330, 339, 343, 347

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points

Accounting

100-level BSNS 112, 114, 115, ACCT 102.
(grades of at least C+ are needed in order to proceed to 200-level ACCT papers)
BSNS 111, 113 - must normally be taken in first year of study

200-level ACCT 211, 222, 233

300-level ACCT 302 or 307;
ACCT 310 or 315;
two further 300-level papers
One must be an ACCT paper, and the other must be an ACCT, ACFI or FINC paper

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points

Economics

100-level BSNS 113, ECON 112
BSNS 111, 112, 114, 115 - must normally be taken in first year of study

200-level ECON 201 or 271;
ECON 202;
one further 200-level ECON paper

300-level four 300-level ECON papers

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points

Finance

100-level BSNS 112, 114, 115, FINC 102.
(grades of at least C+ in the BSNS papers are needed in order to proceed to 200-level FINC papers)

200-level FINC 202, 203, 206

300-level FINC 302, 303;
two further 300-level papers
One must be a FINC paper, and the other must be a FINC, ACCT or ACFI paper

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points

Human Resource Management

100-level BSNS 111, MANT 101;

200-level MANT 250, 251;
one of MANT 217, 222, 252

300-level MANT 345, 346;
two of MANT 330, 339, 343, 347

Plus 126 further points; must include 54 points at 200-level or above.
Up to 90 points may be taken from outside Commerce.

Total 360 points
Bachelor of Commerce – BCom continued

**Information Science**

100-level
- COMP 101, 160*
- BSNS 111, 112, 113, 114, 115 - must normally be taken in first year of study

200-level
- INFO 201, 202, 203, 204

300-level
- INFO 301, 302;
- two further 300-level INFO papers

*In exceptional circumstances (such as having prior programming experience) and with approval from the Head of Department, the COMP 160 requirement may be waived or the paper replaced with COMP 150.

**International Business**

100-level
- BSNS 113, MANT 101;
- ECON 112 recommended
- BSNS 111, 112, 114, 115 - must normally be taken in first year of study

200-level
- ECON 201;
- one of MANT 217, 222;
- one further 200-level Commerce paper

300-level
- ECON 302;
- MANT 332 or 342;
- MART 326;
- one further 300-level Commerce paper

Plus 126 further points, comprising 18 further Commerce points and 108 points of approved language and/or culture papers, which will normally include an 18 point business language paper and an approved 18 point culture paper. At least 54 of these 126 points must be at 200-level or above.

**Management**

100-level
- BSNS 111, MANT 101
- BSNS 112, 113, 114, 115 - must normally be taken in first year of study

200-level
- MANT 250, 251;
- one further 200-level MANT paper

300-level

Plus 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.

**Marketing Management**

100-level
- BSNS 112, MART 112
- BSNS 111, 113, 114, 115 - must normally be taken in first year of study
- two of MART 201, 210, 211

300-level
- MART 301;
- three of MART 304, 305, 306, 308, 325, 326, 328, 329, 330, 333, 335

Plus 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.

**Philosophy, Politics and Economics**

100-level
- BSNS 113, ECON 112, PHIL 105;
- one 100-level POLS paper (POLS 102 recommended)
- BSNS 111, 112, 114, 115 - must normally be taken in first year of study

200-level
- PHPE 201;
- one further 200-level ECON paper;
- one 200-level PHIL paper;
- one 200-level POLS paper;
- one further 200-level PHIL, POLS or ECON paper

300-level
- MANT 331;
- five 300-level ECON, PHIL, PHPE or POLS papers, including at least two papers in Economics and at least one paper in each of Philosophy and Politics.
- CLAS 340 may be substituted for one 300-level PHIL paper

**Tourism**

100-level
- TOUR 101, TOUR 102 or 103
- BSNS 111, 112, 113, 114, 115 - must normally be taken in first year of study

200-level
- TOUR 217, 218, 219

300-level
- TOUR 309;
- three further 300-level TOUR papers

Plus 108 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.

Papers at 100- to 300-level are normally worth 18 points each.

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?

Talk to a course adviser.

[otago.ac.nz/courseadvice](http://otago.ac.nz/courseadvice)
Bachelor of Commerce with Honours – BCom(Hons)

[Link: otago.ac.nz/courses/bcomhons.html]

Normal BCom(Hons) programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of Department.

To be admitted, students must have completed a Bachelor of Commerce degree, majoring in the subject or subjects of study proposed, with an average grade of at least B+ for the appropriate 300-level papers. In most cases, specific papers must have been passed as part of or in addition to the major subject requirements in the BCom programme. The Honours programme must be completed in one year of full-time study.

A student with an Honours degree in one subject may take a second Honours degree in a different subject, and combined Honours programmes (including papers from two subjects) are also possible.

The due date for applications is 10 December, although late applications will be considered.

Prerequisites: papers which must have been passed as part of or in addition to the normal major subject requirements for the subject concerned in the preceding ordinary degree programme.

**Accounting**

ACCT 480; ACFI 459* and three further papers from 400-level ACCT papers, BSNS 401

Prerequisite: ACFI 359

*Students who have previously completed ACFI 359 or an acceptable research methods paper from another university may substitute an additional 400-level ACCT paper or BSNS 401 for ACFI 459.

**Economics**

ECON 480; four of ECON 402, 403, 404, 405, 406, 407, 410, 411, 412, 413, including at least one of ECON 410 and 411, and at least one of ECON 412 and 413

Prerequisite: ECON 375 and 377, two further 300-level ECON papers plus 18 further 300-level points

**Finance**

FINC 480; four further 400-level FINC papers

Prerequisites: FINC 308 (or an approved alternative), ACFI 359

**Information Science**

INFO 490; four papers from 400-level INFO papers

Prerequisites: INFO 312; two of INFO 321, 322, 323, 324; and two further papers from 300-level INFO papers, SENG 301

For admission in 2019: INFO 301, 302; and three further 300-level INFO papers

**International Business**

IBUS 480 plus International papers at 400-level from Commerce Schedule C worth 60 points as approved by the Director, International Business; further International papers at 400-level worth at least 20 points from either Commerce Schedule C or Arts and Music Schedule C, as approved by the Director, International Business

**Management**

MANT 414, 480; three further 400-level MANT papers

**Marketing Management**

MARK 480; MARK 460, 461, 462, and one of MART 448, 463, 464, 465, 466, 467, 468, 469, 470

Prerequisites: four 300-level MART papers or alternative 300-level papers approved by the Head of Department.

**Philosophy, Politics and Economics**

Either ECON 492 or PHIL 490; three further 400-level ECON, PHIL or POLS papers

No more than 100 points may be from any one of the component disciplines.

**Tourism**

TOUR 480, 423; three further 400-level TOUR papers

Prerequisites: TOUR 309
Postgraduate Diploma in Commerce – PGDipCom

otago.ac.nz/courses/pgdipcom.html

Normal PGDipCom programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of Department.

The PGDipCom may be awarded in any of the subjects, or in an approved combination of subjects, listed below.

To be admitted, students must have completed a Bachelor of Commerce degree, majoring in the subject or subjects of study proposed. In some cases, specific papers must have been passed as part of or in addition to the major subject requirements in the BCom programme. The programme may be completed in one year of full-time study, or over a longer period by part-time students.

The due date for applications is 10 December, although late applications will be considered.

Prerequisites: papers which must have been passed as part of or in addition to the normal major subject requirements for the subject concerned in the preceding ordinary degree programme.

**Accounting** (not offered in 2019)

120 points from 400-level ACCT or ACFI papers.

Other papers may be substituted subject to approval, up to a maximum of 40 points

Additional 300-level papers may be required of students who have not majored in Accounting for a BCom degree

**Economics**

120 points from 400-level ECON papers

Prerequisites: ECON 375, 377

**Entrepreneurship**

ENTR 411, 412, 413, 414, 415; plus one of ENTR 420, 421 or TOUR 416

**Finance**

120 points from 400-level FINC or ACFI papers.

Other papers may be substituted subject to approval, up to a maximum of 40 points

**Information Science**

120 points selected from 400-level INFO papers

May include INFO 490, but not required

**International Business**

International papers at 400-level from Commerce Schedule C worth 80 points as approved by the Director, International Business; further international papers at 400-level worth at least 40 points from either Commerce Schedule C or Arts and Music Schedule C, as approved by the Director, International Business

**Management**

120 points from 400-level MANT papers

**Marketing Management**

120 points from approved 400-level MART papers excluding MART 480

**Tourism**

TOUR 423; 100 further 400-level TOUR points excluding TOUR 480
Coursework Masters’ Degrees in Commerce

There are several masters’ degree programmes with broadly similar structures that involve a number of taught papers together with an applied project or research project rather than a thesis.

The normal structures of the programmes for the degrees are set out below. Some variations may be possible. For further details consult the University Calendar or the following:

MBusDataSc – Head of the Department of Information Science
MEcon – Head of the Department of Economics
MEntr – Entrepreneurship Academic Leader
MFinc, MProfAcct – Head of the Department of Accountancy and Finance
MIntBus – International Business Programme Director
MMAIBus – Associate Dean (Academic), School of Business
MMart – Head of the Department of Marketing
MSusBus – Head of the Department of Management
MTour – Head of the Department of Tourism

To be admitted, students must be graduates or have satisfactory alternative qualifications or experience. Applicants for MAcct, MBusDataSc, MEcon, MEntr, MFinc, MIntBus, MMart, MProfAcct, MSusBus must normally have an average grade of at least B+ in their 300-level papers (the initial degree must be in economics for MEcon and mathematically-oriented for MFinc).

The due date for applications is 10 December, although late applications will be considered.

Master of Business Data Science – MBusDataSc
[Link to MBusDataSc course]
BSNS 401, COSC 430, INFO 408, 411, 420, 424, MART 448 (20 points each)
Either INFO 501 (40 points) or INFO 580 (40 points)

Master of Economics – MEcon
[Link to MEcon course]
Six papers from ECON 402-413 including ECON 410 and 411 and at least one of ECON 412, 413 (120 points)
ECON 580 (60 points)

Master of Entrepreneurship – MEntr
[Link to MEntr course]
ENTR 411, 412, 413, 414, 415 (20 points each)
One of ENTR 420, 421, TOUR 416 (20 points each)
ENTR 525 (60 points)

Master of Finance – MFinc
[Link to MFinc course]
Seven of ACFI 459, BSNS 401, FINC 402, 403, 405, 406, 410, 411, 420, 425, 460, 499 (20 points each)
Either FINC 501 (40 points) or FINC 580 (40 points)

Master of International Business – MIntBus
[Link to MIntBus course]
MANT 414, 454, 460 (20 points each)
Four of ACCT 412, BSNS 401, ECON 404, ENTR 411, 415, FINC 410, MANT 415, TOU 422, CHIN 441, FREN 441, GERM 441, JAPA 441, SPAN 441 (20 points each)
Either IBUS 501 (40 points) or IBUS 580 (40 points)

Master of Māori and Indigenous Business – MMAIBus (not offered in 2019)
[Link to MMAIBus course]
MAIB 711-714, 721-724, 731-734 (20 points each)
A Postgraduate Diploma in Māori and Indigenous Business (PGDipMAIBus) is also available - achieved by passing papers worth a total of 120 points from MAIB 701-704, 711-714, 721-724 (20 points each). Students who proceed to the MMAIBus programme shall be exempted from papers passed for the PGDipMAIBus.

Master of Marketing – MMart
[Link to MMart course]
MART 460, 461, 462 (20 points each)
Four of MART 448, 463-470, BSNS 401, ENTR 411, 415, MANT 454, (20 points each), including at least two MART papers
Either MART 501 (40 points) or MART 580 (40 points)

Master of Professional Accounting – MProfAcct
[Link to MProfAcct course]
ACCT 403, 406, 409, 421, 422, 423, 429, ACTP 411, 412, BSNS 401 (20 points each) and ACCT 501 (40 points)

Master of Sustainable Business – MSusBus
[Link to MSusBus course]
MANT 414, 437, 450, 451 (20 points each)
Three of BSNS 401, ECON 405, EMAN 410, ENTR 420, FINC 420, GEOG 472, 475, MANT 415, 455, TOUR 422 (20 points each)
Either MANT 501 (40 points) or MANT 580 (40 points)

Master of Tourism – MTour
[Link to MTour course]
TOUR 423, and either TOUR 424 or TOUR 427 (20 points each);
four further 400-level TOUR papers (20 points each), or three further 400-level TOUR papers and one other 400-level paper from outside Tourism (20 points each);
TOUR 590 (60 points)
Health Sciences First Year course

Admission to second year classes in Dentistry, Medical Laboratory Science, Medicine, Pharmacy, and Physiotherapy is determined by Admissions Committees and is most commonly gained through a competitive Health Sciences First Year.

The Health Sciences First Year course is designed for students seeking admission into the Health Sciences professional degrees in Dentistry, Medical Laboratory Science, Medicine, Pharmacy and Physiotherapy. It is a prescribed 126 point course to be completed in its entirety in the first year of a student's university study.

The Health Sciences First Year course consists of seven compulsory papers each worth 18 points:

**Health Sciences First Year**

- BiOC 192 Foundations of Biochemistry
- CELS 191 Cell and Molecular Biology
- CHEM 191 The Chemical Basis of Biology and Human Health
- HUBS 191 Human Body Systems 1
- HUBS 192 Human Body Systems 2
- PHSI 191 Biological Physics
- POPH 192 Population Health

Students are strongly recommended to have studied Biology, Chemistry and Physics at NCEA Level 3 (or equivalent). Students who have not done so will find the Health Sciences First Year course very challenging.

The Health Sciences First Year course should be taken in students’ first year of university study. Students who are thinking of completing any university study prior to enrolling in the Health Sciences First Year course are strongly advised to contact the Health Sciences Admissions Office for further information before commencing study. Students who have already completed prior university study should contact the Health Sciences Admissions Office for further information.

Enquiries should be made to:

**The Manager, Health Sciences Admissions**

health-sciences@otago.ac.nz

All Health Sciences First Year students will be required to pass a compulsory English diagnostic test in the first semester. Students who fail the test will be required to take ENGL 126 English for University Purposes.

Students may take an additional optional paper selected from an approved list (available at healthsci.otago.ac.nz/courses/hsfy.html) in the second semester. The results in the best seven papers will be counted for the purposes of admission to the professional programmes, provided that the compulsory seven papers are passed at or above the required minimum standard.

**Admission to Health Sciences Professional Programmes**

Admission to the Health Sciences Professional Programmes is governed by the regulations contained in the University Calendar. Students are advised to read these regulations to ensure they are familiar with the admission requirements. Admission to Dentistry and Medicine requires applicants to have a current Undergraduate Medicine and Health Sciences Admission Test (UMAT) result.

The due date for applications to enrol in second year classes is **15 September** in the year preceding that to which admission is sought.

**Changing direction**

Not all students who take the Health Sciences First Year course are accepted for the professional programmes, and some may decide to proceed to other programmes. The Health Sciences First Year course can be used as a basis for proceeding to BSc, BAppSc, BBimedSc, BHealSc, or BASc programmes majoring in a variety of subjects. Some combinations of major and/or minor subjects might mean that a student who switches to a new programme needs more than three years to complete a general bachelor's degree programme.
Health Sciences professional programmes

**Bachelor of Dental Surgery (BDS)**

- [otago.ac.nz/courses/bds.html](otago.ac.nz/courses/bds.html)
- **1st Year**: Health Sciences First Year Course
- **2nd Year**: DENT 261, 262, 263
- **3rd Year**: DENT 361, 362, 363
  - or
  - DENT 364*
- **4th Year**: DENT 461, 462, 463
- **5th Year**: DENT 551, 552, 553

* for approved international students only

**Bachelor of Dental Surgery with Honours – BDS(Hons)**

- [otago.ac.nz/courses/bdshons.html](otago.ac.nz/courses/bdshons.html)
- The first four years of this programme are as for the BDS degree.
- The Fifth Year course comprises DENT 561, 562 580 and 581.

**Bachelor of Medical Laboratory Science – BMLSc**

- [otago.ac.nz/courses/bmlsc.html](otago.ac.nz/courses/bmlsc.html)
- **1st Year**: Health Sciences First Year Course
- **2nd Year**: MELS 208, 221, 223, 230, 241, 251
- **3rd Year**: MELS 301, 302, 304, 305, 306
- **4th Year**: two of MELS 401, 402, 403, 404, 405, 406, 407, 408, 409

**Bachelor of Pharmacy (BPharm)**

- [otago.ac.nz/courses/bpharm.html](otago.ac.nz/courses/bpharm.html)
- **1st Year**: Health Sciences First Year Course
- **2nd Year**: PHCY 210, 211, 220
- **3rd Year**: PHCY 310, 320 (subject to approval)
- **4th Year**: in 2019: PHCY 470, 471, 472, 473
  - From 2020: PHCY 410, 420, 430, 431, 432 (subject to approval)

**Bachelor of Pharmacy with Honours – BPharm(Hons)**

- [otago.ac.nz/courses/bpharmhons.html](otago.ac.nz/courses/bpharmhons.html)
- The first three years of this programme are as for the BPharm degree.
- The Fourth Year course comprises PHCY 480, 481, 482 and 483.

**Bachelor of Physiotherapy (BPhty)**

- [otago.ac.nz/courses/bphty.html](otago.ac.nz/courses/bphty.html)
- **1st Year**: Health Sciences First Year Course
- **2nd Year**: PHTY 250, 251, 252, 254, 255
- **3rd Year**: PHTY 353, 354, 355
- **4th Year**: PHTY 455, 456, 457, 458, 459

**Bachelor of Physiotherapy with Honours – BPhty(Hons)**

- [otago.ac.nz/courses/bphtyhons.html](otago.ac.nz/courses/bphtyhons.html)
- The first three years of this programme are as for the BPhty degree.
- The Fourth Year course comprises PHTY 468 and PHTY 469.
- The due date for applications is 1 October in the year in which the Third Year course is taken.
Bachelor of Oral Health – BOH

tonago.ac.nz/courses/boh.html

The normal structure of the programme for the degree is set out below. For further details consult the University Calendar or the Operations Manager, Faculty of Dentistry.

The due date for applications to enrol in the first year of the programme is 15 September.

1st Year  DEOH 101, 102, 103, 104, MAOR 102*
2nd Year  DEOH 201, 202, 203, PUBH 202, SOCI 101
3rd Year  DEOH 301, 302, 303, 304
*MAOR 102 must be taken in the second semester

Bachelor of Dental Technology – BDentTech

tonago.ac.nz/courses/bdenttech.html

The normal structure of the programme for the degree is set out below. For further details consult the University Calendar or the Operations Manager, Faculty of Dentistry.

The due date for applications to enrol in the first year of the programme is 15 September.

1st Year  CHEM 191, DTEC 101, 102, 103, PHSI 191
2nd Year  DTEC 201, 202, 203, 204
3rd Year  DTEC 301, 302, 303, MART 205

Bachelor of Dental Technology with Honours – BDentTech(Hons)

tonago.ac.nz/courses/bdenttechhons.html

Normal BDentTech(Hons) programme structures are set out below.

There are two pathways for this degree. Students who have completed the Health Sciences First Year course apply first for admission to the ordinary degree of Bachelor of Dental Technology (BDentTech) and at the end of the second year of study apply for admission to the third stage of the Honours programme (see Table 1 below). Alternatively, students who have completed the third year requirements for BDentTech may apply for admission to the fourth stage of the programme (see Table 2 below).

For further details consult the University Calendar or the Operations Manager, Faculty of Dentistry.

The due date for applications to enrol in the programme for the first time is 15 September.

<table>
<thead>
<tr>
<th>Table 1</th>
<th>Table 2</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BDentTech(Hons) (entry at third stage)</strong></td>
<td><strong>BDentTech(Hons) (entry at fourth stage)</strong></td>
</tr>
<tr>
<td>1st Stage</td>
<td>1st Stage</td>
</tr>
<tr>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191, POPH 192</td>
<td>CHEM 191, DTEC 101, 102, 103, PHSI 191</td>
</tr>
<tr>
<td>2nd Stage</td>
<td>2nd Stage</td>
</tr>
<tr>
<td>DTEC 102, 103, 105, 204, MART 205</td>
<td>DTEC 201, 202, 203, 204</td>
</tr>
<tr>
<td>3rd Stage</td>
<td>3rd Stage</td>
</tr>
<tr>
<td>DTEC 202, 203, 205, 303, 491</td>
<td>DTEC 301, 302, 303, MART 205</td>
</tr>
<tr>
<td>4th Stage</td>
<td>4th Stage</td>
</tr>
<tr>
<td>DTEC 302, 492</td>
<td>DTEC 490</td>
</tr>
</tbody>
</table>
Bachelor of Health Sciences – BHealSc

otago.ac.nz/courses/bhealsc.html

Normal structures for programmes majoring in each major subject for the degree are set out below. Some variations may be possible. The degree may also be awarded as an exit qualification to students who withdraw permanently from Health Sciences professional programmes. For further details consult the University Calendar or email the Programme Administrator at bhealsc@otago.ac.nz

Every BHealSc programme requires a minimum total of 360 points. May include a specified minor subject (see pages 50 and 99 for details). Papers at 100- to 300-level are normally worth 18 points each.

Community Health Care

100-level  EDUC 105, HUBS 191, 192; PUBH 192 or POPH 192

200-level  CMHC 201, 211, MAOH 201, PACH 201; at least two of BITC 201, GEOG 219, PATH 201, PUBH 203, PUBH 211, SOCI 205

300-level  CMHC 301, 311, MAOH 301 and PACH 301

Plus 108 further points

The following papers are suggested: ANTH 105, BIOC 192, BSNS 113, CELS 191, CHEM 191, MAOR 102, PACI 101, PSYC 111, 112; ANAT 241, 242, BITC 201, MAOR 202, MICR 223, PACI 201, PHAL 211, MELS 251, PSME 201, PSYC 212, PUBH 202; BITC 301, INDV 301, PACI 301, PUBH 311

Total 360 points

EDUC 105 can be taken during the second year of study

Māori Health

100-level  MAOR 102, HUBS 191, 192; PUBH 192 or POPH 192

200-level  CMHC 201, MAOH 201, PUBH 202, 204; at least two of CMHC 211, MAOR 202, 204, 211, PUBH 203, SOWK 236, SPEX 206

300-level  MAOH 301, PUBH 304 and at least two of CMHC 301, 311, PUBH 303, SOWK 304, SPEX 306

Plus 108 further points

The following papers are suggested: BSNS 111, EDUC 105, MANT 101, MAOR 112, 110, SOWK 111; BITC 201, MAOR 212, PACH 201, PUBH 211, SOCI 205; INDV 301, 302, MAOR 311, 312, PACI 301

Total 360 points

MAOR 102 can be taken during the second year of study

Pacific and Global Health

100-level  HUBS 191, 192; PUBH 192 or POPH 192

200-level  PACI 201, PUBH 202, 203, 204, 211; at least two of BITC 201, CMHC 211, HIST 210, PACI 201, POLS 213, PUBH 202

300-level  PACI 301, PUBH 303; at least two of ANTH 323, BITC 301, CMHC 311, MAOH 301, POLS 320, PUBH 311

Plus 126 further points

The following papers are suggested: ACCT 102, ASIA 101, BSNS 113, CMHC 201, ECON 112, GLBL 101, HIST 107, MANT 101, PACI 103, STAT 115; ECON 201, ENGL 228, MANT 217, 251, PACI 210, SOCI 205, STAT 210; CMHC 301, ECON 306, HIST 337, MANT 341, PACI 301, 310, POLS 303, STAT 341

Total 360 points

Public Health

100-level  HUBS 191, 192; PUBH 192 or POPH 192

200-level  PUBH 202, 204, 211; at least three of ANTH 210 or 211, CMHC 201, GEOG 219, PACI 201, PUBH 203, SOCI 205, SOWK 236

300-level  PUBH 303; PUBH 304 or 311; at least two of ANTH 322 or 323, CMHC 301, GEOG 379, PACI 301, PUBH 304, 311, SOWK 306, SOWK 304

Plus 126 further points

The following papers are suggested: BSNS 113, EDUC 105, ECON 112, HIST 107, MAOR 102, 110, PACI 103, PHIL 105, SOWK 111, STAT 115; ECON 201, HIST 223, MAOH 201, MAOR 202, 204, MFCO 222, POLS 202, PSME 201, SPEX 205, 206, STAT 210; ECON 306, HIST 306, INDV 301, POLS 303, STAT 341

Total 360 points

If you are intending to enrol in one of the Health Sciences professional programmes (see list on page 92) you will need to enrol initially in the Health Sciences First Year course (page 91).
## Bachelor of Biomedical Sciences – BBiomedSc

otago.ac.nz/courses/bbiomedsc.html

Normal BBiomedSc programme structures are set out below. The requirements for each major subject are given together with the points values and levels of other papers needed in each programme. Some variations may be possible. For further details consult the University Calendar or email the Programme Administrator at biomedsc@otago.ac.nz

- 360 points with at least 180 points above 100-level, of which at least 72 points must be at 300-level in the papers specified. At least 288 points must be papers prescribed for the degree; the remaining points may come from any undergraduate degree. Candidates will not normally be permitted to enrol for any papers of a year until all papers of the preceding year have been passed.
- Must include major subject requirements for at least one of the subjects in the lists below.

Every BBiomedSc programme requires a minimum total of 360 points. Papers at 100- to 300-level are normally worth 18 points each.

### Drugs and Human Health

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191; 18 further points</td>
</tr>
<tr>
<td>2nd Year</td>
<td>PHAL 211, 212; PHSL 232 or 233; at least 54 further points from ANAT 241, BIOC 223, CHEM 205, MICR 221, 223, PATH 201, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd Year</td>
<td>PHAL 304, 306; at least 36 points from ANAT 332, BIOC 353, CHEM 305, MICR 334, PATH 302, PHAL 303 (or 305), PHSL 343, 344, 345; 36 further points</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Functional Human Biology

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191; 18 further points</td>
</tr>
<tr>
<td>2nd Year</td>
<td>PHSL 231, 232, 233; at least 54 points from ANAT 241, 242, BIOC 223, HUNT 221, 222, 223, MICR 221, 223, PATH 201, PHAL 211, 212; 18 further points</td>
</tr>
<tr>
<td>3rd Year</td>
<td>PHSL 343, 345; at least 36 points from ANAT 331, 332, 335, BIOC 353, HUNT 311, 312, MICR 332, 334, PATH 301, PHAL 304, 305, PHSL 342 (or 341 or 344); 36 further points</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Infection and Immunity

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191; 18 further points</td>
</tr>
<tr>
<td>2nd Year</td>
<td>MICR 221, 222, 223; at least 54 points from ANAT 241, BIOC 221, 222, 223, FOSC 202, GENE 221, 223, PATH 201, PHSL 231, 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd Year</td>
<td>MICR 332, 334; at least 36 points from ANAT 332, BIOC 352, 353, GENE 313, 314 (or 315), MICR 337, PATH 301, 302, PHAL 305, PHSL 342, 343, 345; 36 further points</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Molecular Basis of Health and Disease

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191; 18 further points</td>
</tr>
<tr>
<td>2nd Year</td>
<td>ANAT 241, BIOC 221, 223, PATH 201; at least 36 points from ANAT 243, BIOC 222, GENE 221, 222, 223, HUNT 221, 222, MICR 221, 223, PHAL 211, 212, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd Year</td>
<td>Three of BIOC 352, 353, PATH 301, 302; at least one further paper from ANAT 332, BIOC 351, 352, 353, GENE 313, 314, 315, MICR 332, 334, 337, PATH 301, 302, PHAL 304, 305, 306, PHSL 343, 345; 36 further points</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Nutrition and Metabolism in Human Health

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191; 18 further points</td>
</tr>
<tr>
<td>2nd Year</td>
<td>HUNT 221, 222, 223; at least 54 further points from ANAT 241, BIOC 221, 223, MICR 221, 223, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd Year</td>
<td>HUNT 311, 312; at least 36 further points from ANAT 331, 332, BIOC 352, 353, HUNT 313, MICR 331, 332, PHSL 343, 345; 36 further points</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

### Reproduction, Genetics and Development

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192, PHSI 191; 18 further points</td>
</tr>
<tr>
<td>2nd Year</td>
<td>ANAT 241, 243, GENE 221, 223; at least 36 points from ANAT 242, BIOC 221, GENE 222, MICR 223, PATH 201, PHSL 231; 18 further points (BIOL 112 required if intending to take ZOOL 223 in third year, GENE 222 required if intending to take GENE 313 in third year)</td>
</tr>
<tr>
<td>3rd Year</td>
<td>Three of ANAT 333, 334, GENE 314, 315; at least 18 points from ANAT 332, 333, 334, ANTH 322, GENE 313, 314, 315, MICR 332, 334, PATH 301, 302, PHSL 341, 342; 36 further points (ZOOL 223 recommended) ANAT 333 and PATH 301 cannot be taken concurrently. Students wishing to include PATH 301 must also take ANAT 334, GENE 314, 315</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>
Bachelor of Biomedical Sciences with Honours – BBiomedSc(Hons)

A Bachelor of Biomedical Sciences with Honours (BBiomedSc(Hons)) programme is available to students who have completed the requirements for the degree of Bachelor of Biomedical Sciences, or an equivalent qualification recognised by the Board of Studies for Biomedical Sciences, with an average grade of at least B+ for the appropriate four 300-level papers of the major subject and have passed one further paper at 300-level to make a total of 90 points at 300-level. Applicants must normally have passed papers worth at least 126 points, at 200-level or above, during their third year of study.

The Honours degree is a thesis-only qualification, and may be awarded in any one of the following subjects:

- Drugs and Human Health
- Functional Human Biology
- Infection and Immunity
- Molecular Basis of Health and Disease
- Nutrition and Metabolism in Human Health
- Reproduction, Genetics and Development

Enquiries about admission to the programme should be directed to the Programme Administrator (email biomedsc@otago.ac.nz). For further details, consult the University Calendar.

Master of Biomedical Sciences - MBiomedSc

A one-year, thesis-only master's degree is available to students who have completed a BBiomedSc(Hons) degree or an equivalent qualification in a biomedical subject.

Bachelor of Radiation Therapy – BRT

The normal BRT programme structure is set out below. For further details consult the University Calendar or the Head of the Department of Radiation Therapy, University of Otago, Wellington.

The due date for applications to enrol in the first year of the programme is 15 September.

1st Year  RADT 121, 122, 123, 124, 125, 126, 127
2nd Year  RADT 211, 212, 213, 214, 215, 216
3rd Year  RADT 311, 312, 313, 314, 315

Note: Candidates require a clinical placement to have been arranged before enrolling in RADT 211 or RADT 311.

Bachelor of Radiation Therapy with Honours – BRT(Hons)

An Honours programme is available to Radiation Therapy students who have completed the requirements for the BRT degree.
Bachelor of Arts and Science – BASc

The normal structure of the programme for the degree of BASc is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Departments teaching your major subjects.

- Every programme requires papers worth at least 480 points (normally 27 18-point papers would be taken, making a total of 486 points).
- Must include at least 216 points for papers from Arts and Music Schedule C and 216 points for papers from Science Schedule C (see page 106).
- Must include two major subjects: one from those available for Bachelor of Arts (see pages 53-57) and a different one from those available for either Bachelor of Science (see pages 71-74) or Bachelor of Applied Science (see page 79-80).
- May include a specified minor subject. See pages 50 and 99 for details.

There are about 1500 combinations of major subjects available, so it not possible to provide summaries of all BASc programmes. The following is only one example, showing a programme including the major subject requirements for History (an Arts major subject) and Genetics (a Science major subject).

Specimen BASc programme

100-level  two 100-level HIST papers;
           CELS 191, CHEM 191, BIOC 192, HUBS 191, 192, PHSI 191, PUBH 192
200-level  three 200-level HIST papers;
           GENE 221-223
300-level  four 300-level HIST papers;
           four of GENE 312-315, BIOC 352, MICR 335
Plus      two further papers from Arts and Music Schedule C;
          two further papers in any subject

Diploma for Graduates – DipGrad

The Diploma for Graduates is a qualification available to students who have completed a degree with a satisfactory standard of achievement, or other students with appropriate qualifications and experience.

The programme consists of papers worth at least 120 points (in practice, usually 7 papers – a total of 126 points), including at least 72 points at or above 300-level.

The papers can be in any subject or combination of subjects that is appropriate for the needs of individual students, whether for employment purposes, preparation for postgraduate study, gaining the equivalent of an additional major subject, meeting the requirements of an external professional body, or general interest.

The diploma may be endorsed in a named subject if it includes appropriate concentrations or combinations of papers. The subjects of endorsement may be any subject specified as a major subject or endorsement for BA, BTheol, BSc, BAppSc, BCom, or BHealSc or in any of several subjects available only for DipGrad: Advertising, Buddhist Studies, Information and Communications Technology, Sports Business.

It may also be awarded without endorsement. This option allows for great flexibility in the combination of papers.

For further details consult the DipGrad webpage (see above) or the University Calendar, or email dipgrad@otago.ac.nz.

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?

Talk to a course adviser.

otago.ac.nz/courseadvice
Minor subjects for BA, MusB, BPA, BTheol, BSc, BAppSc, BCom, BHealSc, BASc

A minor subject is a lesser specialisation in a subsidiary subject, complementing the major subject in a degree programme and generally involving a separate set of papers worth a total of 90 points. It is possible to have minor subjects specified for the degrees of Bachelor of Arts, Bachelor of Music, Bachelor of Performing Arts, Bachelor of Science, Bachelor of Applied Science, Bachelor of Commerce, Bachelor of Health Sciences, and Bachelor of Arts and Science, if you pass the papers for one or more of the subjects listed in these charts. Most of the subjects can be specified as a minor subject for any of the degrees (e.g. a minor subject in a BCom programme may be a Commerce subject but may equally well be an Arts or Science subject).

Sometimes the requirements for a minor subject can overlap with the requirements for another minor subject or for a major subject in the same degree programme. No 300-level paper can count for more than one minor or major subject in a programme, but 100- and 200-level papers can, if they are compulsory for the subjects concerned.

Some variations may be possible in approved cases. For further details consult the University Calendar or the Head of Department teaching the subject you are interested in.

In most programmes a specified minor subject is not compulsory and other combinations of papers may be more appropriate for your particular circumstances.

Papers at 100- to 300-level are normally worth 18 points. All Minor subjects require 90 points unless otherwise indicated.

### Accounting

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>ACCT 102, BSNS 115</td>
</tr>
<tr>
<td>200-level</td>
<td>See below</td>
</tr>
<tr>
<td>300-level</td>
<td>Three ACCT or ACFI papers above 100-level, including at least one 300-level ACCT paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

### Anatomy

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-level</td>
<td>ANAT 241, 242, 243</td>
</tr>
<tr>
<td></td>
<td>Prerequisites for ANAT 241, 242, 243 include CELS 191, CHEM 191, HUBS 191, 192; BIOC 201 is the prerequisite for BIOC 301</td>
</tr>
<tr>
<td>300-level</td>
<td>Two of ANAT 331, 332, 333, 334, 335, BIAO 301</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

### Anthropology

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level ANTH papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level ANTH papers</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level ANTH paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

### Applied Geology

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Eaos 111, GEOL 112</td>
</tr>
<tr>
<td>200-level</td>
<td>GEOL 251, 252</td>
</tr>
<tr>
<td>300-level</td>
<td>GEOL 302 or 344 or 353</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

### Aquaculture and Fisheries

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MARI 112; STAT 110 or 115</td>
</tr>
<tr>
<td>200-level</td>
<td>MARI 202, AQFI 251</td>
</tr>
<tr>
<td>300-level</td>
<td>AQFI 301, 352</td>
</tr>
<tr>
<td>Total</td>
<td>108 points</td>
</tr>
</tbody>
</table>

### Art History and Visual Culture

Two 100-level ARTV papers, and at least three further ARTV papers above 100-level, one of which must be above 200-level.

| Total | 90 points |

### Asian Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>ASIA 101</td>
</tr>
<tr>
<td>200-level</td>
<td>ASIA 201 or 202; also see below</td>
</tr>
<tr>
<td>300-level</td>
<td>ASIA 301 or 302; one of ARTV 206, CHIN 241, 242, 243, 244, 246, 344, 345, JAPA 242, 243, 244, 331, 342, 343, 344, MUSI 268, 269, 368; one of ANTH 203, HIST 204, 211, 231, 303, 304, 314, MANT 241, 348, POLS 318, RELS 209, 212, 216, 226, 227, 309, 310, 312, 316, 326, 327, 328</td>
</tr>
<tr>
<td></td>
<td>Must include at least two papers above 200-level.</td>
</tr>
</tbody>
</table>

### Biblical Studies (not available for BTheol)

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level BIBS or HEBR papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level BIBS papers</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level BIBS paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

### Biochemistry

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BIOC 192</td>
</tr>
<tr>
<td></td>
<td>Prerequisite for BIOC 192 is CHEM 191</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of BIOC 221, 222, 223</td>
</tr>
<tr>
<td></td>
<td>Prerequisites for BIOC 221, 222, 223 include CELS 191</td>
</tr>
<tr>
<td>300-level</td>
<td>Two 300-level BIOC papers</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

### Botany

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BIOL 123</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of BTNY 201, 202, 203</td>
</tr>
<tr>
<td>300-level</td>
<td>Two of BTNY 301, 302, 303</td>
</tr>
<tr>
<td></td>
<td>One of BTNY 301, 302, 303 or</td>
</tr>
<tr>
<td></td>
<td>One of PLBI 301, 302</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>
### Minor subjects continued

**Buddhist Studies**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>RELS 102; also see below</td>
</tr>
<tr>
<td>200-level</td>
<td>See below</td>
</tr>
<tr>
<td>300-level</td>
<td>Four of ANTH 105, ASIA 101, CHIN 131, 132, JAPA 131, 132, SANS 111, 112, RELS 202, 209, 216, 226, 227, 309, 316, 326, 327, 328</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

*Must include one 300-level paper and at least two other papers above 100-level*

**Chemistry**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level CHEM papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level CHEM papers</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level CHEM paper (excluding CHEM 390)</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

**Chinese**

Five CHIN papers, at least three of which must be above 100-level, including at least one at 300-level.

**Total**

**90 points**

**Christian Thought and History** *(not available for BTheol)*

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level CHTH papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level CHTH papers</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level CHTH paper</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

**Classical Music** *(not available for MusB or BPA)*

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MUSI 101 or 105; one other paper from the list below*</td>
</tr>
<tr>
<td>200-level</td>
<td>Two papers from the list below*</td>
</tr>
<tr>
<td>300-level</td>
<td>One paper from the list below*</td>
</tr>
</tbody>
</table>

**Total**

**90 points**


*No more than one non-MUSI paper may be included*

**Classics**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two CLAS, GREK or LATN papers at 100-level (or above)</td>
</tr>
<tr>
<td>200-level</td>
<td>Two CLAS, GREK or LATN papers at 200-level (or above)</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level CLAS, GREK or LATN papers</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

*No paper forming part of a minor in Greek or Latin may also count for a minor or major in Classics*

**Clothing and Textile Sciences**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>36 points; papers in biological, physical and/or social sciences recommended</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of CLTE 203, 204, 206, 207</td>
</tr>
<tr>
<td>300-level</td>
<td>One of CLTE 303, 304, 305</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

*No new enrolments will be accepted for this minor subject.*

**Clothing, Textiles and the Human Environment**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two papers in physical and/or biological sciences</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of CLTE 203, 207, SPEX 203</td>
</tr>
<tr>
<td>300-level</td>
<td>CLTE 305</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

*No new enrolments will be accepted for this minor subject.*

**Communication Studies**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MFCO 102, 103</td>
</tr>
<tr>
<td>Above</td>
<td>MFCO 202;</td>
</tr>
<tr>
<td>100-level</td>
<td>Two further MFCO papers of which one must be above 200-level</td>
</tr>
</tbody>
</table>

GED 205 or 305 may be substituted for one MFCO paper at the same level.

**Total**

**90 points**

**Community Health Care**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>EDUC 105</td>
</tr>
<tr>
<td>200-level</td>
<td>CMHC 201, 211</td>
</tr>
<tr>
<td>300-level</td>
<td>CMHC 301, 311</td>
</tr>
</tbody>
</table>

*Prerequisites for CMHC 201 also include HUBS 191, 192*

**Total**

**90 points**

**Computational Modelling**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>COMO 101; COMP 150 or 160; MATH 170</td>
</tr>
<tr>
<td>200-level</td>
<td>COMO 204, MATH 202</td>
</tr>
<tr>
<td>300-level</td>
<td>COMO 303</td>
</tr>
</tbody>
</table>

**Total**

**108 points**

**Computer Science**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>COMP 160; one of COMP 101, 111, 112, 150</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of COSC 212, 241, 242, 243, 244,</td>
</tr>
<tr>
<td>300-level</td>
<td>One of COSC 301, 326, 341, 342, 343, 344, 345, 349, 360</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

**Consumer Food Science**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>FOSC 111</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of FOSC 201, 202, 213;</td>
</tr>
<tr>
<td>300-level</td>
<td>One of FOSC 306, 308;</td>
</tr>
<tr>
<td>Plus</td>
<td>one further paper from FOSC 112, STAT 110, 115, FOSC 202, 213, 306, 308</td>
</tr>
</tbody>
</table>

**Total**

**90 points**

**Criminology**

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>SOCI 103</td>
</tr>
<tr>
<td>Above</td>
<td>CRIM 201;</td>
</tr>
<tr>
<td>100-level</td>
<td>54 points, including at least 18 above 200-level, from ANTH 327, 424, ENGL 243, FORB 201, GEND 208 or 308, GEND 209 or 309, GEND 210 or 310, GEND 311, HIST 215, 234, LAWS 410, 417, MFCO 212, POLS 202, 214, PSYC 204, 325, SOCI 203</td>
</tr>
</tbody>
</table>

**Total**

**90 points**
Minor subjects continued

**Dance** (not available for BPA) (subject to approval)

Five papers from DANC 101, 201, 204, 301, 304, THEA 153, PERF 205, 301, at least three of which must be above 100-level, including at least one at 300-level.

Total 90 points

**Ecology**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>ECOL 111</td>
</tr>
<tr>
<td>200-level</td>
<td>ECOL 211, 212</td>
</tr>
<tr>
<td>300-level</td>
<td>Two of BTNY 301, 303, ECOL 313, GEOG 390, 397, GEOL 372, MARI 301, 302, ZOOL 315, 318, 319</td>
</tr>
</tbody>
</table>

Total 90 points

**Economics**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BSNS 113, ECON 112</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level ECON papers, including at least one of ECON 201, 202, 271</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level ECON paper</td>
</tr>
</tbody>
</table>

Total 90 points

**Education**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>EDUC 101, 102</td>
</tr>
<tr>
<td>Above</td>
<td>Three EDUC papers, including at least one above 200-level</td>
</tr>
<tr>
<td>200-level</td>
<td></td>
</tr>
</tbody>
</table>

Total 90 points

**Electronics**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MATH 160 or 170; one of PHSI 131, 132, 191</td>
</tr>
<tr>
<td>200-level</td>
<td>ELEC 253, PHSI 282</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level ELEC paper</td>
</tr>
</tbody>
</table>

Total 90 points

**Energy Management**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>One 100-level PHSI paper (PHSI 132 recommended); MATH 160, 170</td>
</tr>
<tr>
<td>200-level</td>
<td>EMAN 201, 204</td>
</tr>
<tr>
<td>300-level</td>
<td>EMAN 301 or 308</td>
</tr>
</tbody>
</table>

Total 108 points

**English**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two of ENGL 121, 127, 128, 131</td>
</tr>
<tr>
<td>200-level</td>
<td>Two papers from 200-level ENGL</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level ENGL paper</td>
</tr>
</tbody>
</table>

Total 90 points

Euro 202 or 302 may be substituted for one 100- or 200-level ENGL paper

**Entrepreneurship**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BSNS 115, MART 112</td>
</tr>
<tr>
<td>200-level</td>
<td>MART 212 or any other 200-level paper from Commerce Schedule C</td>
</tr>
<tr>
<td>300-level</td>
<td>MANT 302; MANT 301 or MART 306</td>
</tr>
</tbody>
</table>

Total 90 points

Prerequisites for 200- and 300-level papers may be varied with approval from the Head of the Department of Management

**Environment and Society**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>ENVI 111; 18 other approved points (100-level or above)</td>
</tr>
<tr>
<td>200-level</td>
<td>ENVI 211; 18 other approved points (200-level or above)</td>
</tr>
<tr>
<td>300-level</td>
<td>ENVI 311</td>
</tr>
</tbody>
</table>

Total 90 points

ENVI 312 is available as one of the elective papers.

**Environmental Management**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>GEOG 101, ENVI 111</td>
</tr>
<tr>
<td>200-level</td>
<td>GEOG 216</td>
</tr>
<tr>
<td>300-level</td>
<td>GEOG 397; one of GEOG 281, 282, 283, 284, 286, 287, 288, 289, 298, 299, 387, 388, 389, 390, 392, 393, 394, 395, 398, 399</td>
</tr>
</tbody>
</table>

Total 90 points

**Environmental Toxicology**

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-level</td>
<td>PHAL 211, 212; one 200-level CHEM paper</td>
</tr>
</tbody>
</table>

Prerequisites for PHAL 211, 212 are BIOC 192, CHEM 191 and two of CELS 191, HUBS 191, 192

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>300-level</td>
<td>two of PHAL 306, CHEM 304, 306</td>
</tr>
</tbody>
</table>

Total 90 points

**Ethnomusicology** (not available for MusB or BPA)

<table>
<thead>
<tr>
<th>Level</th>
<th>Subject(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two of MUSI 103, 104, 105, 140, 141, MAOR 108</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of MUSI 203, 225, 240, 241, 266, 267, 268, 269, MAOR 208</td>
</tr>
<tr>
<td>300-level</td>
<td>One of MUSI 303, 325, 340, 341, 366, 367, 368, 369, MAOR 308</td>
</tr>
</tbody>
</table>

Total 90 points

ANTH 105, 205 or 320 may be substituted for one paper

MUSI 140, 141, 240, 241, 340, and 341 should be taken in an approved instrument

**European Studies**

Two of EURO 101, 202 or 302, 304; one of ARTV 202, 203, 204, 302, 303, 304, 308, 309, CLAS 232, 238, 337, 343, ENGL 214, 215, 218, 311, 312, 313, 314, 315, 319, 335, FREN 250, 341, 350, GERM 341, MFCO 314, 316, MUSI 223, 261, 323, 361, SPAN 243, 342, 343; one further paper from EURO 101, 202 or 302, 304, HIST 217, 223, 225, 301, 307, 325, PHIL 226, 227, 228, POLS 216, 301, 310, 312, 315, 325; one further paper from the lists above

Total 90 points

Must include at least one 300-level paper
### Minor subjects continued

#### Exercise and Sport Science

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>SPEX 102</td>
</tr>
<tr>
<td>200-level</td>
<td>Three of SPEX 201, 202, 203, 204</td>
</tr>
<tr>
<td>300-level</td>
<td>One of SPEX 301, 302, 303, 304, 305</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

Students should check the prerequisites for 200- and 300-level papers when selecting papers.

#### Film and Media Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MFCO 101, 102</td>
</tr>
<tr>
<td>Above</td>
<td>MFCO 210;</td>
</tr>
<tr>
<td>100-level</td>
<td>Two further MFCO papers, of which one must be above 200-level</td>
</tr>
<tr>
<td>GEND 205 or 305 or CHIN 242 or 342 may be substituted for one MFCO paper at the same level.</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Finance

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BSNS 114, FINC 102</td>
</tr>
<tr>
<td>Above</td>
<td>Three FINC or ACFI papers above 100-level, including at least one 300-level FINC paper</td>
</tr>
<tr>
<td>100-level</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Food Science

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>FOSC 111</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of FOSC 201, 202, 213 (FOSC 201 is a prerequisite for FOSC 301 and 302)</td>
</tr>
<tr>
<td>300-level</td>
<td>One of FOSC 301, 302, 306, MICR 331;</td>
</tr>
<tr>
<td>Plus</td>
<td>One further paper from CELS 191, CHEM 191 or 111, STAT 110 or 115, FOSC 201, 202, 213, 301, 302, 306, MICR 221, 331</td>
</tr>
<tr>
<td>Students majoring in Consumer Food Science must include two of FOSC 301, 302, MICR 331</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Food Service Management

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-and</td>
<td>FOSC 111 or HUNT 141</td>
</tr>
<tr>
<td>200-level</td>
<td>HUNT 244; one further paper from: other 200-level HUNT papers, FOSC 201, FOSC 202, or MANT 101</td>
</tr>
<tr>
<td>300-level</td>
<td>HUNT 331</td>
</tr>
<tr>
<td>Prerequisites for HUNT 221, 222, 223 include BIOC 192, CELS 191, CHEM 191, HUBS 191, 192. Prerequisites for HUNT 232 include one of CELS 191, HUBS 191, 192.</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### French

Five FREN papers, at least three of which must be above 100-level, including at least one at 300-level.

| Total     | 90 points      |

#### Gender Studies

Five GEND papers, at least three of which must be above 100-level, including at least one above 200-level.

One 100- or 200-level GEND paper may be replaced by one of the following: ANTH 205, CLTE 204, GEOG 210, HIST 215, 226, 234, MFCO 212, RELS 209, SOCI 205, ANTH 316, 322, 327, ARTV 305, 306, EDUC 318, MFCO 301, RELS 309, SOCI 302, 305

| Total     | 90 points      |

#### Genetics

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>CELS 191</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of GENE 221, 222, 223</td>
</tr>
<tr>
<td>Prerequisites for GENE 221 include CHEM 191</td>
<td></td>
</tr>
<tr>
<td>300-level</td>
<td>Two of GENE 312, 313, 314, 315</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Geographic Information Systems

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>SURV 102</td>
</tr>
<tr>
<td>200-level</td>
<td>SURV 208</td>
</tr>
<tr>
<td>Above</td>
<td>SURV 309, 319, 411</td>
</tr>
<tr>
<td>300-level</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Geography (Arts Option)

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>GEOG 101, 102</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level GEOG papers (excluding GEOG 290)</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level GEOG paper (excluding GEOG 380)</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Geography (Science Option)

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>GEOG 101, 102</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of GEOG 216, 281, 282, 283, 284, 286, 287, 288, 289, 290, 298, 299</td>
</tr>
<tr>
<td>300-level</td>
<td>One of GEOG 387, 388, 389, 390, 392, 393, 394, 395, 397, 398, 399</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Geology

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>EAOS 111, GEOL 112</td>
</tr>
<tr>
<td>200-level</td>
<td>GEOL 251, 252</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level GEOL paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### German

Five GERM papers, at least three of which must be above 100-level, including at least one at 300-level.

| Total     | 90 points      |

#### Greek

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Code(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>GREK 111, 112</td>
</tr>
<tr>
<td>200-level</td>
<td>GREK 211, 212</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level GREK paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

No paper forming part of a minor in Greek may also count for a minor or major in Classics.
### Minor subjects continued

#### History

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level HIST papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level HIST papers</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level HIST paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Hospitality

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>TOUR 103</td>
</tr>
<tr>
<td>Above</td>
<td>TOUR 218; TOU 303 or TOUR 304; two further papers from TOUR 214, 216, 217, 303, 304</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Human Nutrition

Revised requirements for this minor subject were not finalised before going to press. See [www.otago.ac.nz/courses/subjects/hunt.html](http://www.otago.ac.nz/courses/subjects/hunt.html) for the latest information.

#### Human Resource Management

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MANT 101</td>
</tr>
<tr>
<td>200-level</td>
<td>MANT 250</td>
</tr>
<tr>
<td>300-level</td>
<td>MANT 345, 346</td>
</tr>
<tr>
<td>Plus</td>
<td>one of MANT 217, 222, 251, 252, 330, 339, 343, 347</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Human Services Law

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>LAWS 101</td>
</tr>
<tr>
<td>200-level</td>
<td>See below</td>
</tr>
<tr>
<td>300-level</td>
<td>60 points from LAWS 311, 417, 448, 458, 459</td>
</tr>
<tr>
<td>Total</td>
<td>96 points</td>
</tr>
</tbody>
</table>

#### Indigenous Development/He Kura Matanui

Five papers:
- MAOR 202
- four of ANTH 204, 205, 206, 208, GEOG 278, HIST 223, 226, INDV 301, 302, 307, MAOR 102, 110, 203, 204, 207, 208, 210, 211, 212, 213, MFCO 212, PACI 101, 201, 210, POLS 202, 207, PUBH 203, SPAN 243 including at least one of INDV 301, 302, 307
| Total   | 90 points                                                              |

#### Information Science

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>COMP 101; one further 100-level COMP paper</td>
</tr>
<tr>
<td>200-level</td>
<td>Any two 200-level papers from INFO, COMP, or COSC 212</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level INFO paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Irish Studies

Five of ENGL 240, 241, 250, 340, 341, 350, HIST 218, 232, 307, 328, MFCO 320

No more than two papers may be taken in a single discipline

Must include at least one 300-level paper

| Total   | 90 points                                                              |

#### Japanese

Five JAPA papers, at least three of which must be above 100-level, including at least one at 300-level.

| Total   | 90 points                                                              |

#### Land Planning and Development

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>SURV 101, MATH 160</td>
</tr>
<tr>
<td>200-level</td>
<td>Any two of SURV 203-206</td>
</tr>
<tr>
<td>Above</td>
<td>If SURV 203 and SURV 204 are selected, SURV 297 must be taken concurrently.</td>
</tr>
<tr>
<td>300-level</td>
<td>Any one of SURV 303, 304, 306, 455</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Latin

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>LATN 111, 112</td>
</tr>
<tr>
<td>200-level</td>
<td>LATN 211, 212</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level LATN paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Linguistics

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>LING 111; one 100-level paper in Linguistics, Chinese, English, French, German, Greek, Hebrew, Japanese, Latin, Maori Language (MAOR 110, 111, 112) Sanskrit, or Spanish</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level LING papers (excluding LING 231)</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level LING paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Management

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MANT 101</td>
</tr>
<tr>
<td>Above</td>
<td>MANT 250 or 251; three MANT papers at 200-level or above, including one at 300-level</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Māori Health

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MAOR 102</td>
</tr>
<tr>
<td>200-level</td>
<td>MAOH 201, PUBH 204</td>
</tr>
<tr>
<td>above</td>
<td>Prerequisites for MAOH 201 also include HUBS 191, 192 and PUBH 192</td>
</tr>
<tr>
<td>300-level</td>
<td>MAOH 301, PUBH 304</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Māori Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level MAOR papers</td>
</tr>
<tr>
<td>200-level</td>
<td>One 200-level MAOR paper, and one further MAOR, INDV, or PACI paper at 200-level or above</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level MAOR paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>
### Minor subjects continued

#### Marine Science

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MARI 112</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of AQFI 251, BTNY 203, MARI 202, OCEN 201, ZOOL 221</td>
</tr>
<tr>
<td>300-level</td>
<td>Two of AQFI 301, 352, MARI 301, 302, OCEN 322</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

Students should check the prerequisites for 300-level papers when selecting 200-level papers.

#### Nutrition Communication

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>CELS 191 or FOSC 111; HUBS 191, 192</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of HUNT 221, 222, 223, 232</td>
</tr>
</tbody>
</table>

Prerequisites for HUNT 221, 222, 223 are BIOT 192, CELS 191, CHEM 191, and HUBS 191, 192.

| Total          | 108 points                                                               |

#### Marketing Management

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MART 112</td>
</tr>
<tr>
<td>Above</td>
<td>Four MART papers at 200-level or above, including at least two of MART 201, 210-212 and at least one at 300-level</td>
</tr>
<tr>
<td>200-level</td>
<td>MATH 202, 203</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level MATH paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Mathematics

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MATH 160, 170; Students with advanced placement into MATH 170 can replace MATH 160 with 18 MATH or COMO points (excluding MATH 151)</td>
</tr>
<tr>
<td>200-level</td>
<td>MATH 202, 203</td>
</tr>
<tr>
<td>300-level</td>
<td>Two 300-level MATH papers</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Microbiology

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>See below</td>
</tr>
<tr>
<td>200-level</td>
<td>MICR 221, 222, 223; Prerequisites for MICR 221 include CELS 191, CHEM 191 or 111; for MICR 222 include CELS 191 and CHEM 191; and for for MICR 223 include HUBS 191</td>
</tr>
<tr>
<td>300-level</td>
<td>Two 300-level MICR papers</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Music (not available for MusB or BPA)

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MUSI 101; one further 100-level MUSI paper or MAOR 108</td>
</tr>
<tr>
<td>200-level</td>
<td>36 MUSI points at 200-level or above</td>
</tr>
<tr>
<td>300-level</td>
<td>18 300-level MUSI points</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

PERF 205 or 305 may be substituted for one MUSI paper.

#### Music Technology (not available for MusB or BPA)

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MUSI 132; also see below</td>
</tr>
<tr>
<td>200-level</td>
<td>MUSI 232; also see below</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

Must include three papers at 200-level or above.

#### Neuroscience

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-level</td>
<td>Three of ANAT 242, PHAL 211, PHSL 231, PSYC 211</td>
</tr>
<tr>
<td>300-level</td>
<td>Two of ANAT 335 or 336, NEUR 302, 303, PHAL 303, PHSL 341 or 342, PSYC 313 or 317 or 319 (taken in 2017) or 323, ZOOL 314</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Oceanography

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MARI 112; one of COMO 101, MATH 160, 170</td>
</tr>
<tr>
<td>200-level</td>
<td>OCEN 201</td>
</tr>
<tr>
<td>300-level</td>
<td>OCEN 301; one of OCEN 321, 322, 323, CHEM 304</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Pacific and Global Health

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>PUBH 192</td>
</tr>
<tr>
<td>200-level</td>
<td>PACH 201, PUBH 203, 211</td>
</tr>
<tr>
<td>300-level</td>
<td>PACH 301</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Pacific Islands Studies

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>PACI 101; one of ANTH 103, 105, HIST 107, MAOR 102, MFCO 102, PACI 102, 103</td>
</tr>
<tr>
<td>200-level</td>
<td>PACI 201 or 210; one of ANTH 204, 205, GEOG 278, HIST 208, MAOR 207, MFCO 212, MUSI 268 or approved Special Topic papers relevant to the Pacific Islands in ANTH, ARTV, CHTH, GEOG, HIST, MAOR, PACI</td>
</tr>
<tr>
<td>300-level</td>
<td>One of ANTH 316, GEOG 378, HIST 337, INDV 307, MAOR 307, MUSI 368, PACI 301, 310, POLS 320, SOWK 304 or an approved Special Topic paper relevant to the Pacific Islands in ANTH, ARTV, CHTH, GEOG, HIST, MAOR, PACI</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Pastoral Studies (not available for BTheol)

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level BIBS or CHTH papers</td>
</tr>
<tr>
<td>200-level</td>
<td>Two 200-level PAST papers</td>
</tr>
<tr>
<td>300-level</td>
<td>One 300-level PAST paper</td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
</tr>
</tbody>
</table>

#### Pathology

<table>
<thead>
<tr>
<th>Level</th>
<th>Subjects</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-level</td>
<td>ANAT 241, BIOC 221, PATH 201</td>
</tr>
<tr>
<td>300-level</td>
<td>PATH 301, 302</td>
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Prerequisites for constituent papers are: PATH 201 - BIOC 192, CELS 191, HUBS 192 (for which HUBS 191 is a prerequisite); PATH 301 - PATH 201 (with ANAT 241, BIOC 221 as recommended preparation); PATH 302 - PATH 201 (with ANAT 241, BIOC 221, GENE 313 as recommended preparation).
Minor subjects continued

**Pharmacology**

- **200-level**
  - PHAL 211, 212; 18 200-level ANAT, BIOC, GENE, MICR or PHSL points
  - Prerequisites for PHAL 211, 212 are BIOC 192, CHEM 191, and two of CELS 191, HUBS 191, 192

- **300-level**
  - Two of PHAL 303, 304, 305, 306

  **Total** 90 points

**Philosophy**

- **100-level**
  - Two 100-level PHIL papers

- **200-level**
  - Two 200-level PHIL papers

- **300-level**
  - One 300-level PHIL paper

  **Total** 90 points

**Physical Activity and Health**

- **100-level**
  - SPEX 102

- **200-level**
  - Two of SPEX 203, 205, 206

- **300-level**
  - Two of SPEX 306, 308, 309, 310

  **Total** 90 points

  Students should check the prerequisites for 200- and 300-level papers when selecting papers.

**Physics**

- Five PHSI papers, at least three of which must be above 100-level, including at least one at 300-level or above

  - MATH 160 and 170 are prerequisites or corequisites for some PHSI papers

  **Total** 90 points

**Physiology**

- **200-level**
  - PHSL 231, 232, 233
  - Prerequisites for PHSL 231, 232, 233 include HUBS 191, 192, and two of BIOC 192, CELS 191, CHEM 191, PHIL 191

- **300-level**
  - Two of PHSL 341, 342, 343, 344, 345

  **Total** 90 points

**Plant Biotechnology**

- **100-level**
  - BIOL 123

- **200-level**
  - BTNY 201; two BIOC, BTNY or GENE 200-level papers
  - Prerequisites for 200-level BIOC and GENE papers include CELS 191 and may include CHEM 191 or BIOC 192.
  - ECOL 111 is a prerequisite for some 200-level BTNY papers

- **300-level**
  - PLBI 301 or PLBI 302

  **Total** 90 points

**Politics**

- Five POLS papers, at least three of which must be above 100-level, including one at 300-level

  **Total** 90 points

**Popular Music** (not available for MusB or BPA)

- **100-level**
  - MUSI 103 and one other paper from the list below*

- **200-level**
  - Two papers from the list below*

- **300-level**
  - One paper from the list below*

  **Total** 90 points

  * ANTH 105, MUSI 104, 105, ANTH 205, ASIA 201, MFCO 212, MUSI 203, 225, 268, 269, PERF 205, MUSI 303, 325, 368, 369, 385, PERF 305

  No more than one non-MUSI paper may be included

**Psychology**

- **100-level**
  - PSYC 111, 112

- **200-level**
  - PSYC 210, 211, 212

- **300-level**
  - One of PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327, 328

  **Total** 108 points

**Public Health**

- **100-level**
  - PUBH 192

- **200-level**
  - PUBH 211

- **300-level**
  - PUBH 303

  **Plus**
  - Two further 200- or 300-level PUBH papers

  **Total** 90 points

**Religious Studies**

- **100-level**
  - RELS 101, 102

- **200-level**
  - Two 200-level RELS papers

- **300-level**
  - One 300-level RELS paper
  - BIBS 317 may be substituted for one paper

  **Total** 90 points

**Responsible Leadership**

- **100-level**
  - MANT 101

- **200-level**
  - MANT 250, 252

- **300-level**
  - MANT 330

  **Plus**
  - one of MANT 222, 331, 337, 343, MART 305

  **Total** 90 points

**Science Communication**

- **100-level**
  - MFCO 103

  **Above**

  **Total** 90 points

**Sociology**

- Five SOCI papers of which at least three must be at 200-level or above, including at least one at 300-level

  Any GEND paper, SPEX 312 or 315, or STAT 110 may be substituted for one SOCI paper at the same level.

  **Total** 90 points
Minor subjects continued

Software Engineering

100-level  COMP 101, 160
200-level  INFO 201; one of INFO 202, COSC 241
300-level  INFO 310
Total      90 points

Spanish

Five SPAN papers, at least three of which must be above 100-level, including at least one at 300-level.
Total      90 points

Sport Development and Management

100-level  SPEX 101
200-level  Two of SPEX 204, 208, 209
300-level  Two of SPEX 304, 312, 313, 314, 315
Total      90 points
Students should check the prerequisites for 200- and 300-level papers when selecting papers.

Sports Technology

100-level  SPEX 102
200-level  Two of SPEX 201, 202, 203, 204
300-level  SPEX 311 and one of SPEX 301, 302, 303, 304, 305, 306, 307, 308, 309, 310
Total      90 points

Statistics

100-level  STAT 110 or 115 (or BSNS 102 or 112 if passed before enrolling for Statistics as a minor subject)
200-level  STAT 210 or 241; one other 200-level STAT paper
300-level  Any two 300-level STAT papers
Total      90 points

Supplementary Nutritional Science

For BAppSc students majoring in Sport and Exercise Nutrition only

100-level  STAT 110 or 115
200-level  BIOC 223 or 230; HUNT 222 or 223
300-level  HUNT 314; one of HUNT 311, 312, 313
Total      90 points

Telecommunications

100-level  One of PHSI 131, 132, 191
200-level  COSC 243, 244
            Prerequisite for COSC 243 and 244 is COMP 160
300-level  COSC 301 and INFO 305
Total      90 points

TESOL (Teaching English to Speakers of Other Languages)

100-level  LING 111 and one further 100-level LING paper
200-level  LING 231; one further 200-level LING paper or EDUC 252
300-level  One of LING 319, 331, 332
Total      90 points
This minor subject is not available to students majoring in Linguistics

Theatre Studies (not available for BPA)

Five THEA papers including THEA 122, and at least three papers above 100-level, including at least one at 300-level
Total      90 points
MUSI 265 or 365 or PERF 205 or 305 may be substituted for one THEA paper

Theology (not available for BTheol)

100-level  Two 100-level BIBS, CHTH or HEBR papers
200-level  Two 200-level BIBS or CHTH papers
300-level  One 300-level BIBS or CHTH paper
Total      90 points
May include either RELS 211 or 311

Tourism

100-level  TOUR 101
200-level  TOUR 219; one of TOUR 216, 217, 218; also see below
300-level  One of TOUR 301, 305, 306, 309
Plus        One further paper from TOUR 216, 217, 218, 301, 305, 306, 309
Total      90 points

Writing

100-level  ENGL 127 and either ENGL 120 or ENGL 128
Above       At least three of ENGL 217, 220, 227, 228, MFCO 220, THEA 241, ENGL 320, 327, 337, 342, 368, THEA 341, including at least one paper at 300-level
            ENGL 217, THEA 241, 341 are limited-entry papers
100-level   ENGL 217, THEA 241, 341 are limited-entry papers
Total      90 points

Zoology

100-level  BIOL 112, CELS 191
200-level  Two of ZOOL 221, 222, 223
300-level  At least one of ZOOL 313, 314, 315, 316, 318, 319, GENE 312; one further paper from ZOOL 313, 314, 315, 316, 318, 319, GENE 312, 314, MARI 301, 302
Total      108 points

Notes:
- For BAppSc students majoring in Sport and Exercise Nutrition only
  - 100-level
  - 200-level
  - 300-level
- Students should check the prerequisites for 200- and 300-level papers when selecting papers.
### Schedules of papers

The following are the 'Schedule C' lists of papers for BA, BTheol, BSc, BCom and BASc degrees. The papers included are those at undergraduate level with the codes given for the subjects concerned together with a number of individually specified papers. For details of a paper's prerequisites, corequisites and restrictions consult the Prescriptions section of this Guide. For degree and major and minor subject requirements see pages 53-105. The regulations for the degrees of BA, BTheol, BSc and BCom require that most papers taken for the degrees are chosen from the relevant 'Schedule C' printed in the University Calendar, but some other papers may be included (normally to a maximum of 90 points). For instance, a BSc programme of 360 points must normally include at least 270 points from Science Schedule C. The remaining 90 points may also be chosen from Science Schedule C but some or all of the further papers may alternatively be chosen from the Arts and Music, Theology, and Commerce Schedules.

A number of papers appear in more than one Schedule (e.g. Geography is both an Arts and a Science subject).

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Prescriptions

This section provides an alphabetical listing of all papers. It is vital that you consult this section when choosing your papers.

You will find a separate listing for Distance Learning papers on pages 210-213.

Information on the following pages was correct at the time of printing, however as some details may have changed, please check the website for the most recent information.

otago.ac.nz/courses/papers
How to use this section to select your papers

How to read a Prescription entry

The example below illustrates the components of a typical paper entry.

ANAT 242 Neurobiology

S2: 0.15 EFTS, OL, OC, DP, 18 points

The structural and functional organisation of the nervous system and integrative neuroscience.

P: CELS 191, HUBS 191, CHEM 191, 18 further points

R: ANAT 232

SC: Science

Note: For BSc students taking Neuroscience as their major subject, PHES 191 may be substituted for CHEM 191 as a prerequisite.

This example is for the purposes of illustration only and is not representative of all papers. Following are definitions of the information presented in the Prescriptions with their abbreviations.

- **Paper code:** Each paper is identified by a seven character code. The first four characters are letters which denote the subject area (e.g. ACCT for Accounting, PHSE for Physical Education) followed by three numbers (beginning with 1 for 100-level papers, 2 for 200-level papers, and so on).

- **Teaching period:** University papers are offered in a number of teaching periods throughout the year: some are offered in Summer School (SS), (January-February); most papers are offered in either the first semester (S1) (February-June) or the second semester (S2) (July-November); some are taught twice in the year, in each semester (ES); some are taught over both semesters on a full-year basis (FY); and some papers are taught in 'non-standard' periods of various lengths (e.g. N1, N2) that do not match both semesters on a full-year basis (FY); and some papers are offered only in the first semester (January-February); most papers are offered in either the first semester (S1) (February-June) or the second semester (S2) (July-November); some are taught twice in the year, in each semester (ES); some are taught over both semesters on a full-year basis (FY); and some papers are taught in 'non-standard' periods of various lengths (e.g. N1, N2) that do not match both usual teaching periods and can be shorter or longer than a semester.

- **EFTS (Equivalent full-time student):** EFTS is a unit of measurement of a student’s enrolment and is the basis of the funding system for the University. A typical full-time year's study equals 1.0 EFTS unit and the number required at the higher levels.

- **Teaching Method:** is denoted by abbreviations:
  - OC: the paper is available on campus.
  - DL: the paper is available through Distance Learning.

- **Departmental Permission (DP):** Papers designated 'DP' can be selected during paper selection but a place is not immediately guaranteed until the department concerned gives approval.

- **Supported by online learning management system (OL):** Teaching of the paper is supported by the use of an online learning management system (e.g. Blackboard). Note: this does not necessarily mean that the paper is taught exclusively online. Many papers will use this in conjunction with on-campus lectures, laboratories and tutorials.

- **Prescription:** Description of the academic content of an individual paper.

- **Prerequisite (P):** Most papers beyond 100-level have particular prerequisites (requirements to be met before a paper or course may be taken). If you have not completed a prerequisite for a certain paper you will not normally be permitted to enrol in that paper.

- **Corequisite (C):** Some papers have a corequisite (a paper which must be taken concurrently).

- **Restriction (R):** Papers which have a large amount of content in common are often restricted against each other, so they cannot be credited to the same academic record.

- **Limited to (LT):** Papers limited to certain qualifications may normally be taken only for those qualifications (some exceptions may be possible).

- **Recommended preparation (RP):** Papers that should normally be taken before the paper concerned.

- **Recommended concurrent study (RC):** Papers it is recommended you take at the same time.

- **Schedule C (SC):** Indicated inclusion in lists of subjects for BA, BTheol, BSc, BCom, BASc (see page 106).

- **Location (L):** Indicates the campus at or from which a paper is taught. If no location is specified the paper is taught at or from Dunedin. Other locations are specified e.g. Christchurch, Wellington, Invercargill, and where a paper is taught at more than one location.

- **Note(s):** These provide additional important information specific to the paper.

The following key is available at the bottom of every left-hand page to help you identify each term or abbreviation in the listings.

- **S1:** first semester; **S2:** second semester; **ES:** each semester; **FY:** full year; **SS:** Summer School; **N1-5:** non-standard periods; **ND:** not offered in 2019; **NO (20XX):** not offered, expected to be offered in the year noted; **DL:** Paper supported by online learning management system; **OC:** Paper is available on campus; **SC:** Paper is available by Distance Learning; **DP:** Departmental permission required; **P:** Prerequisite; **C:** Corequisite; **PC:** Prerequisite or corequisite; **R:** Restriction; **LT:** Limited to; **RP:** Recommended preparation; **RC:** Recommended concurrent study; **SC:** Schedule C; **L:** Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

See page 108 for more information. **Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers**
Accounting

ACCT 102 Principles of Accounting
ES 0.15 EFTS OL, OC 18 points
A foundation for further studies in accounts preparation. Examines underlying concepts, principles and techniques of financial accounting and reporting.
P BSNS 107 or 115
SC Commerce

ACCT 211 Financial Accounting and Reporting
S1 0.15 EFTS OL, OC 18 points
The accounting theory and practice relevant to some of the more complicated accounting issues unique to companies.
P ACCT 102 and (BSNS 107 or 115) (each passed with a grade of at least C+)
SC Commerce

ACCT 222 Cost and Management Accounting
ES 0.15 EFTS OL, OC 18 points
Understanding cost and management accounting information, with an emphasis placed upon issues of planning and control of organisation, including budgeting and performance evaluation, relevant costs for decision making and pricing.
P ACCT 102 and (BSNS 107 or 115) (each passed with a grade of at least C+)
SC Commerce

ACCT 233 Fundamentals of Accounting for Financial Decisions
S1 0.15 EFTS OL, OC 18 points
The preparation and uses of accounting information for internal and external financial decision-making, including extensive use of Excel spreadsheet skills that lend support for this.
P All of: ACCT 102, (BSNS 102 or 112), (BSNS 107 or 115), (BSNS 108 or 114) (each passed with a grade of at least C+)
R ACCT 213, ACFI 201, FINC 201
SC Commerce

ACCT 302 Accounting Performance Management
S1 0.15 EFTS OL, OC 18 points
Management accounting’s role in designing and operating organisational systems that direct, motivate and evaluate employee action. Associations and information flows between strategic plans and budget targets, measures and incentives are examined.
P ACCT 222
SC Commerce

ACCT 303 Accounting for the Public Sector
NO 0.15 EFTS OL, OC 18 points
Various aspects of financial management and control in governmental and not-for-profit organisations and agencies. The political nature of decision-making processes and current attempts to provide accountability at all levels.
P ACCT 211, 222
SC Commerce

ACCT 306 Accounting Information Systems
S2 0.15 EFTS OL, OC 18 points
Employs a conceptual framework to emphasise the professional and legal responsibility of accountants, auditors, and management for the design, operation and control of AIS applications.
P ACCT 211, 222 and S4 further points at 200-level or above
R ACCT 406
SC Commerce

ACCT 307 Management Accounting
S2 0.15 EFTS OL, OC 18 points
A systematic and in-depth analytic treatment of management accounting topics that encourages the application of analytic reasoning and use of formal models to assist managers in decision making and control activities.
P ACCT 222 and (ACCT 233 or ACFI 201)
SC Commerce

ACCT 310 Financial Statement Analysis
S2 0.15 EFTS OL, OC 18 points
The analysis and interpretation of corporate financial statements using appropriate technology, and problems associated with the use of financial information for decision making.
P ACCT 211 and (ACCT 233 or ACFI 201) and S4 further points at 200-level or above
SC Commerce

ACCT 315 Advanced Financial Accounting
S1 0.15 EFTS OL, OC 18 points
Development of students’ theoretical and technical proficiency in the advanced areas of financial accounting.
P ACCT 211
SC Commerce

ACCT 320 Accounting Theory
NO 0.15 EFTS OL, OC 18 points
Exposes students to the conceptual underpinnings of accountancy from historical, logical and theoretical perspectives. Both professional and academic literatures are examined.
P ACCT 211, 222
SC Commerce

ACCT 325 Corporate Sustainability Accounting and Reporting
S2 0.15 EFTS OL, OC 18 points
A detailed overview of social and environmental accounting and corporate sustainability practices, including latest trends in corporate sustainability reporting.
P ACCT 102 and 72 points at 200-level or above
SC Commerce

ACCT 399 Special Topic
NO 0.15 EFTS OL, OC 18 points
Empirical and methodological approaches to the issues underlying financial accounting and reporting, particularly from a financial economics point of view.
P ACCT 402
R
LT MProfAcct

ACCT 403 Advanced Financial Accounting
S1 0.1667 EFTS OL, OC 20 points
An applied approach to the issues underlying financial accounting and reporting.
P ACCT 402
R
LT MProfAcct

ACCT 404 Empirical and Methodological Aspects of Financial Accounting
NO 0.1667 EFTS OC 20 points
Empirical and methodological approaches to the issues underlying financial accounting and reporting, particularly from a financial economics point of view.
P ACCT 402
R
LT MProfAcct

ACCT 406 Accounting Information Systems
S2 0.1667 EFTS OL, OC 20 points
An advanced study of the implication of AIS design, operation and control for accountants, auditors and managers, using in-depth case studies to develop practical familiarity with the issues arising.
P ACCT 306
R
LT MProfAcct

ACCT 409 Advanced Management Accounting
S2 0.1667 EFTS OL, OC 20 points
An applied approach to the development of management accounting data.
P ACCT 408
R
LT MProfAcct

ACCT 410 Advanced Performance Management Accounting
NO 0.1667 EFTS OL, OC 20 points
Examining and use of design of accounting performance management systems.
P ACCT 408
R

ACCT 411 Literature Review
NO 0.1667 EFTS OL, OC 20 points
This paper involves guiding students through a literature review on a topic of their own choice.
P ACCT 410

ACCT 412 International Accounting
NO 0.1667 EFTS OL, OC 20 points
Exploration of the diversity in accounting issues encountered by companies engaged in international business, and the causes for this. Evaluation of current approaches to international financial reporting harmony.
LT MintBus

ACCT 414 Sustainability Accounting and Reporting
NO 0.1667 EFTS OL, OC 20 points
A detailed overview of social and environmental accounting and corporate sustainability reporting practices, including latest trends in corporate sustainability reporting.
LT MAcct

ACCT 421 Financial Accounting
S1 0.1667 EFTS OL, OC 20 points
The mechanics of financial accounting, the accounting environment and professional standards. Basic accounting concepts, principles, and reporting with applications to actual business settings.
P ACCT 102, 211
R
LT MProfAcct

ACCT 422 Management Accounting
S1 0.1667 EFTS OL, OC 20 points
Understanding, production and use of management accounting information, including cost behaviour, budgeting, variances and performance evaluation, relevant costs for decision making, pricing, product costing, treatment of overhead and allocations.
R BSNS 107, ACCT 222
LT MProfAcct

ACCT 423 Finance
S1 0.1667 EFTS OL, OC 20 points
An introduction to finance by examining the theory and application of why and how financial decisions are made. Students will use Excel to help make financial decisions.
R BSNS 108, ACFT 201
LT MProfAcct

ACCT 429 Commercial Law
S1 0.1667 EFTS OL, OC 20 points
An introduction to New Zealand’s legal framework and the law relating to commercial transactions, different forms of business and the legal requirements relating to these organisations.
R BLAW 211, 212
LT MProfAcct

ACCT 480 Dissertation or Case Study
NO 0.3333 EFTS OL, OC 40 points
An opportunity to investigate in some depth an area of current research in accountancy in which the student is interested. (No more than 10,000 words.)
P ACFT 359
LT BCom(Hons)

Note: Admission subject to approval from Head of Department.

ACCT 499 Special Topic
ES 0.1667 EFTS OL, OC 20 points

ACCT 501 Applied Project
N1, N2 0.3333 EFTS OL, OC 40 points
An investigation of a business problem (real or simulated), backed by appropriate applied and academic literature.
R
LT MProfAcct

ACFI 359 Research Methods
NO 0.15 EFTS OL, OC 18 points
Provides an understanding of research processes and methods, databases, and underlying literature in both accountancy and finance. Promotes the capacity to develop and present a research proposal.
P (ACFI 201 or ACCT 233 or FINC 206) plus two of (ACCT 211, 222, FINC 202, 203) (passed with an average of B+)
R
ACFI 359
LT MProfAcct

Note: Prerequisites must be passed with an average of at least B+ for the three papers.

ACFI 459 Advanced Research Methods
NO 0.1667 EFTS OL, OC 20 points
Advanced research processes and methods, databases, and underlying literature in both accountancy and finance. Builds competency in developing and presenting a research proposal.
P
R ACFI 359

ACFT 311 Auditing Practice
S1 0.15 EFTS OL, OC 18 points
The nature and purpose of auditing, regulatory and professional requirements, audit procedures, the audit report.
P One 200-level ACCT paper and 90 further points from Commerce Schedule C
R
ACFT 301, 411
SC Commerce
Aesthetic Dentistry

AEST 801 Principles of Aesthetic Dentistry
N1 0.5 EFTS OL, OL, DL 60 points
Principles of aesthetic dentistry for general dental practice. Principles of communication with patients, patient psychology, ethics and professionalism, laboratory procedures, biomaterials, restorative dentistry and fixed prosthodontics.

AEST 802 Advanced Aesthetic Dentistry
N2 0.5 EFTS OL, OL, DL 60 points
Advanced techniques in aesthetic dentistry at the level of a general dental practitioner. Analysis, diagnosis, treatment planning and treatment of moderate aesthetically challenged cases using a multidisciplinary approach.

AEST 880 Research Dissertation
N1 0.5 EFTS OL, OL, DL 60 points
Overview of research techniques. Preparation of research proposal, data collection and analysis, completion of research project and presentation of research dissertation.

Anatomy

ANAT 101 Anatomy for Sport and Exercise
S1 0.15 EFTS OL, OL, SC 18 points
Introduction to functional anatomy of the human body, with a focus on biomechanics of normal human movement. Examples in sport and exercise are used to illustrate structure and function.

ANAT 241 Human Biology: Cells to Systems
S1 0.15 EFTS OL, OL, SC 18 points
The structural and functional organisation of the human body at cellular, tissue, system and regional levels.

ANAT 242 Neurobiology
S2 0.15 EFTS OL, OL, SC 18 points
The structural and functional organisation of the nervous system at cellular, tissue, system and integrative levels.

ANAT 243 Reproductive and Developmental Biology
S2 0.15 EFTS OL, OL, SC 18 points
Reproductive biology, encompassing hormone regulation, sperm and oocyte development, and pregnancy. Core concepts of developmental biology, including how the major body systems of an animal form from a fertilised egg.

ANAT 332 Cell Biology
S2 0.15 EFTS OL, OL, SC 18 points
Selected topics from current issues in cell and molecular biology. Practical experience in molecular biology, cell culture and microscopy.

ANAT 333 Reproductive Biology
S1 0.15 EFTS OL, OL, SC 18 points
Neuroendocrine regulation of reproduction. Female and male reproductive biology. Genetics of reproduction.

ANAT 545 Research Topic
NO 0.1667 EFTS OL, OL, SC 20 points
Research Topic

Psychology

ANAT 480 Research Project
FY 0.3333 EFTS OL, OL, DP 40 points
A supervised project involving research and leading to the production of a research report.

ANAT 490 Dissertation
FY 0.5 EFTS OL, OL, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.

Anthropology

ANTH 101 Introduction to Anthropology
S1 0.15 EFTS OL, OL, SC 18 points
An introduction to the fundamental concepts and history of general anthropology, including archaeology and social anthropology.

ANTH 104, ARCH 101

ANTH 201 Human Origins and Civilisations
S2 0.15 EFTS OL, OL, SC 18 points
A review of archaeological evidence for the origins and cultural development of the human species from its earliest appearance up to and including the rise of early civilisation.

ANTH 203 Asian Archaeology
S2 0.15 EFTS OL, OL, SC 18 points
The development of human culture in this area from 10,000 BC to 1,000 AD.

ANTH 204 Pacific and New Zealand Archaeology
S1 0.15 EFTS OL, OL, SC 18 points
An archaeological perspective on cultural change in the Pacific Islands, including New Zealand, from earliest human settlement until the early colonial era.

ANAT 245 Functional Human Anatomy
S2 0.1667 EFTS OL, OL, DP 20 points
ANAT 246 Developmental Biology
S1 0.1667 EFTS OL, OL, DP 20 points
ANAT 456 Advanced Topics in Anatomical Science 2
ES 0.1667 EFTS OL, OL, DP 20 points
ANAT 457 Current Topics in Anatomical Science
ES 0.1667 EFTS OL, OL, DP 20 points
ANAT 458 Research Project
FY 0.3333 EFTS OL, OL, DP 40 points
A supervised project involving research and leading to the production of a research report.

ANAT 481

ANAT 495 Master's Thesis Preparation
FY 0.3333 EFTS OL, OL, DP 40 points

ANTH 103

ANTH 106

ANTH 205 Anthropology and the Contemporary Pacific
NO (2022) 0.15 EFTS OL, OL, SC 18 points
An introduction to the anthropology of contemporary Pacific cultures with reference to how ethnography and theory address representation, social and environmental change in the region.

ANTH 304, ARCH 204

ANTH 206 Pacific Archaeology
S2 0.1667 EFTS OL, OL, SC 18 points
An introduction to the anthropology of contemporary Pacific cultures with reference to how ethnography and theory address representation, social and environmental change in the region.

ANTH 103 or 105 or 54 points

SC Arts and Music
ANTH 206 Anthropology of Contemporary Issues
S2 0.15 EFTS OL, OC 18 points
Anthropological explanation of fundamental social issues such as class, class, gender, nationalism and new social movements, with reference to selected case studies.
P ANTH 103 or 105 or 54 points
SC Arts and Music

ANTH 208 Archaeological Methods
S1 0.15 EFTS OL, OC 18 points
Practical introduction to the methods of acquiring and interpreting archaeological data, and consideration of its relevance to the modern world.
P One of ARCH 101, ANTH 103, 104, 106, or 54 points
R ARCH 201
SC Arts and Music

ANTH 209 Special Topic
NO (2022) 0.15 EFTS OL, OC 18 points
P One of ANTH 103, 104, 105, 106 or 54 points
SC Arts and Music

ANTH 210 Translating Culture
S1 0.15 EFTS OL, OC 18 points
An introduction to the political and ethical implications of anthropological representation combining readings of selected ethnographic films, books and anthropological theory.
P ANTH 103 or 105 or 54 points
SC Arts and Music

ANTH 211 Contemporary Ethnographic Research
NO 0.15 EFTS OL, OC 18 points
An introduction to the issues, methods and ethical considerations involved in carrying out ethnographic research.
P ANTH 103 or 105 or 54 points
R ANTH 320
SC Arts and Music

ANTH 216 Archaeology of the Modern World
S2 0.15 EFTS OL, OC 18 points
Archaeological analysis of the emergence of a globalised modern world since ca. 1500 AD, with consideration of issues including colonisation, culture contact, missionisation, dispossession, class, gender and indigeneity.
P One of ARCH 101, ANTH 103, 104, 106, or 54 points
R ANTH 317, ARCH 202
SC Arts and Music
Note: May not be credited together with ARCH 210 passed in 2013.

ANTH 222 Conceiving Reproduction
NO 0.15 EFTS OL, OC 18 points
An introduction to the social and cultural management of human reproduction. Features local and international anthropological studies of family formation, population control, trafficking, commoditised fertility, adoption, surrogacy, and other reproductive technologies.
P ANTH 103 or 105 or 54 points
R ANTH 322
SC Arts and Music

ANTH 223 Anthropology of Health
S2 0.15 EFTS OL, OC 18 points
An introduction to the global and cross-cultural exploration of concepts of health, healing and illness. Exploration of the commodification, medicalisation, moralities and aesthetics of embodied health and biomedical care.
P ANTH 103 or 105 or 54 points
R ANTH 323
SC Arts and Music

ANTH 225 Rites of Passage: Death, Grief and Ritual
S2 0.15 EFTS OL, OC 18 points
An introduction to the anthropological analysis of responses to death and dying, drawing on cross-cultural case studies and relevant anthropological theories of grief, mourning and funerary practice.
P ANTH 103 or 105 or 54 points
R ANTH 325
SC Arts and Music

ANTH 228 Anthropology of Religion and the Supernatural
NO 0.15 EFTS OL, OC 18 points
An introduction to the anthropological study of religion and the supernatural, providing critical, cross-cultural and comparative perspectives of human belief systems.
P ANTH 103 or 105 or 54 points
R ANTH 328
SC Arts and Music

ANTH 312 Cultural Politics
S1 0.15 EFTS OL, OC 18 points
An introduction to the anthropological analysis of the ‘everyday’ which can elucidate the cultural underpinnings that inform, enable and hinder the exercise of power across the globe.
P 18 200-level ANTH points or 108 points
R ANTH 310
SC Arts and Music
Note: May not be credited together with ANTH 326 passed in 2008.

ANTH 316 Labour and Society
NO (2020) 0.15 EFTS OL, OC 18 points
Comparative studies of labour and development and the anthropology of work through global case studies.
P 18 200-level ANTH points or 108 points
R ANTH 321
SC Arts and Music

ANTH 321 Archaeozoology
S1 0.15 EFTS OL, OC 18 points
Approaches to the study of animal remains from archaeological sites. Students will develop practical skills in the identification of fauna encountered in archaeological sites in New Zealand and the Pacific.
P 18 200-level ANTH points or 108 points
R ANTH 320
SC Arts and Music

ANTH 322 Conceiving Reproduction
NO 0.15 EFTS OL, OC 18 points
The social and cultural management of human reproduction. Features local and international anthropological studies of family formation, population control, trafficking, commoditised fertility, adoption, surrogacy, and other reproductive technologies.
P 18 200-level ANTH points or 108 points
R ANTH 222
SC Arts and Music

ANTH 323 Anthropology of Health
S2 0.15 EFTS OL, OC 18 points
A global and cross-cultural exploration of the concepts of health, healing and illness. Exploration of the commodification, medicalisation, moralities and aesthetics of embodied health via a research essay.
P 18 200-level ANTH points or 108 points
R ANTH 223
SC Arts and Music
Note: May not be credited together with ANTH 310 passed in 2001 or 2002.

ANTH 324 Archaeological Practice
S2 0.15 EFTS OL, OC 18 points
Examination of archaeological practice in applied and theoretical contexts, including field archaeology and resource management, with case studies from throughout the world. Training is provided in archaeological surveying and mapping.
P ARCH 201 or ANTH 208
R ARCH 320
SC Arts and Music
Note: May not be credited together with ANTH 309 passed in 2002 or 2003.

ANTH 325 Rites of Passage: Death, Grief and Ritual
S2 0.15 EFTS OL, OC 18 points
An advanced anthropological analysis of responses to death and dying, drawing on cross-cultural case studies and relevant anthropological theories of grief, mourning and funerary practice.
P 18 200-level ANTH points or 108 points
R ANTH 325
SC Arts and Music

ANTH 326 Special Topic: Sex and Culture
NO (2022) 0.15 EFTS OL, OC 18 points
P 18 200-level ANTH points or 108 points
SC Arts and Music

ANTH 327 Anthropology of Money
S1 0.15 EFTS OL, OC 18 points
An introduction to the anthropological understanding of money, drawing on contemporary case studies from Indigenous (often non-cash) societies, globalising industrial societies, and classical ethnographies of money.
P 18 200-level ANTH points or 108 points
SC Arts and Music

ANTH 328 Anthropology of Religion and the Supernatural
NO 0.15 EFTS OL, OC 18 points
An advanced anthropological study of religion and the supernatural, providing critical, cross-cultural and comparative perspectives of human belief systems.
P 18 200-level ANTH points or 108 points
R ANTH 228
SC Arts and Music

ANTH 329 Landscape Archaeology
S2 0.15 EFTS OL, OC 18 points
Archaeological perspectives on how people in the past inhabited and changed the world around them. Students will develop skills in the application of Geographic Information Systems to archaeology.
P 18 200-level ANTH points or 108 points
R ARCH 303
SC Arts and Music
Note: May not be credited together with ANTH 310 passed in 2010, 2011 or ARCH 310 passed in 2015.

ANTH 330 New Zealand Archaeology
S1 0.15 EFTS OL, OC 18 points
Examination of past and recent research in archaeology of the New Zealand region (North, South, Stewart, Chathams and Subantarctic Islands), from initial human settlement until the recent past.
P 18 200-level ANTH points or 108 points
R ARCH 304
SC Arts and Music
Note: May not be credited together with ANTH 309 passed in 2011 or 2012.

ANTH 331 The Emergence of Agriculture: an Archaeological Journey
S2 0.15 EFTS OL, OC 18 points
Understanding the emergence of world agriculture from an archaeological perspective. Detailed case examples will be given from China, the Near East, Europe, the Americas and the Pacific.
P 18 200-level ANTH points or 108 points
R ARCH 305
SC Arts and Music

ANTH 332 Archaeological Excavation
NO (2021) 0.1667 EFTS OL, OC 20 points
Advanced practical study of archaeological excavation and laboratory processing.
P ARCH 201 and ANTH 208 and 72 300-level ANTH or ARCH points
R ARCH 401
Note: Students intending to enrol must contact the Department by 16 December. Attendance at a field school in February is compulsory.

ANTH 406 Cultural Interpretation
NO (2022) 0.1667 EFTS OL, OC 20 points
Problems in the interpretation of culture, the study of symbols, ritual, coded behaviour.
P 72 300-level ANTH points
ANTH 409 Material Culture Studies
FY 0.1667 EFTS OL, OC 20 points
The study of cultural artefacts in archaeology and anthropology. Addresses practical problems of classification and laboratory analysis, as well as the interpretation of material symbolism, meaning and agency.
P 270 300-level ANTH or ARCH points
R ARCH 402

ANTH 410 Special Topic
NO (2022) 0.1667 EFTS OL, OC 20 points
P 270 300-level ANTH or ARCH points

ANTH 411 Special Topic: Theory in Cultural Anthropology
NO (2022) 0.1667 EFTS OL, OC 20 points
P 270 300-level ANTH points

ANTH 413 Oceanic Prehistory
NO (2022) 0.1667 EFTS OL, OC 20 points
Recent research and current projects involving Polynesia, Micronesia and Melanesia.
P 270 300-level ANTH or ARCH points
R ARCH 403, ANTH 403

ANTH 423 Bodies, Technologies and Medicines
FY 0.1667 EFTS OL, OC, DL 20 points
Anthropological analysis of what it means to be human in living and working with innovative medical technologies such as genetic testing, xenotransplantation, intensive care units, organ transplants and gender reassignment surgery.
P 270 300-level ANTH or ARCH points
R ANTH 322 or 323
Note: May not be credited together with ANTH 411 passed in 2002-2004.

ANTH 424 The Anthropology of Evil
FY 0.1667 EFTS OL, OC, DL 20 points
A cross-cultural and historical investigation of beliefs and activities seen as manifestations of evil in the world, drawing on ethnographic research, historical studies, and anthropological theory.
P 270 300-level ANTH or ARCH points

ANTH 425 Anthropology of Transnationalism and Diaspora
NO (2020) 0.1667 EFTS OL, OC 20 points
Anthropological and transnationalist perspectives on the global study of migration and diaspora of persons and things. Discussion of international ethnographic studies of migrants, refugees, sojourners, elites and other examples.
P 270 300-level ANTH points

ANTH 426 Anthropology and the Past
FY 0.1667 EFTS OL, OC, DL 20 points
Theoretical exploration of anthropological research into heritage, memory, history and archaeology. Students may select a research project on social anthropology cases studies to highlight the role of theory in this research theme.
P 270 300-level ANTH or ARCH points
R ARCH 404
LT BA(Hons), PGDipArts
Note: May not be credited together with ANTH 410 passed in 2012 or ARCH 410 passed in 2013.

ANTH 490 Dissertation
FY 0.5 EFTS OC 60 points
Supervised individual research on a topic in anthropology.
R ANTH 495, ARCH 490
LT (BA(Hons), PGDipArts)

ANTH 495 Dissertation
FY 0.5 EFTS OC 60 points
Supervised individual research on a topic in archaeology.
R ANTH 490, ARCH 490
LT BA(Hons), PGDipArts

ANTH 590 Research Dissertation
N1, N2 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Agriculture

APGE 480 Research Project
FY 0.3333 EFTS OL, OC, DP 40 points
A supervised research project on an approved topic.
LT PGDipAppSc

APGE 490 Dissertation
FY 0.5 EFTS OL, OC, DP 60 points
A supervised research dissertation on an approved topic.
LT BAppSc(Hons)

APGE 495 Master’s Thesis Preparation
FY 0.3333 EFTS OL, OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.
LT MA

Applied Science

APPS 201 Materials: Properties and Applications
NO 0.15 EFTS OL, OC 18 points
Aspects of materials, including physical properties, structure, sustainability, manufacturing and use.
P 108 100-level points
Science

APPS 499 Applied Science Work Experience
ES, FY 0.0417 EFTS OL, OC, DP 5 points
Approved work experience. Preparation of a detailed professional work plan on work experience in a suitable industry for the student's chosen major subject.
P 90 200-level points
R CLTE 460, FOSC 460
LT BAppSc, BAppSc(Hons), MA

APPS 596 Commercialisation Project
N1, N2, N3 0.3333 EFTS OL, OC, DP 40 points
A student-initiated project for science/technology commercialisation comprising either a business plan, or a due diligence report on a science-based commercial venture.

APPS 597 Supervised Independent Study
FY, N1, N2, N3 0.3333 EFTS OL, OC, DP 40 points
A supervised independent study resulting in a piece of original work on a specific research question or an advanced critical analysis of existing, area-specific, literature and knowledge.

APPS 598 Workplace-based Project
N1, N2, N3 0.3333 EFTS OL, OC, DP 40 points
A student-initiated project in collaboration with a host organisation/institution comprising either a strategic plan, or an evaluation of a new science/technology-based initiative, within the host organisation/institution.

Aquaculture and Fisheries

AQII 251 Principles of Aquaculture
S2 0.15 EFTS OL, OC 18 points
An introduction to scientific, legislative, and market-driven challenges to farming organisms in aquatic systems.
R MAR 112 and (STAT 110 or 115) and 18 points from BIOL 112, 123, CELS 191, ECOL 111
R AOII 351, MAR 440
Science

AQII 301 Field Methods for Assessment of Fisheries and Aquatic Habitats
N1 0.15 EFTS OL, OC, DL 18 points
Application of advanced field methods and data analysis to assess the status of fisheries and aquatic habitats.
R AOII 251 or 252, MARI 202
R AQII 301, MAR 440
Science

Note: Prerequisites may be satisfied by appropriate industry or policy experience in aquaculture, fisheries, or marine science, as approved by the Programme Director.

AQLI 352 Fisheries Ecology
S1 0.15 EFTS OL, OC 18 points
An introduction to current practice of fisheries science and population biology in aquatic systems.
P 36 points from AQLI 251, MARI 202, STAT 210, ZOOL 221
R AQLI 252, MARI 425
Science

AQLI 421 Advanced Aquaculture and Fisheries
N1 0.1667 EFTS OL, OC, DL, DP 20 points
Current issues in aquaculture and fisheries with an emphasis on New Zealand, including biological and ecosystem considerations, cultivation, vital rates of populations, and management approaches and methods.
R MARI 425, 426
Note: Enrolment subject to approval from the Head of Department.

AQLI 450 Special Topic
NO 0.1667 EFTS OL, OC 20 points
From time to time, staff may offer one-off specialised topics. Contact the department for details.
LT BAppSc(Hons), PGDipAppSc, PGDipSc, MSc

Arabic

ARAB 131 Arabic 1
NO 0.15 EFTS OL 18 points
An introduction to Standard Arabic and some of its colloquial forms, for students with little or no previous knowledge of the language. The paper takes an integrated approach to the skills of language acquisition and includes basic material on the cultural heritage of Arabic people.
SC Arts and Music
Note: This paper is for beginners only and is not available for students who have previously studied the language.

Art History and Visual Culture

ARTV 101 Introduction to Visual Culture
NO 0.15 EFTS OL, OC 18 points
An introduction to the study of visual culture in contemporary society addressing a range of topics, such as fashion, photography, advertising, celebrity, gender, the moving image and their interfaces.
R MFCO 104, VISC 101
SC Arts and Music

ARTV 102 Interpreting Artworks
NO 0.15 EFTS OL, OC 18 points
A close analysis of ways in which historically major individual artworks can have meaning, and a demonstration of a variety of theoretical, cultural, historical and aesthetic approaches to interpretation in art.
R ARTH 114
SC Arts and Music

ARTV 103 Art: Here and Now
NO 0.15 EFTS OL, OC 18 points
An introduction to historical and contemporary art through the rich cultural offerings of Dunedin. Features weekly field trips for first-hand study of art and meetings with local arts organisations and professionals.
R ARTH 112
SC Arts and Music

ARTV 201 History of Photography: Technology, Document, Art
NO 0.15 EFTS OL, OC 18 points
An interdisciplinary exploration of photography in its multiple manifestations (technology, mass media, and art form) that employs local repositories of historical photographs for classes and assignments.
P One 100-level ARTV, ARTH, HIST or VISC paper or 54 points
R ARTV 301, VISC 201, 202, 302
SC Arts and Music
Note: May not be credited together with ARTV 221 passed before 2011 or VISC 201 passed before 2016.
ARTV 202 Theories and Debates
NO 0.15 EFTS OL, OC 18 points
Introduction to current debates, or a current debate, in the field of Visual Culture studies.
P One 100-level ARTH, ARTV or VISC paper or 54 points
R ARTV 302, VISC 203, 301, 303
SC Arts and Music

ARTV 203 Medieval Art
S1 0.15 EFTS OL, OC 18 points
The visual and cultural development of European art in the medieval period.
P One 100-level ARTH, ARTV or VISC paper or 54 points
R ARTH 212, 312, ARTV 303
SC Arts and Music

ARTV 204 Renaissance Art
NO 0.15 EFTS OC 18 points
The visual and cultural development of European art in the Renaissance period from the early 1400s to the 1600s.
P One 100-level ARTH, ARTV or VISC paper or 54 points
R ARTH 214, 215, 315, ARTV 304
SC Arts and Music

ARTV 205 New Zealand Art in the Twentieth Century
NO 0.15 EFTS OL, OC 18 points
A survey of the history of the visual arts in New Zealand from the 1890s until the 1970s.
P 18 100-level ARTH, ARTV or VISC points or 54 points
R ARTH 217
SC Arts and Music

ARTV 206 Art in Japan
NO 0.15 EFTS OL, OC 18 points
An introduction to Japanese art in relation to its social and cultural contexts from the Asuka and Nara period to the present day.
P 18 100-level ARTH, ARTV, or VISC points or 54 points
R ARTH 223
SC Arts and Music

ARTV 207 Contemporary Art
NO 0.15 EFTS OL, OC 18 points
Development of critical skills and research methods for navigating the complexities of contemporary art. Issues concerning art of the present in local and international contexts.
P 18 100-level ARTH, ARTV or VISC points or 54 points
R ARTH 225
SC Arts and Music

ARTV 230 Special Topic: Pop Art, Fashion and Consumer Culture
S2 0.15 EFTS OL, OC 18 points
The intersections between art and fashion that arose out of the era of affluence and consumerism experienced by Western industrial society in the 1950s and 1960s during the “American Century”.
P 18 100-level ARTH, ARTV, HIST or VISC points; or 54 points
SC Arts and Music
Note: May not be credited together with ARTV 218, 319 or ARTV 350 with the same content.

ARTV 301 History of Photography: Technology, Document, Art (Advanced)
NO 0.15 EFTS OL, OC 18 points
An interdisciplinary exploration of photography in its multiple manifestations (technology, mass media, and art form) that employs local repositories of historical photographs and assignments.
P One 200-level ARTH, ARTV, HIST, or VISC paper or 54 points
R ARTV 201, VISC 201, 202, 302
SC Arts and Music
Note: May not be credited together with ARTH 222 passed before 2011 or VISC 201 passed before 2016.

ARTV 302 Theories and Debates (Advanced)
NO 0.15 EFTS OL, OC 18 points
Introduction to current debates, or a current debate, in the field of Visual Culture Studies.
P One 200-level ARTH, ARTV or VISC paper or 54 points
R ARTV 202, VISC 301, 303
SC Arts and Music

ARTV 303 Medieval Art (Advanced)
S1 0.15 EFTS OL, OC 18 points
The visual and cultural development of European art in the medieval period.
P One 200-level ARTH, ARTV, HIST or VISC paper or 54 points
R ARTH 212, 215, 312, ARTV 203
SC Arts and Music

ARTV 304 Renaissance Art (Advanced)
NO 0.15 EFTS OL, OC 18 points
The visual and cultural development of European art in the Renaissance period from the early 1400s to the 1600s.
P One 200-level ARTH, ARTV, HIST or VISC paper or 54 points
R ARTV 314, 414, ARTV 405
SC Arts and Music
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

ARTV 306 Art in Crisis 1970-1985
S1 0.15 EFTS OL, OC 18 points
A critical study of international art practice and theory between 1970 and 1985, including installation, conceptual and performance art, and the emergence of postmodern, feminist and other alternative art practices.
P One 200-level ARTH, ARTV, HIST or VISC paper
R ARTV 320, 420, ARTV 406
SC Arts and Music
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

ARTV 308 Totalitarian Art in Fascist Italy, Nazi Germany and the USSR
NO 0.15 EFTS OL, OC 18 points
A comparative interdisciplinary examination of the entanglement of art and politics in the visual culture (paintings, photography, political posters, propaganda exhibitions, film) and architecture of the European single-party states.
P One 200-level ARTH, ARTV, HIST or VISC paper
R ARTV 323, 423, ARTV 408
SC Arts and Music
Notes: (i) May not be credited together with ARTV 319 passed in 2003. (ii) Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

ARTV 309 Histories of Art
NO 0.15 EFTS OL, OC 18 points
What is art history? What are its premises? Where did it come from? This paper examines the historical foundations of the discipline and the diverse range of contemporary methodological approaches.
P One 200-level ARTH, ARTV, HIST or VISC paper
R ARTV 334, 434, ARTV 409
SC Arts and Music
Notes: (i) May not be credited together with ARTV 319 or ARTV 414 passed in 2006. (ii) Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

ARTV 330 Special Topic: Pop Art, Fashion and Consumer Culture
S2 0.15 EFTS OL, OC 18 points
The intersections between art and fashion that arose out of the era of affluence and consumerism experienced by Western industrial society in the 1950s and 1960s during the “American Century”.
P 18 100-level ARTH, ARTV, HIST or VISC points; or 54 points
SC Arts and Music
Notes: May not be credited together with ARTH 218, 319, or ARTV 330 with the same content.

ARTV 405 Gender Issues in Art
S1 0.1666 EFTS OL, OC 20 points
Issues in feminist art historiography, examining representations of and by women, as well as the political contexts of art production and reception.
P 54 300-level ARTH, ARTV or VISC points
R ARTH 314, 414, ARTV 305

S2 0.1666 EFTS OL, OC 20 points
A critical study of international art practice and theory between 1970 and 1985, including installation, conceptual and performance art, and the emergence of postmodern, feminist and other alternative art practices.
P 54 300-level ARTH, ARTV or VISC points
R ARTV 320, 420, ARTV 306

ARTV 408 Totalitarian Art in Fascist Italy, Nazi Germany and the USSR
NO 0.1666 EFTS OL, OC 20 points
A comparative interdisciplinary examination of the entanglement of art and politics in the visual culture (paintings, photography, political posters, propaganda exhibitions, film) and architecture of the European single-party states.
P 54 300-level ARTH, ARTV or VISC points
R ARTV 323, 423, ARTV 308
Note: May not be credited together with ARTV 319 or 414 passed in 2006.

ARTV 409 Histories of Art
NO 0.1666 EFTS OL, OC 20 points
What is art history? What are its premises? Where did it come from? This paper examines the historical foundations of the discipline and the diverse range of contemporary methodological approaches.
P 54 300-level ARTH, ARTV or VISC points
R ARTV 324, 424, ARTV 309
Note: May not be credited together with ARTV 319 or 414 passed in 2006.

ARTV 430 Special Topic
NO 0.1666 EFTS OL, OC 20 points
A supervised research dissertation of up to 20,000 words on an approved research topic.
P 54 300-level ARTH, ARTV or VISC points
Note: May not be credited together with ARTV 319, 411 or ARTV 330 with the same content.

ARTV 431 Special Topic: Painting, Public Life and Individualism (1780-1915)
NO 0.1666 EFTS OL, OC 20 points
A survey of European and North American painting movements in the long 19th century, focusing on the medium’s transition from a public to a private art form.
P 18 300-level ARTH, ARTV, HIST or VISC points or 54 points
Note: (i) Students who have not passed the normal prerequisite may be admitted with special approval. (ii) May not be credited together with ARTV 331 with the same content.

ARTV 490 Dissertation
FY 0.5 EFTS OL, OC, DP 60 points
A dissertation of up to 20,000 words on an approved research topic.
P 54 300-level ARTH, ARTV or VISC points
R ARTH 470, 490
LT BA(hons), PGdipArts

ARTV 590 Research Dissertation
NO 0.5 EFTS OL, OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Aviation Medicine

AVME 711 Aviation Physiology
NO 0.25 EFTS OL, DL 30 points
Altitude physiology; vision in aviation; vestibular forms of disorientation; central and visual forms of disorientation; long duration acceleration; effects of microgravity; cardiovascular physiology; thermal physiology; ageing and performance.

LT PG CertAvMed, PG DipAvMed, MHealSc, MAvMed, PG DipHealSc
L Wellington

AVME 712 Human Performance
S2 0.25 EFTS OL, DL 30 points
Medical investigation of aircraft accidents; short duration acceleration; noise, vibration and communication; survival and rescue; fatigue; risk management; human performance; ergonomics and work performance; aviation toxicology; health promotion.

LT MAvMed, MHealSc, PG DipAvMed, PG DipHealSc
L Wellington

AVME 713 Airport and Travel Health
S1 0.25 EFTS OL, DL 30 points
Airport services; airline aviation medicine; passenger cabin safety; flight attendant health; airline catering; alcohol and drug issues in aviation; public health aspects of airline travel; traveller health; aeromedical transport systems.

LT MAvMed, MHealSc, PG DipAvMed, PG DipHealSc
L Wellington

AVME 714 Clinical Aviation Medicine
NO 0.25 EFTS OL, DL 30 points
Aeromedical risk management; medication in flying; otolaryngology; ophthalmology; neurosurgery; psychiatry; respiratory medicine and aviation; cardiology; general medical conditions and fitness to fly.

LT MAvMed, MHealSc, PG CertAvMed, PG DipAvMed, PG DipHealSc
L Wellington

AVME 715 Health, Work and Behaviour
S1 0.25 EFTS OL, DL 30 points
Occupational mental health; mental illness and employment; psychological assessment; alcohol and other drugs; shift work and fatigue; occupational accidents; hazards and safety; manual handling; ergonomics and occupational overuse injury; thermal stress.

LT MAvMed, MHealSc, PG CertOccMed, PG DipHealSc, PG DipOccMed
L Wellington

AVME 716 Clinical Occupational Medicine
S2 0.25 EFTS OL, DL 30 points
Occupational noise, lighting and vision; radiatory and electrical hazards at work; occupational lung disorders; occupational allergy; occupational cancer; occupational and environmental toxicology; exposure measurement; occupational driving and compressed air at work.

LT MOccMed, MAvMed, MHealSc, PG CertOccMed, PG DipHealSc, PG DipOccMed
L Wellington

AVME 717 Medical Logistics in Aeromedical Transport
S1 0.25 EFTS OL, DL 30 points
Historical perspectives; search and rescue; primary aeromedical retrieval; secondary aeromedical retrieval; risk and transfers; logistics of long reach retrieval; tertiary aeromedical transport; logistics of international repatriation; essential pre-flight considerations; working as a team.

LT MAeroRT, MAvMed, MHealSc, PG CertAeroRT, PG DipAeroRT, PG DipHealSc
L Wellington

AVME 718 Operational Aspects of Aeromedical Retrieval
S2 0.25 EFTS OL, DL 30 points
Overview of aeromedical transport worldwide; modes of medical transport; helicopters used for medical transport; survival in and around helicopters; F/W aircraft used for medical transport; aircraft safety; the risks of air travel; aeromedical equipment; communications and coordination; operational limitations and constraints.

LT MAeroRT, MAvMed, MHealSc, PG CertAeroRT, PG DipAeroRT, PG DipHealSc
L Wellington

AVME 719 Aeromedical Studies for Nurses and Paramedics
S1 0.25 EFTS OL, DL 30 points
The aviation environment, principles and theory of aeromedical care; air ambulance/aeromedical operations; risk management in aeromedical retrieval and transportation work; critical reflection.

R AVMX 719
LT MAvMed, MHealSc, PG CertHealSc, PG DipHealSc
L Wellington

AVME 720 Clinical Analysis in Aeromedical Retrieval and Transport
S2 0.25 EFTS OL, DL 30 points
Critical analysis of an issue in flight nursing or aero paramedic; a personal programme of study based on critical evaluation of the student’s own clinical role and working environment.

R AVME 720
LT MAvMed, MHealSc, PG CertHealSc, PG DipHealSc
L Wellington

AVME 721 Clinical Care in the Air
NO 0.25 EFTS OL, DL 30 points
Relating physiology, pathology and flight; general clinical concerns; cardiovascular patients; orthopaedic and trauma patients; burn patients; obstetric patients; aeromedical transport of children, miscellaneous conditions of concern, critical care in the air.

LT MAeroRT, MAvMed, MHealSc, PG DipAeroRT, PG DipHealSc
L Wellington

AVME 722 Organisation of Aeromedical Systems
NO 0.25 EFTS OL, DL 30 points
Establishing an aeromedical service; administration of an aeromedical service; standards, quality, and quality control; international differences in approach; insurance and travel assistance; personnel selection and training; medico-legal issues; military AME; major incident response.

LT MAeroRT, MAvMed, MHealSc, PG DipAeroRT, PG DipHealSc
L Wellington

AVME 723 Managing Occupational Medicine
NO 0.25 EFTS OL, DL 30 points
Disability assessment; workplace assessment; communication; consultation and negotiation; risk assessment and risk communication; funding and management of occupational health; occupational medicine and the law; research and medical informatics in occupational medicine; setting up and running an occupational medicine programme; quality assurance in occupational medicine.

LT MOccMed, MAvMed, MHealSc, PG DipHealSc, PG DipOccMed
L Wellington

AVME 724 Health and Industry
NO 0.25 EFTS OL, DL 30 points
Mining, nuclear power and other radiation work; agriculture and silviculture, chemical industries; international business; work in extreme environments and hazardous employment; petrochemical industries including oil and gas exploration; office work, general manufacturing and technical trades; environmental health.

LT MOccMed, MAvMed, MHealSc, PG DipHealSc, PG DipOccMed

AVME 725 Special Topic
ES 0.25 EFTS OL, DL 30 points
Supervised study in breadth and depth sufficient to submit a journal article for publication in an appropriate journal.

R AVME 726
LT MAvMed, MHealSc, PG DipHealSc
L Wellington

Note: Admission to this paper requires the specific approval of the Course Director.

AVME 780 Research Project
ES 0.25 EFTS OL, DL 30 points
A supervised research project up to 10,000 words involving the development, implementation and reporting of an original topic in the student’s area of professional interest.

R AVME 780
LT MAvMed, MHealSc, PG DipAeroRT, PG DipAvMed, PG DipHealSc
L Wellington

AVME 801 Occupational Medicine Epidemiology and Biostatistics
S1 0.25 EFTS OL, DL, DP 30 points
Qualitative and quantitative research, designing research projects, ethical issues, survey methods, quantitative data analysis, statistics, types of data, data presentation, critical appraisal, research frameworks, comparison of methodologies.

R AVME 785
L Wellington

AVME 802 Vocational Rehabilitation
S2 0.25 EFTS OL, DL 30 points
Conducting a review; workers’ compensation; work rehabilitation; graduates return to work; functional capacity evaluation; activity prescription; psychosocial obstacles to return to work, work and workplace assessment; disability assessment.

R REHX 706, REHB 706
LT MOccMed, MHealSc (Endorsed)
L Wellington

AVME 803 Specialist Aeromedical Retrieval
S1 0.25 EFTS OL, DL 30 points
Conducting a review; neonatal paediatric transfers; obstetric transfers; use of new technologies; burns and thermal injury; infectious diseases; remote medical assistance; expedition and remote area support; reparation from conflict areas; advanced in-flight interventions; platforms for delivering tertiary level specialist care.

LT MAeroRT, MAvMed, MHealSc (Endorsed)
L Wellington

AVME 804 International Assistance Operations
S2 0.25 EFTS OL, DL 30 points
Conducting a review; governance models for assistance operations; management of networks; personnel issues; telemedicine; ethical dilemmas; risk management strategies; medical equipment; major incident management; audit and continuous quality improvement models.

LT MAeroRT, MAvMed, MHealSc (Endorsed)
L Wellington

Prescriptions

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; NO: not offered in 2019; NO (20XX): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; PC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; PR: Prerequisite; GC: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; SC: Concurrent study; CS: Course Schedule; L: Location paper is taught at; or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
BIBS 112 Interpreting the Old Testament
S2 0.15 EFTS OL, OC, DL 18 points
The interpretation of the Old Testament in its historical context, including an introduction to the overall biblical story, methods of interpreting the Pentateuch (Genesis-Deuteronomy) and the historical books (Joshua-2 Kings), and an in-depth discussion of selected texts.
R BIBX 112
SC Arts and Music, Theology

BIBS 113 Introductory New Testament Greek Language 1
S1 0.15 EFTS OL, OC, DL 18 points
A reading-based beginners’ paper covering the basic elements of New Testament Greek grammar and vocabulary, designed to develop reading skills in New Testament Greek.
R BIBX 113
SC Arts and Music, Theology

BIBS 211 God, Land and Exile in the Hebrew Prophets
S1 0.15 EFTS OL, OC, DL 18 points
A study of the prophetic books of the Old Testament, with special reference to the theological crisis of the destruction of the Temple (586 BCE) and the Babylonian exile.
R BIBS 211, BIBX 211, 311
SC Arts and Music, Theology

BIBS 213 Hebrew Old Testament Exegesis 2
FY 0.15 EFTS OL, OC, DL 18 points
Detailed study of Hebrew language and syntax, with weekly language exercises. The translation and exegesis of selected passages.
P HEBR 103 or (HEBR 131 and 132)
PC BIBS 112
R BIBX 213
SC Arts and Music, Theology

BIBS 215 Special Topic: The Bible in Religious Education
S2 0.15 EFTS OL, OC, DL 18 points
A detailed introduction to the study of the Gospels, with exegesis of selected texts.
R BIBS 215
SC Arts and Music, Theology

BIBS 221 The Gospels
S2 0.15 EFTS OL, OC, DL 18 points
A detailed introduction to the study of the Gospels, with exegesis of selected texts.
R BIBS 321, BIBX 221, 321
SC Arts and Music, Theology

BIBS 223 Greek New Testament Exegesis 2
FY 0.15 EFTS OL, OC, DL 18 points
Issues in translation of New Testament Greek, including grammar and syntax, with reference to selected passages, translation and detailed exegesis of other Greek texts.
P (GREK 111 and 112) or (BIBS 131 and 132)
PC BIBS 121
R BIBX 223
SC Arts and Music, Theology

NO 0.15 EFTS OL, OC, DL 18 points
P 36 100-level points
R BIBX 224
SC Arts and Music, Theology

BIBS 225 Special Topic: Approaches to Hermeneutics
NO 0.15 EFTS OL, OC, DL 18 points
An overview of the historical development of biblical hermeneutics, from early Christian and Jewish interpretation to contemporary critical approaches. This paper incorporates key hermeneutical approaches, concepts, issues, and terms.
P 36 100-level points
R BIBX 225
SC Arts and Music, Theology

BIBS 226 Jesus in the New Testament
NO 0.15 EFTS OL, OC, DL 18 points
A study of the different portraits of Jesus in selected New Testament documents, including discussion of various titles used for Jesus, Christological themes and the development of views about Jesus as this can be seen in the New Testament.
P 36 points
R BIBS 326, BIBX 226, 326
SC Arts and Music, Theology

BIBS 311 God, Land and Exile in the Hebrew Prophets (Advanced)
S1 0.15 EFTS OL, OC, DL 18 points
A detailed study of the prophetic books of the Old Testament, with special reference to the theological crisis of the destruction of the Temple (586 BCE) and the Babylonian exile.
P One 200-level BIBS or BIBX paper
R BIBS 211, BIBX 211, 311
SC Arts and Music, Theology

BIBS 313 Hebrew Old Testament Exegesis 3
FY 0.15 EFTS OL, OC, DL 18 points
Detailed study of Hebrew language and syntax, with weekly language exercises. The translation and exegesis of selected passages.
P BIBS 213 or BIBX 213
R BIBX 313
SC Arts and Music, Theology

BIBS 315 Special Topic
NO 0.15 EFTS OL, OC, DL 18 points
A detailed study of various titles used for Jesus, Christological themes and the development of views about Jesus as this can be seen in the New Testament.
P One 200-level BIBS or BIBX paper
R BIBS 315
SC Arts and Music, Theology

BIBS 317 God, Suffering and Justice
NO 0.15 EFTS OL, OC, DL 18 points
A detailed study of the genre, argument and theology of the book of Job in the context of the scriptural canon and the religious thought of the ancient world.
P One 300-level BIBS or BIBX paper
LT BTHeol(Hons), BAg(Hons), PGidTheol, PGidArts, MTheol, MMin, PGidMin, DiplGrad

BIBS 318 Judaism in the Time of Jesus (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
A detailed study of texts from the Hebrew Bible and related literature that wrestles with the problem of how God can be regarded as just in the face of the reality of suffering.
P One 200-level BIBS, BIBX, RELS or RELX paper
R BIBS 413, BIBX 317, 413
SC Arts and Music, Theology

BIBS 321 The Gospels (Advanced)
S2 0.15 EFTS OL, OC, DL 18 points
A detailed introduction to the study of the Gospels, with exegesis of selected texts.
P One 200-level BIBS or BIBX paper
R BIBS 221, BIBX 221, 321
SC Arts and Music, Theology

BIBS 322 The New Testament Epistles
S1 0.15 EFTS OL, OC, DL 18 points
A detailed introduction to Paul’s life and letters and to the setting and thought of other New Testament Epistles with exegesis of selected texts.
P One 200-level BIBS or BIBX paper
R BIBX 322
SC Arts and Music, Theology

BIBS 323 Greek New Testament Exegesis 3
FY 0.15 EFTS OL, OC, DL 18 points
Translation and detailed exegesis of selected Greek texts against their historical background.
P BIBS 223 or BIBX 223
R BIBX 323
SC Arts and Music, Theology

NO 0.15 EFTS OL, OC, DL 18 points
An advanced overview of the historical development of biblical hermeneutics, from early Christian and Jewish interpretation to contemporary critical approaches. This paper incorporates key hermeneutical approaches, concepts, issues, and terms.
P One 200-level BIBS or BIBX paper
R BIBX 324
SC Arts and Music, Theology

BIBS 325 Special Topic: Approaches to Hermeneutics
NO 0.15 EFTS OL, OC, DL 18 points
An advanced overview of the historical development of biblical hermeneutics, from early Christian and Jewish interpretation to contemporary critical approaches. This paper incorporates key hermeneutical approaches, concepts, issues, and terms.
P One 200-level BIBS or BIBX paper
R BIBX 325
SC Arts and Music, Theology

BIBS 326 Jesus in the New Testament (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
A study of the different portraits of Jesus in selected New Testament documents, including discussion of various titles used for Jesus, Christological themes and the development of views about Jesus as this can be seen in the New Testament.
P One 200-level BIBS or BIBX paper
R BIBS 226, BIBX 226, 326
SC Arts and Music, Theology

BIBS 327 Special Topic: The Book of Job
S2 0.1667 EFTS OL, DL 20 points
A detailed study of the genre, argument and theology of the book of Job in the context of the scriptural canon and the religious thought of the ancient world.
P One 200-level BIBS or BIBX paper
LT BTHeol(Hons), BA(Hons), PGidTheol, PGidArts, MTheol, MMin, PGidMin, DiplGrad

BIBS 341 God, Suffering and Justice (Advanced)
NO 0.1667 EFTS OL, DL 20 points
A detailed study of texts from the Hebrew Bible and related literature that wrestles with the problem of how God can be regarded as just in the face of the reality of suffering.
P BIBS 317, BIBX 317, 413
LT BA(Hons), PGidArts, PGidChap, PGidChap, MChap, BTHeol(Hons), PGidTheol, MTheol, PGidMin, MMin

BIBS 411 Hebrew Old Testament Exegesis (Advanced)
FY 0.1667 EFTS OL, OC, DL 20 points
A detailed introduction to the study of the Gospels, with exegesis of selected texts.
R BIBX 411

BIBS 412 Special Topic: The Book of Job
S2 0.1667 EFTS OL, DL 20 points
A detailed study of the genre, argument and theology of the book of Job in the context of the scriptural canon and the religious thought of the ancient world.
P One 200-level BIBS or BIBX paper
R BIBS 226, BIBX 226, 326
SC Arts and Music, Theology

BIBS 413 God, Suffering and Justice (Advanced)
NO 0.1667 EFTS OL, DL 20 points
A detailed study of texts from the Hebrew Bible and related literature that wrestles with the problem of how God can be regarded as just in the face of the reality of suffering.
P BIBS 317, BIBX 317, 413
LT BA(Hons), PGidArts, PGidChap, PGidChap, MChap, BTHeol(Hons), PGidTheol, MTheol, PGidMin, MMin

BIBS 417 Hebrew New Testament Exegesis
FY 0.1667 EFTS OL, OC, DL 20 points
A detailed introduction to the study of the Gospels, with exegesis of selected texts.
R BIBX 417

BIBS 423 Special Topic: The New Testament Epistles
S1 0.1667 EFTS OL, OC, DL 20 points
A detailed introduction to Paul’s life and letters and to the setting and thought of other New Testament Epistles with exegesis of selected texts.
P One 200-level BIBS or BIBX paper
R BIBX 423
SC Arts and Music, Theology
Biochemistry

BIOC 192 Foundations of Biochemistry
S2 0.15 EFTS OL, OC 18 points
An introduction to the structure and function of proteins as essential elements of life processes; principles of enzymology, introductory bioenergetics; conservation of the energy of food for body processes; digestion and catalysis of fats, proteins and carbohydrates; terminal pathways of oxidation, anaerobic and aerobic metabolism, mitochondrial metabolism; energy storage and utilisation, the molecular basis of disease, illustrative topics in metabolism.

P: CHEM 191
SC Science

Note: Students who have passed the terms test and laboratory assessment for CHEM 191 in the first semester, but failed the paper overall, may be admitted to BIOC 192 if they have passed CELS 191.

BIOC 221 Molecular Biology
S1 0.15 EFTS OL, OC 18 points

P: CELS 191, CHEM 191 and 36 further points
R: BIOC 211, 230, MELS 230, PHCY 231
RC: BIOC 192
RP: BIOC 221
SC Science

BIOC 222 Proteins in Industry and Medicine
S2 0.15 EFTS OL, OC 18 points
Proteins and their functions underpin all life processes. Exploration of the diversity of protein structure and how the shape of proteins determines function. Consideration of the medical and industrial use of proteins.

R: BIOC 192, CELS 191, CHEM 191 and 18 further points
RP: BIOC 230, MELS 230, PHCY 231
RC: BIOC 221, GENE 221
RP: BIOC 222
SC Science

BIOC 223 Cellular Biochemistry and Metabolism
S2 0.15 EFTS OL, OC 18 points
Metabolism provides the fuels and molecules for life. How metabolic processes are regulated and coordinated in animals. Human disease states that arise from metabolic imbalances.

P: BIOC 192, CELS 191, CHEM 191 and 18 further points
R: BIOC 230, MELS 230, PHCY 231
RP: BIOC 221
RC: BIOC 222
SC Science

BIOC 230 Biochemistry
S1 0.15 EFTS OL, OC 18 points

P: BIOC 192, CELS 191, CHEM 191 and 18 further points
R: BIOC 230, MELS 230, PHCY 231
RP: BIOC 221
RC: BIOC 222
SC Science

BIOC 352 Advanced Molecular Biology and Bioinformatics
S1 0.15 EFTS OL, OC 18 points

P: BIOC 192, 221
RP: One of BIOC 222, 223, GENE 221, 222, 223
SC Science

Note: In approved cases a 200-level GENE paper may be substituted for BIOC 192.

BIOC 353 Molecular Basis of Health and Disease
S2 0.15 EFTS OL, OC 18 points
Cell signalling: how signals are received and transmitted within cells. Steroid hormone and retinoid signalling. Regulation of growth, development and cell death. Diseases associated with aberrant cell signalling.

P: BIOC 222 or 223
RP: BIOC 221
SC Science

Note: In approved cases BIOC 221 and (ANAT 241 or any 200-level GENE paper or PHSL 231) may be substituted for BIOC 222 or 223.

BIOC 360 Research Perspectives in Biochemistry
S2 0.15 EFTS OL, OC 18 points
Development of scientific ideas and application of the scientific method. Communicating science. Current research topics in Biochemistry.

PC: Two of BIOC 351, 352, 353, 354, 355
SC Science

BIOC 461 Research Design and Analysis in Biochemistry
FY 0.1667 EFTS OL, OC, DP 20 points

BIOC 462 Molecular Biology
S1 0.1667 EFTS OL, OC, DP 20 points

BIOC 463 Contemporary Technologies in Biochemistry
S2 0.1667 EFTS OL, OC, DP 20 points

BIOC 464 Applied Biochemistry
S2 0.1667 EFTS OL, OC, DP 20 points

Note: Normally available only to Biochemistry MSc students.

BIOC 480 Research Project
FY 0.3333 EFTS OL, OC, DP 40 points
A supervised project involving research and leading to the production of a research report.

R: BIOC 481
LT: PGDipSci

BIOC 490 Dissertation
FY 0.5 EFTS OL, OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT: BAppSci(Hons), BSc(Hons), PGDipSci

BIOC 495 Master’s Thesis Preparation
FY 0.3333 EFTS OL, OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.

LT: MSc

Bioengineering

BIOE 401 Research Methods
FY 0.1667 EFTS OL, OC, DP 20 points
Evaluation and application of research methods in bioengineering.

R: CLTE 453, CLTX 453, DETE 401

BIOE 402 Special Topic
NO 0.1667 EFTS OL, OC, DP 20 points

BIOE 403 Bioengineering Design
FY 0.1667 EFTS OL, OC, DP 20 points
Design for a medical/bioengineering application resulting in a product, system, process or communication outcome. Emphasis on materials, technology, instrumentation and interface for unmet bioengineering needs.

R: DETE 402

BIOE 404 Medical Devices and Technology
FY 0.1667 EFTS OL, OC, DP 20 points

LT: MSc, MAppSc, PGDipAppSci, PGCertAppSci

Note: Not to be credited together with BIOE 402 passed in 2016 or 2017.

BIOE 480 Research Project
FY 0.3333 EFTS OL, OC 40 points
A supervised project involving research and leading to the production of a research report.


BIOE 495 Master’s Thesis Preparation
FY 0.3333 EFTS OL, OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.

LT: MSc
Biological Anthropology

BIOA 101 Introduction to Biological Anthropology
S2 0.15 EFTS OL OC 18 points
An introduction to Biological Anthropology, focusing on the biocultural and evolutionary processes and how these shape who we are today.
R BIOA 201 SC Arts and Music Science
Note: Students who have passed BIOA 201 are not permitted to take BIOA 101.

BIOA 201 Biocultural Human Skeletal Biology
SS, S1 0.15 EFTS OL OC 18 points
An introduction to human bioarchaeology; particularly evolutionary and comparative anatomy of the human body, what makes it unique among other primates, and why it varies among populations. Includes aspects of forensic anthropology.
P (One of ARCH 101, ANTH 103, 106, BIOA 101, BIOL 112, CELS 191, HUBS 191) and 36 further points or 108 points
SC Arts and Music Science

BIOA 301 Biological Anthropology of the Human Skeleton
S1 0.15 EFTS OL OC 18 points
Biological variation of the human skeleton. Application of the theory and methods of analysis used to study morphological and genetic variation and health in human skeletal remains excavated from archaeological sites.
P BIOA 201 SC Arts and Music Science

Botany

BTNY 201 Plant Functional Biology and Biotechnology
S1 0.15 EFTS OL OC 18 points
The key cellular processes that facilitate plant growth and development; how these processes are regulated by the environment; how plants respond to stressful conditions; applications in conventional plant breeding, biotechnology, and food production.
P One of BIOL 112, 113, 117, BTNY 111, CELS 191, HUBS 191, 192, ECOL 111, and 18 further points
S1 from Science Schedule C
R BTNY 221 SC Science

BTNY 202 Plant and Fungal Diversity
S2 0.15 EFTS OL OC 18 points
Plant and fungal diversity with an emphasis on New Zealand species; the processes that drive species diversification, and methods for exploring and describing evolutionary relationships among species.
P One of BIOL 112, 113, 117, BTNY 111, CELS 191, HUBS 191, 192, ECOL 111, and 18 further points from Science Schedule C
R BTNY 223 SC Science

BTNY 203 Marine and Freshwater Botany
S2 0.15 EFTS OL OC 18 points
The diversity, physiology and ecology of marine and freshwater plants, algae and cyanobacteria.
P One of (BIOL 112, 113, 117, BTNY 111, CELS 191, HUBS 191, 192) and one of (ECOL 111, MAR 112)
R BTNY 225 SC Science

BTNY 301 Plant Ecology
S1 0.15 EFTS OL OC 18 points
Ecophysiological, systems, life-history and community perspectives on how plants respond to and influence their environment, across a range of terrestrial, freshwater and marine ecosystems.
P Two of BTNY 201, 202, 203, ECOL 211, 212, GENE 222, 223, GEOG 287, 290, MARI 202, STAT 210, ZOOI 221, 222, 223
SC Science

BTNY 302 Plant Interactions
S1 0.15 EFTS OL OC 18 points
Positive and negative plant interactions with fungi, bacteria, viruses and animals, with an emphasis on how understanding plant interactions provides insights into plant biology from community structure to crop productivity.
P Two of BTNY 201, 202, 203, ECOL 211, 212, GENE 222, 223, GEOG 287, MARI 202, STAT 210, ZOOI 221, 222, 223
SC Science

Biomedical Sciences

BMED44F Research in Nutrition and Metabolism in Human Health
N1 1.0 EFTS OC 120 points
LT BBiomedSc(Hons)

BMED44G Research in Reproduction, Genetics and Development
N1 1.0 EFTS OC 120 points
LT BBiomedSc(Hons)

Biomechanics

BITC 404 Ethics and Health Care
S2 0.25 EFTS OL OC 30 points
The ethical dimensions of major areas of contention and themes in health care and its provision as beginning and end of life issues, resource allocation, animals and ethics, new and emerging technologies, genetics and ethics.
P BITC 401 or BITC 409

BITC 405 Bioethics in Clinical Practice
S2 0.25 EFTS OL OC 30 points
Ethical issues arising at the heart of clinical practice concerning matters such as obtaining consent, holding confidences, maintaining professional boundaries and managing multiple roles.
R BITC 402, BITC 405

BITC 407 Advanced Health Research Ethics
S1 0.125 EFTS OL OC 15 points
Basic ethical aspects of health research on humans: questions arising in research from conception, design and conduct, to dissemination of research results, the role and challenges of ethical review of research; Maori in research, and research in vulnerable populations.
R BITC 406

BITC 408 Health Research Ethics
S1 0.125 EFTS OL OC 15 points
The ethical dimensions of major areas of contention and themes in health care and its provision as beginning and end of life issues, resource allocation, animals and ethics, new and emerging technologies, genetics and ethics.

BITC 412 Special Topic
N0 0.125 EFTS OC 15 points
A supervised dissertation of up to 20,000 words presenting the results of an original research project on a relevant topic in the student’s area of interest within bioethics and health law.
LT MHealSc

BITC 490 MBHL Dissertation
N1, N2, N3, N4 0.4 EFTS OC 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original research project on a relevant topic in the student’s area of interest within bioethics and health law.
LT MBHL
### Business Administration

**Note for BDBA 901-902, 904-909. These papers include a compulsory on-campus component.**

#### BDBA 901 Organisational Leadership and Change
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - The principles of leadership styles and success; how attitudes can impact on individual and organisational performance; corporate cultures; the principles of organisational change, how it is implemented and leading change.
  - **LT** DBA

#### BDBA 902 Organisational Psychology
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - The principles of organisational psychology, the role of emotional intelligence, the realities of group dynamics and group behaviour, intergroup conflict and cooperation.
  - **LT** DBA

#### BDBA 903 Globalisation and International Trade
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - Critical issues in the operation of multi-national businesses, including currency hedging, information security, sustainability, tax havens, risk, and changing geopolitical power.
  - **LT** DBA

#### BDBA 904 Contemporary Issues in Finance
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - **LT** DBA

#### BDBA 905 Research Methodology I
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - The research process from the theories of research epistemologies through generating research ideas and developing a research design.
  - **LT** DBA

#### BDBA 906 Research Methodology II
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - The practice of undertaking research from selecting a methodology through primary data collection and using secondary data, including statistics and big data analysis.
  - **LT** DBA

#### BDBA 907 Socially Responsible Business
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - An introduction of business principles and practices with a strong focus on attributes such as ethics, social awareness, environmental responsibility and sustainability.
  - **LT** DBA

#### BDBA 908 Sustainable Business
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - Examines how businesses are responding to sustainability and climate change in the current socio-economic context and encourages students to create alternative scenarios of future business worlds.
  - **LT** DBA

#### BDBA 909 New Thinking in Marketing Theory
- **N1** 0.1667 EFTS OL, OC, DL 20 points
  - Major changes to our understanding of how marketing works and the ways in which consumers behave.
  - **LT** DBA

#### BDBA 910 Global Environmental Impacts on Tourism
- **S2** 0.1667 EFTS OL, OC, DL 20 points
  - Local, national and global natural resources and environments associated with tourism business management and the impacts of environmental issues on tourism business development.
  - **LT** DBA

Note for BDBA 901-906: These papers include a compulsory on-campus component at Shanghai Jiao Tong University.

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**Buddhist Studies**

See minor subject requirements (page 99).

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### Key

- **N1**: first semester
- **S2**: second semester
- **ES**: each semester
- **FY**: full year
- **SS**: Summer School
- **N1-5**: non-standard periods
- **ND**: not offered in 2019
- **NO (20XX)**: not offered in 20XX
- **OL**: offered, expected to be offered in the year noted
- **DF**: Distance Learning
- **DP**: Departmental permission required
- **P**: Prerequisite
- **C**: Corequisite
- **PR**: Prerequisite or corequisite
- **RP**: Required or recommended preparation
- **RC**: Recommended concurrent study
- **SC**: Schedule C
- **L**: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin)

See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at ortgo.ac.nz/courses/papers*
BUSC 513 Strategy Implementation
N1, N3, N5 0.125 EFTS OL, OC, DL 15 points
The success factors relating to strategy implementation, the importance of sales and cash flow management, and the skills required to execute a strategic plan and present under pressure.
LT DipBusAdmin, MBA, PGDipHealthMgt, MHealSc

BUSC 525 MBA International Exchange Papers
ES 0.0 EFTS OC 30 points
This component of the MBA programme is a grouping of approved elective papers.
LT MBA

BUSC 530 Business Project
NO 0.25 EFTS OL, OC, DL 30 points
The application of knowledge and skills acquired on the DipBusAdmin programme to a specific business problem.
LT DipBusAdmin, PGDipHealthMgt, MHealSc

BUSC 535 MBA International Exchange Papers
NO 0.0 EFTS OC 60 points
This component of the MBA programme is a grouping of approved elective papers.
LT MBA

BUSC 540 MBA Business Project
NO 0.375 EFTS OL, OC, DL 45 points
The application of knowledge and skills acquired on the MBA programme to a specific business problem.
LT MBA

BUSC 550 MBA Elective Papers
N1, N2, N3, N4, N5 0.5 EFTS OL, OC 60 points
This component of the MBA programme is a grouping of approved elective papers.
LT MBA

BUSC 560 MBA Elective Papers
NO 0.25 EFTS OL, OC, DL 30 points
This component of the MBA programme is a grouping of approved elective papers.
LT MBA

BUSC 510 General Management Concepts
N1, N2 0.125 EFTS OC 15 points
Introduction to the latest concepts and practices in the different general management areas including finance for non-financial managers, marketing management, communication skills, and strategic management.
R BUSC 515
LT PGcEM, PGdipEM

BUSC 511 Strategic Thinking
N1, N2 0.125 EFTS OC 15 points
Give participants the knowledge and skills to help make their organizations more competitive, and to provide a planning format that can guide the formulation and implementation of competitive business strategies.
LT PGcEM, PGdipEM

BUSC 512 Enhancing Leadership
N1, N2 0.125 EFTS OC 15 points
The current theory and implications for good leadership, including the characteristics of high-quality leadership. Team leadership, leading the performance of subordinates, understanding corporate culture and leading organisational change will be examined.
LT PGcEM, PGdipEM

BUSC 513 Marketing - Creating Value For Customers
N1, N2 0.125 EFTS OC 15 points
The role, function and scope of marketing as it exists within the firm and also as it relates to other employees and stakeholders, including the process and issues involved in developing and implementing a marketing plan.
LT PGcEM, PGdipEM

BUSC 516 Managing People and Performance
N1, N2 0.125 EFTS OC 15 points
Current models of strategic Human Capital management, rewards systems, performance management, training and development, employment law and human rights.
LT PGcEM, PGdipEM

BUSC 517 Finance for Non-Financial Managers
N1, N2 0.125 EFTS OC 15 points
A seminar for non-financial managers which will guide participants through the key concepts of corporate finance and accounting to better understand factors that affect firm performance.
LT PGcEM, PGdipEM

BUSC 518 Innovation and Entrepreneurship
N1, N2 0.125 EFTS OC 15 points
The current theory and implication for corporate entrepreneurship strategies including product development and new venture planning. Strategic innovation, opportunity recognition, protecting intellectual property and understanding innovation and entrepreneurship culture will be examined.
LT PGcEM, PGdipEM

BUSC 520 The Art of Labour Negotiations
N1, N2 0.125 EFTS OL, OC 15 points
An intensive, experience-based paper looking at collective bargaining philosophy and law, conventions and ethics, strategies and tactics, practices and procedures. Participants will work through all of the processes in an intensive week of hands-on bargaining.
LT PGcEM, PGdipEM

BUSC 523 Corporate Sustainability
N1, N2 0.125 EFTS OL, OC 15 points
An intensive paper looking at sustainability and business in general, climate change, emissions trading, carbon and ecological footprints. The participants will work through key aspects in measuring and managing for sustainability.
LT PGcEM, PGdipEM

BUSC 524 Project Management
N1, N2 0.125 EFTS OL, OC 15 points
An intensive paper looking at a systematic presentation and analysis of the approaches, techniques and tools used in project management.
LT PGcEM, PGdipEM

BUSC 590 Business Project in Executive Management
N1 0.25 EFTS OL, OC 30 points
P Six BUSC papers
LT PGdipEM

BUSI 540 Professional Consulting Engagement
N1, N2, N3 0.5 EFTS OL, OC, DL 60 points
Students work with clients to understand their business and apply course materials to a real business problem. Both the ability to manage the project process and final report are marked.
LT MBA

Business Law

BLAW 211 Business Law Relating to Entities
S1 0.15 EFTS OL, OC 18 points
An introduction to New Zealand’s legal framework and the law of commercial transactions, different forms of business and the legal requirements relating to these organisations.
P 54 points from Commerce Schedule C
RL BA203, ACTB203
SC Commerce
Note: May not be taken concurrently with or after having passed LAWS 301, 304, 307 or 407.

BLAW 212 Business Law Relating to Obligations
S2 0.15 EFTS OL, OC 18 points
An introduction to the general law of contract, including property and insolvency.
P BLAW 211
RL BA202, ACTB202
SC Commerce
Note: May not be taken concurrently with or after having passed LAWS 202.

Business Studies

BSNS 111 Business and Society
S5, ES 0.15 EFTS OL, OC 18 points
Introduction to the business environment of New Zealand, including important defining characteristics, social and environmental implications of business decisions, and an appreciation of multi- and cultural frameworks as they affect business.
SC Commerce

BSNS 112 Interpreting Business Data
ES 0.15 EFTS OL, OC 18 points
Introduction to types of business decisions and selection of appropriate quantitative or qualitative data gathering techniques. Characteristics of data types, application of tools, interpretations of results and ethical issues.
R BSNS 102, STAT 110, 115
SC Commerce
Note: This is a required paper for BCom from 2017 (to be taken in place of BSNS 102 by students completing under earlier regulations).

BSNS 113 Economic Principles and Policy
ES 0.15 EFTS OL, OC 18 points
Introduction to concepts central to understanding market economies, including allocation of scarce resources, consumer and business reactions to changing market conditions, and the application of economic principles to personal and business decision-making.
R BSNS 104
SC Arts, and Music, Commerce, Science
Note: This is a required paper for BCom from 2017 (to be taken in place of BSNS 104 by students completing under earlier regulations).

BSNS 114 Financial Decision Making
ES 0.15 EFTS OL, OC 18 points
Introduction to some basic characteristics of financial markets. The time value of money, calculations of fair value for bonds and stocks, criteria for financing a business, risk-return trade-offs, regulatory frameworks and ethical considerations are included.
R BSNS 108
SC Commerce
Note: This is a required paper for BCom from 2017 (to be taken in place of BSNS 108 by students completing under earlier regulations).

BSNS 115 Accounting and Information Systems
ES 0.15 EFTS OL, OC 18 points
Introduction to financial and management accounting concepts, including reading and interpreting accounting statements and making internal business decisions. Using information systems and communication technology to manage data, with associated ethical issues.
R BSNS 107
SC Commerce
Note: This is a required paper for BCom from 2017 (to be taken in place of BSNS 107 by students completing under earlier regulations).

BSNS 301 Internship Practicum
ES, FY 0.15 EFTS OL, DL, DP 18 points
Internships are arranged for students to work fulltime for up to a year to engage in critical reflection of their experience. Most internships are expected to be outside the Otago region.
R 90 200-level points passed with an average grade of at least B
RL TOUR 307, MANT 370
LT BCom
SC Commerce
Note: Enrolment requires course approval from the Academic Leader of the Internship Programme, and no other papers may be taken concurrently without his or her approval. Students will not be permitted to enrol in BSNS 301 should completion of the paper coincide with completion of the student’s degree.

BSNS 401 The Environment of Business and Economics
S1 0.1667 EFTS OL, OC 20 points
Provides exposure to multi-cultural and international influences on business and global economics, including communications, governance, accountability and ethics. Designed to develop skills for graduates working in all international environments.
R BCom(Hons), MBusDataSc, MFinc, MiniBus, MProfAcct, MSusBus
Note: For BCom(Hons) students, this paper is intended only for those studying Accounting.
Cell and Molecular Biology

CELER 191 Cell and Molecular Biology
S1 0.15 EFTS OL, OC 18 points
An introduction to the biology of cells, fundamentals of molecular biology, organismal and molecular genetics, human genetic variation; diversity and biology of microorganisms; microbial virulence and disease processes.
R CELS 199 SC Science

CELER 199 Cell and Molecular Biology
S1 0.15 EFTS OL, OC, DP 18 points
An introduction to the biology of cells, fundamentals of molecular biology; organismal and molecular genetics; human genetic variation; diversity and biology of microorganisms; microbial virulence and disease processes.
R BIOL 111, CELS 191 SC Science

CHEM 111 Chemistry: Molecular Architecture
S2 0.15 EFTS OL, OC 18 points
An introduction to modern structural chemical science covering: states of matter, gas, liquid, solid, solutions, atomic structure, chemical bonding: stereochemistry, isomerism, conformational analysis; methods of structural determination: spectroscopy (electronic absorption, infrared, nuclear magnetic resonance), mass spectrometry, colloids.
SC Science
Note: It is strongly recommended that students enrolling in CHEM 111 have at least 14 credits in NCEA Level 3 Chemistry (or equivalent).

CHEM 150 Concepts in Chemistry
SS 0.15 EFTS OL, OC DL 18 points
Introduction to the core ideas and methods of chemistry, recommended for students with limited chemistry backgrounds. Topics include stoichiometry, equilibrium, thermodynamics, redox, acid-base chemistry and main group and organic chemistry.
SC Science
Note: (i) Students who have achieved 14 credits of NCEA Level 2 Chemistry or more, or any credits of NCEA Level 3 Chemistry (or their equivalents) will need Head of Department approval to enrol in the course. (ii) CHEM 150 cannot be credited to a degree if CHEM 191 or 111 has been passed previously. (iii) No other Summer School paper may be taken concurrently with CHEM 150.

CHEM 191 The Chemical Basis of Biology and Human Health
SS, S1 0.15 EFTS OL, OC, DP 18 points
An introduction to the concepts of chemistry underlying important processes in biology and human health, including chemical bonding, energetics, kinetics, equilibria and solubility, properties of water and solutions, acids, bases, coloration and electron transfer, mechanisms of organic reactions and properties of amino acids and carbohydrates.
R CHEM 112 SC Science

CHEM 201 Physical Chemistry and its Applications
S1 0.15 EFTS OL, OC 18 points
Fundamental physical chemistry and its application to chemical processes. Includes spectroscopy, quantum mechanics, thermodynamics, and kinetics.
P CHEM 111 or 191 (with a grade of at least B)
RP MATH 151 or 160 or 170
SC Science

CHEM 202 Organic Chemistry
S2 0.15 EFTS OL, OC 18 points
Introduction to organic synthesis, the synthesis of carbon frameworks and selective manipulation of functional groups. Stereochemical and structural features of synthesis and the structural characterisation of organic compounds.
P CHEM 111 or 191
RP CHEM 111, 191 SC Science

CHEM 203 Main Group and Coordination Chemistry
S2 0.15 EFTS OL, OC 18 points
Principles of main group chemistry illustrated by the chemistry of the main group and coordination compounds of the Main Group elements. Basic coordination chemistry: emphasising structure and bonding in coordination complexes. An introduction to lanthanides and to symmetry in chemistry.
P CHEM 111 or 112 or 191
RP CHEM 111 and (CHEM 112 or 191)
SC Science

CHEM 205 Biological Chemistry
S1 0.15 EFTS OL, OC 18 points
Bioenergetics of metabolism at a molecular level. Metabolism, coordination chemistry and its applications in biological systems. Chemistry of amino acids and peptide formation. Chemistry of nucleic acids, phosphate esters and enzyme reactions.
P CHEM 111 or 112 or 191
RP CHEM 111 and (CHEM 112 or 191)
SC Science

CHEM 206 Analytical Chemistry
S2 0.15 EFTS OL, OC 18 points
Fundamentals of quantitative analysis, including mass spectrometry, spectroscopy, electrochemistry, and separation methods. Applications of analytical chemistry are highlighted through examples in marine, forensic, environmental, and health-related fields.
P 18 100-level CHEM points and at least 72 further points
RP STAT 110 or 115
SC Science

CHEM 301 Physical Chemistry
SS 0.15 EFTS OL, OC 18 points
Principles underlying chemical structure, chemical bonding and quantum mechanics, spectroscopy, surface chemistry and colloids and electrochemistry.
P 18 200-level CHEM points
RP CHEM 201
SC Science

CHEM 302 Organic Chemistry
S2 0.15 EFTS OL, OC 18 points
Application of the principles of organic chemistry to an understanding of why organic compounds react as they do; to develop the ability to predict the course of a chemical reaction to allow for the design of controlled and selective chemical transformations.
P CHEM 202
SC Science

CHEM 303 Inorganic and Organometallic Chemistry
S1 0.15 EFTS OL, OC 18 points
Concepts of bonding, coordination chemistry, solid state structure and multinuclear NMR will be used to predict and rationalise the synthesis, structure and reactivity of inorganic and organometallic compounds.
P CHEM 202 or 203
RP CHEM 202, 203
SC Science

CHEM 304 Environmental Chemistry
S2 0.15 EFTS OL, OC 18 points
Chemistry of the lithosphere, atmosphere, and hydrosphere. Fate, transport, and biogeochemical cycling of inorganic and organic chemicals among the compartments of the Earth.
P 18 200-level CHEM points
R CHEM 204
RP CHEM 201
SC Science

CHEM 305 Biological Chemistry
S2 0.15 EFTS OL, OC 18 points
Application of fundamental chemistry principles to an understanding of chemical reactions and molecular structure in biological systems.
P 18 200-level CHEM points
RP CHEM 205
SC Science

CHEM 306 Forensic Chemistry
S2 0.15 EFTS OL, OC 18 points
Application of modern chemical analysis to practical scientific and technical situations, with particular emphasis on the legal evidence for use in the NZ legal system.
P FORS 201 or 18 200-level CHEM points
SC Science

CHEM 341-446 Topics in Advanced Chemistry
ES, FF 0.1667 EFTS OL 20 points each

CHEM 480 Research Project
FY 0.3333 EFTS OC 40 points
A supervised project involving research and leading to the production of a research report.
R CHEM 481
LP PGipSci

CHEM 490 Dissertation
FY 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons), PGipSci

CHEM 495 Master’s Thesis Preparation
FY 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the years prior to a Master’s degree by papers and thesis.
LT MSc

Child Health

CHHE 701 Community Child Health
ES 0.2 EFTS OL, DL 30 points
Community aspects of child health and child health services.
R CHHX 701
LT DCH, MHealSc, PGipHealSc
Note: A compulsory paper for DCH; may also be taken by other approved health professionals.

CHHE 702 Clinical Attachment in Paediatrics
ES 0.3 EFTS OL, DL, DP 90 points
Develops clinical knowledge, skills and attitudes concerning paediatrics and child health to a postgraduate level appropriate for a general practitioner with a special interest in children. Topics covered include neonatal paediatrics and general paediatrics in inpatient and outpatient settings.
R CHHX 702
LT DCH
L Wellington
Note: A compulsory paper for DCH, may also be taken by other approved medical graduates; every student must hold a current six-month clinical position in a medical paediatric department of an approved New Zealand hospital.
Children’s Issues

CHIC 401 Understanding Children and Childhood: Theory into Practice
NO 0.25 EFTS OL, DL, DP 30 points
A critical examination of historical and demographic trends, contemporary theoretical explorations of child development and well-being, and the practice framework of primary, secondary and tertiary levels of intervention with children/families/whanau.
R CHIK 401, 403

CHIC 402 Promoting Children’s Participation and Protection
NO 0.25 EFTS OL, DL, DP 30 points
Focuses on the interface between research, policy and practice, and critically examines the challenges faced by children/families/whanau when family transitions or abuse/violence occur. Considers how services and practitioners can effectively respond.
R CHIK 402, 404

CHIC 407 Child-Centred Practice
NO 0.25 EFTS OL, DL 30 points
An inter-disciplinary perspective on child-centred practice designed for professionals in education, health, law, social work and related disciplines who work with children, young people and their families.
P CHIC 401 or CHIC 401

CHIC 480 Research Study
ES 0.25 EFTS OL, DL, DP 30 points
Note: Admission requires approval from the Director of the Children’s Issues Centre.

CHIC 590 Research Dissertation
NI, N2 0.5 EFTS OC, DL 60 points
An advanced research dissertation of up to 20,000 words on an approved topic.
LT MA

Chinese

CHIN 131 Introductory Chinese 1
S1 0.15 EFTS OL, OC 18 points
An introductory course in reading, writing, speaking and listening to Chinese for students with no previous knowledge of the language. The paper takes an integrated approach to the skills of language acquisition and includes basic material on the cultural heritage of the Chinese people.
R CHIN 101 or 132 or any other more advanced Chinese language paper
SC Arts and Music
Note: This paper is for beginners only and is not available to students who have passed NCEA Level 2 or 3 (or equivalent) in Chinese. For further information, contact the Programme Coordinator (languages@otago.ac.nz).

CHIN 132 Introductory Chinese 2
S2 0.15 EFTS OL, OC 18 points
A continuation of CHIN 131, further developing students’ Chinese language skills in reading, writing, speaking and listening at an elementary level. The paper takes an integrated approach to the skills of language acquisition and includes basic material on the cultural heritage of the Chinese people.
R CHIN 101 or 132 or any other more advanced Chinese language paper
SC Arts and Music

CHIN 232 Intermediate Chinese 2
S2 0.15 EFTS OL, OC 18 points
A continuation from CHIN 231 of communicative language study.
P CHIN 231
R CHIN 212 or CHIN 334 or any other more advanced Chinese language paper
SC Arts and Music

CHIN 241 Contemporary Chinese Society
S1 0.15 EFTS OL, OC 18 points
An introduction to the socio-cultural dynamics of China’s transformations, drawing on anthropological perspectives to illuminate how critical issues such as urbanisation, religion, and gender are shaped by China’s past, its present, and global forces. Taught in English.
P 18 points
SC Arts and Music

CHIN 242 Screening Chinese Cinemas
NO 0.15 EFTS OL, OC, DL 18 points
Examination of Chinese cinematic practices, blockbusters, controversial documentaries, and digital microcinema with a focus on its contribution to world cinema. No knowledge of Chinese language is required.
P 36 points
R CHIN 342, CHIX 242, 342
SC Arts and Music
Note: At least one 100-level paper in CHIN, MFCO or ARTV is highly recommended.

CHIN 243 Reading Chinese Literature in the World
NO 0.15 EFTS OL, OC 18 points
An introduction to modern Chinese literature by exploring its contribution to world literature and its thematic and stylistic relations with other literatures. No knowledge of Chinese language is required.
P 36 points
R CHIN 204, 343
SC Arts and Music
Note: At least one 100-level CHIN or ENGL paper is highly recommended.

CHIN 244 Writing China: Texts, Ideas and History
S2 0.15 EFTS OL, OC 18 points
A cultural-historical approach to examining the transformations of the Chinese culture of writing in the modern world. The course is taught in English. No previous knowledge of Chinese is required.
P 36 points
R CHIN 204
SC Arts and Music
Note: At least one 100-level CHIN or HIST paper is highly recommended.

CHIN 250 Practical Chinese: Chinese/English Translation
S2 0.15 EFTS OL, OC 18 points
P 36 points
SC Arts and Music
Note: For CHIN 344 and 335.

CHIN 334 Advanced Chinese 1
S1 0.15 EFTS OL, OC 18 points
An extension of the communicative approach seeking to develop linguistic skills appropriate to students future career and social needs.
P CHIN 212 or 232
R CHIN 333 or 335 or any other more advanced Chinese language paper
SC Arts and Music

CHIN 335 Advanced Chinese 2
S2 0.15 EFTS OL, OC 18 points
An extension of the communicative approach seeking to develop linguistic skills appropriate to students future career and social needs.
P CHIN 334
R CHIN 331
SC Arts and Music

CHIN 342 Screening Chinese Cinemas
NO 0.15 EFTS OL, OC, DL 18 points
Examination of Chinese cinematic practices – blockbusters, controversial documentaries and digital microcinema with a focus on its contribution to world cinema. No knowledge of Chinese language is required.
P 18 200-level CHIN, MFCO, VISC points
R CHIN 242, CHIX 242, 342
SC Arts and Music

CHIN 344 Writing China: Texts, Ideas and History
S2 0.15 EFTS OL, OC 18 points
A cultural-historical approach to examining the transformations of the Chinese culture of writing in the modern world. The course is taught in English. No previous knowledge of Chinese is required.
P 18 200-level CHIN or HIST points
R CHIN 244
SC Arts and Music

CHIN 441 Advanced Topics in Chinese
ES 0.1667 EFTS OL, OC 20 points
Topics in Chinese language and culture, taught and examined in Chinese.

CHIN 451 Studies in Chinese
ES 0.1667 EFTS OC, DP 20 points
Studies in Chinese language and culture taken at a university in China.
LT BA(Hons), PGDipArts

CHIN 452 Studies in Chinese 2
ES 0.1667 EFTS OC, DP 20 points
Studies in Chinese language and culture taken at a university in China.
LT BA(Hons), PGDipArts

CHIN 490 Dissertation
ES 0.5 EFTS OC 60 points
A dissertation on an approved and individually supervised research topic in Chinese of up to 15,000 words if written in Chinese, or 20,000 words if written in English.
P CHIN 489
LT BA(Hons), PGDipArts

CHIN 590 Research Dissertation
NI, N2 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic, written in Chinese or English.
LT MA

Christian Thought and History

CHTH 102 The History of Christianity
S1 0.15 EFTS OL, OC, DL 18 points
A survey of the history of Christianity from 100 AD to the present day: from early formation to recent contexts in Nazi Germany, Soviet Russia and North America.
R CHTH 101, CHTX 101, 102
SC Arts and Music, Theology

CHTH 111 Doing Theology
S2 0.15 EFTS OL, OC, DL 18 points
What is theology? How do we do it, and why? Exploring Christian thinking on Jesus Christ, God, the Trinity, salvation, creation, and the last things.
R CHTX 111
SC Arts and Music, Theology

CHTH 131 God and Ethics in the Modern World
S2 0.15 EFTS OL, OC, DL 18 points
An introduction to Christian ethics in the modern world with particular attention to the major cultural shifts that have shaped contemporary thinking about God, ethics, religion and law.
R CHTX 131
SC Arts and Music, Theology
CHTH 206 The Reformation
S2 0.15 EFTS OL, OC, DL 18 points
The sixteenth-century Reformation broke apart western Christianity by focusing on powerful forces and intriguing personalities. This paper explores why and how that happened, and what it meant for the western world.

P 36 100-level points
R CTH 306, CTHX 206, 306
SC Arts and Music, Theology

CHTH 212 Spirit, Church and Sacraments
S1 0.15 EFTS OL, OC, DL 18 points
The central historical and contemporary debates concerning the person and role of the Holy Spirit; the nature and function of the church; baptism and the Lord’s Supper.

P One of CTHH 101, 102, 111, 131, CHTX 101, 102, 111, 131
R CTH 312, CHTX 212, 312
SC Arts and Music, Theology

CHTH 213 Issues in Theology: The Trinity
NO 0.15 EFTS OL, OC, DL 18 points
A special topic focusing on current issues and debates in Systematic Theology.

P One of CTHH 101, 111, 131, CHTX 101, 111, 131
R CTH 313, CHTX 212, 312
SC Arts and Music, Theology

CHTH 217 Special Topic
S2 0.15 EFTS OL, OC, DL 18 points

P 36 100-level points
R CHT 217
SC Arts and Music, Theology

Note: May not be credited together with CTHH 317 passed in 2019.

CHTH 218 The Person and Work of Christ
NO 0.15 EFTS OL, OC, DL 18 points
Who is Jesus and what is his significance? Considers Christian thinking about the person and work of Jesus from the early church to the present day.

P One of CTHH 101, 102, 111, 131, CHTX 101, 102, 111, 131
R CTH 211, 311, 318, CHTX 211, 311
SC Arts and Music, Theology

Note: May not be credited together with CTHH 217 or 317 passed in 2007, 2009 or 2011.

CHTH 221 Karl Barth and Public Theology
S1 0.15 EFTS OL, OC, DL 18 points
Examination of the public theology of Karl Barth, with particular attention to the biblical and confessional basis for Barth’s advocacy of social justice, participatory democracy and economic solidarity.

P 36 100-level points
R CHTH 321
SC Arts and Music, Theology

CHTH 231 Christianity, War and Violence
NO 0.15 EFTS OL, OC, DL 18 points
A systematic examination of the meaning of morality and the foundations of ethics in Scripture; an analysis of Christian conceptions of morality from various perspectives, an examination and analysis of particular ethical issues surrounding Christian involvement in war and responses to war and violence.

P 36 100-level points
R CHTH 331
SC Arts and Music, Theology

Note: May not be credited together with CTHH 313 or 411 passed in 2009.

CHTH 233 Public Theology: Faith in the Public Square
NO 0.15 EFTS OL, OC, DL 18 points
A critical study of the nature of Christian theology as public discourse: aims and methods, challenges and possibilities.

P 36 100-level points
R CHTH 333, CHTX 231, 331
SC Arts and Music, Theology

Note: May not be credited together with CHTH 313 or 411 passed in 2009.

CHTH 305 The Roots of Public Theology
NO 0.15 EFTS OL, OC, DL 18 points
The challenges posed by social reconfiguration in different countries in recent times, and their relevance to Christian Ethics and Public Theology.

P One 200-level CHTH or CHTX paper
R CHTH 405, CHTX 405
SC Arts and Music, Theology

CHTH 306 The Reformation (Advanced)
S2 0.15 EFTS OL, OC, DL 18 points
The sixteenth-century Reformation broke apart western Christianity. By focusing on powerful forces and intriguing personalities, this paper explores why and how that happened, and what it meant for the western world.

P One 200-level CHTH or CHTX paper
R CHTH 206, CHTX 206, 306
SC Arts and Music, Theology

CHTH 312 Spirit, Church and Sacraments (Advanced)
S1 0.15 EFTS OL, OC, DL 18 points
The central historical and contemporary debates concerning the person and role of the Holy Spirit; the nature and function of the church; baptism and the Lord’s Supper.

P One 200-level CHTH or CHTX paper
R CHTH 212, CHTX 212, 312
SC Arts and Music, Theology

CHTH 313 Issues in Theology: The Trinity (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
A special topic focusing on current issues and debates in Systematic Theology.

P One 200-level CHTH or CHTX paper
R CHTH 213, CHTX 213, 313
SC Arts and Music, Theology

Note: May not be credited together with CTHH 313 or 411 passed in 2005 or CHTH 316 or 412 passed in 2011.

CHTH 317 Special Topic
S2 0.15 EFTS OL, OC, DL 18 points

P 18 200-level points
R CHTX 317
SC Arts and Music, Theology

Note: May not be credited together with CHTH 217 passed in 2019.

CHTH 318 The Person and Work of Christ (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
Who is Jesus and what is his significance? Considers Christian thinking about the person and work of Jesus from the early church to the present day.

P One 200-level CHTH or CHTX paper
R CHTH 211, 218, 311, CHTX 211, 311
SC Arts and Music, Theology

Note: May not be credited together with CTHH 217 or 317 passed in 2007, 2009 or 2011.

CHTH 320 Public Theology and Social Justice
NO 0.15 EFTS OL, OC, DL 18 points
An examination of public theology’s contribution to social justice, through case studies of contemporary public issues such as poverty, family, violence, human trafficking, and environmental stewardship.

P One 200-level CHTH or CHTX paper
R CHTH 420
SC Arts and Music, Theology

CHTH 321 Karl Barth and Public Theology (Advanced)
S1 0.15 EFTS OL, OC, DL 18 points
Examination of the public theology of Karl Barth, with particular attention to the biblical and confessional basis for Barth’s advocacy of social justice, participatory democracy and economic solidarity.

P One 200-level CHTH or CHTX paper
R CHTH 221
SC Arts and Music, Theology

CHTH 322 Citizenship, Democracy and Discipleship
S1 0.15 EFTS OL, OC, DL 18 points
An investigation of Christian understandings of what it is to be human and their implications for human well-being in contemporary society.

P One 200-level CHTH or CHTX paper
R CHTH 423
SC Arts and Music, Theology

Note: May not be credited together with CTHH 215 or 315 passed before 2013.

CHTH 331 Christianity, War and Violence (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
A critical study of the nature of Christian theology as public discourse: aims and methods, challenges and possibilities.

P One 200-level CHTH or CHTX paper
R CHTH 233, 413, CHTX 233, 413
SC Arts and Music, Theology

Note: May not be credited with CTHX 313 or 411 passed in 2009.

CHTH 334 Theology, Money and Markets
NO 0.15 EFTS OL, OC, DL 18 points
The contribution of theology to an understanding of economics, including the role of markets; globalisation; wealth creation and distribution; equality; taxation; the global economic crisis of 2008 and 2009.

P One 200-level CHTH or CHTX paper
R CHTH 334
SC Arts and Music, Theology

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

CHTH 403 The Puritans: Working out the English Reformation
NO 0.1667 EFTS OL, DL 20 points
The nature, aspirations and theology of sixteenth and seventeenth-century English Puritans in their historical context, including those Puritans who moved to New England to build ‘a city on a hill’.

LT BTheol(Hons), BA(Hons), PGDipTheol, PGDipArts

Prescriptions

Key

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; N: not offered; expected to be offered in the year noted; DL: Paper supported by online learning management system; O: Paper is available on campus; DP: Paper is available by distance learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
### Prescriptions

<table>
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<th>Course Code</th>
<th>Title</th>
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### Classical Studies

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<td>CLAS 232</td>
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<td>CLAS 238</td>
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<td>CLAS 242</td>
<td>Living and Dying in Classical Athens</td>
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<td>CLAS 330</td>
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### Notes
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**CLAS 354** Comparative Mythology  
**NO** 0.15 EFTS OL, OC 18 points  
A comparative study of myths and rituals in the ancient Greek and Near Eastern worlds.  
P 18 200-level CLAS, GREK or LATN points  
R CLAS 404  
SC Arts and Music  
**Notes:** (i) May not be credited together with CLAS 330 passed prior to 2011. (ii) Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.  

**CLAS 380** Directed Study in Ancient Greek or Latin Language  
**ES** 0.15 EFTS OL, OC DP 18 points  
Intensive study of an ancient Greek or Latin literary work in the original language, culminating in an extended research essay on a related topic.  
P GREK 212 or LATN 212  
SC Arts and Music  
**Note:** Enrolments for this paper require approval from the Head of Department. Please contact the department before selecting this paper.

**CLAS 347** Cicero and Roman Oratory  
**NO** 0.1667 EFTS OL, OC 20 points  
Cicero's speeches, their persuasive techniques, and the role of oratory in Roman society.  
P 72 200-level CLAS, GREK or LATN points  
R CLAS 337  
**Note:** Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

**CLAS 440** Advanced Studies in Socrates and Plato  
**NO** 0.1667 EFTS OL, OC 20 points  
An advanced study of the philosophy of Socrates and Plato. Topics covered include love, death, the soul, virtue, knowledge, happiness, and the nature of reality.  
P 72 300-level CLAS, GREK or LATN points or 36 PHIL points at 200-level or above  
R CLAS 340

**CLAS 441** Advanced Studies in Alexander's Successors  
**S1** 0.1667 EFTS OL, OC 20 points  
An advanced study of the decades after Alexander's death. Topics covered include historical sources, military tactics, chronology, Hellenistic kingship, ancient coinage.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 341

**CLAS 442** Advanced Studies in Ancient Greek Religion  
**S1** 0.1667 EFTS OL, OC 20 points  
An advanced study of the stories told by the ancient Greeks about their gods, and the ways in which these deities were worshipped in their religious system.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 342

**CLAS 443** Archaeology, History and the End of Rome  
**S2** 0.1667 EFTS OL, OC 20 points  
An advanced investigation into the relationship between contemporary perspectives on the end of the Roman Empire and the archaeological and historical sources.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 343

**CLAS 444** From Augustus to Nero: Advanced Studies  
**NO** 0.1667 EFTS OL, OC 20 points  
An advanced study of the literary and archaeological sources that document the rise to power of the Julio-Claudian emperors.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 344  
LT BA(Hons), PGDipArts

**CLAS 454** Comparative Mythology  
**NO** 0.1667 EFTS OL, OC 20 points  
A comparative study of myths and rituals in the ancient Greek and Near Eastern worlds.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 354  
**Notes:** (i) May not be credited together with CLAS 330 passed prior to 2011. (ii) Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.  

**CLAS 460** Special Topic  
**NO** 0.1667 EFTS OL, OC 20 points  
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

**CLAS 480** Research Paper  
**FY** 0.1667 EFTS OL, OC 20 points  
Supervised research on an approved topic in Classical Studies, Greek or Latin.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 490  
LT BA(Hons), PGDipArts

**CLAS 490** Dissertation  
**FY** 0.5 EFTS OL, OC 60 points  
Supervised research on an approved topic in Classical Studies, Greek or Latin.  
P 72 300-level CLAS, GREK or LATN points  
R CLAS 480  
LT BA(Hons), PGDipArts

**CLAS 590** Research Dissertation  
**N1, N2** 0.5 EFTS OC, DL 60 points  
A supervised research dissertation of up to 20,000 words on an approved topic.  
LT MA

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**Clinical Dentistry**  
**CLDN 910** Research Evaluation and Design  
**N1** 0.5 EFTS OL 60 points  
Scientific basis of dental research, design and completion of a research protocol.  
LT DCinDent

**CLDN 911** Research Evaluation and Design  
**N1** 0.25 EFTS OL, OC 60 points  
LT DCinDent

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**Clothing and Textile Sciences**  
**CLTE 303** Structural Properties of Materials and Products  
**S1** 0.15 EFTS OL, OC 18 points  
Structural properties of materials including drape, handle, overfold, shear, elasticity and their applications. Sensory and instrumental approaches will be used.  
P CLTE 203  
RP STAT 110  
SC Science

**CLTE 304** Textiles as Material Culture  
**S1** 0.15 EFTS OL, OC 18 points  
Technical, cultural and historical analysis of dress communication, material culture, dress in museums.  
P CLTE 204  
SC Science

**CLTE 305** Materials and the Human  
**S2** 0.15 EFTS OL, OC 18 points  
Properties of selected fabric and fabric assemblies, and the importance of these properties to interactions between materials and the human body.  
P CLTE 203  
RP STAT 110 and 18 PHSL points  
SC Science

**CLTE 306** Project in Clothing and Textile Sciences  
**S2** 0.15 EFTS OL, OC 18 points  
PC 36 300-level CLTE points  
SC Science

**CLTE 309** Special Topic  
**FY** 0.15 EFTS OL, OC, DP 18 points  
Special topic in Clothing and Textile Sciences.  
SC Science  
**Note:** Admission is subject to approval from the Section Leader, Clothing and Textile Sciences.

**CLTE 451** Physical Properties of Clothing and Textiles  
**NO** 0.1667 EFTS OL, OC, DL 20 points  
Interactions of clothing and materials with the human body. Selected topics including water/fabric relationships, leather, composites, textile modelling, conservation.  
R CLTX 451

**CLTE 452** Social Aspects of Clothing and Textiles  
**NO** 0.1667 EFTS OL, OC, DL 20 points  
R CLTX 452

**CLTE 453** Research Methods  
**NO** 0.1667 EFTS OL, OC, DL 20 points  
Evaluation and application of methods in clothing and materials research.  
R CLTX 453, DETE 401, BIOE 401

**CLTE 454** Clothing, Materials, and Workplace Injury  
**NO** 0.1667 EFTS OL, OC, DL 20 points  
Materials and the design of clothing assemblies for reducing the severity and rate of workplace injury. International and national standards, legal requirements, New Zealand case studies.  
R CLTX 454

**CLTE 455** Topic in Advanced Clothing and Textile Sciences  
**NO** 0.1667 EFTS OL, OC, DL 20 points  
Details of this paper are available from the Section Leader, Clothing and Textile Sciences.  
R CLTX 455

**CLTE 460** Cooperative Education Programme  
**NO** 0.1667 EFTS OL, OC, DL 40 points  
An industry-based project.  
R APPS 499, CLTX 460

**CLTE 480** Research Project  
**NO** 0.3333 EFTS OL, OC, DL 40 points  
A supervised project involving research and leading to the production of a research report.  
R CLTX 480  
LT PGDipAppSc, PGDipSci

**CLTE 490** Dissertation  
**NO** 0.5 EFTS OL, OC, DL 60 points  
A supervised project involving original research and leading to the production of a dissertation.  
R CLTX 490  
LT BAppSc(Hons), BSc(Hons), PGDipAppSc, PGDipSci

**CLTE 495** Master's Thesis Preparation  
**NO** 0.3333 EFTS OL, OC, DL 40 points  
Preparation of a thesis proposal/preliminary thesis research.  
R CLTX 495  
LT MSC  
**Note:** In the case of part-time students it is recommended that students take at least two 400-level taught papers before enrolling in CLTE 495.

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**Key**

S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods*; ND: not offered in 2019; NO (2000): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; R: Corequisite; RP: Prerequisite or corequisite; RC: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers.
Cognitive-Behaviour Therapy

COBE 401 Cognitive-Behaviour Therapy
0.5 EFTS OC 60 points
Application of Cognitive Behaviour Therapy to common mental health disorders, anxiety, depression, substance abuse and psychotic disorders. Participants are required to be employed by a DHMB, PHO or NGO in a supervised clinical mental health setting.

Note: Admission to COBE 401 in any year is subject to approval. Please contact maria.fitzmaurice@otago.ac.nz for more information.

COBE 404 Advanced Topics in Cognitive Behaviour Therapy
0.5 EFTS DL 60 points
Advanced Cognitive Behaviour Therapy training in assessment and interventions with complex cases in mental health and addictions.

P COBE 401
LT MHealSc, PGDipHealSc

Notes: (i) Students who have not completed the normal prerequisite may enrol in the paper with the approval of the Head of the Department of Psychological Medicine, Wellington, according to ability and qualifications. This approval will be granted only to applicants who already have training in cognitive behaviour therapy that is equal to or exceeds the content, level and value of COBE 401. (ii) The paper includes three residential block courses in Wellington, each one week in duration. (iii) Students must be working at least 0.6 FTE in a mental health setting in order to have access to patients to complete practical work.

Community Health Care

CMHC 201 Human Health Across the Lifespan
0.15 EFTS OL, OC 18 points
A foundational introduction to human health and development across the lifespan integrating the basic sciences, health psychology, ethics and communication.

P HUBS 191, 192
SC Arts and Music, Science

CMHC 211 Disability and Health I
0.15 EFTS OL, OC 18 points
Understanding the perspectives of disabled people and people living with long-term conditions and the health and social support systems they will need to access. Relevant to generic non-professional roles within the wider healthcare industry.

P EDUC 105 and 90 further points
SC Arts and Music

CMHC 301 Applied Aspects of Human Health
0.15 EFTS OL, OC 18 points
Approaches a selection of key health issues, integrating basic sciences, health psychology, ethics and communication.

P CMHC 201
SC Arts and Music

Computational Modelling

COMO 101 Modelling and Computation
0.15 EFTS OL, OC 18 points
An introduction to mathematical and computational modelling with applications in science, engineering, biomedicine and industry. Topics include the translation of observations into mathematical models, and the use of simulation and numerical methods to evaluate and apply the models.

P COMO 103
SC Science

COMO 204 Differential Equations
0.15 EFTS OL, OC 18 points
Ordinary differential equations for modelling physical and other phenomena. Complementary mathematical approaches for solving ordinary differential equations, including analytical methods, graphical analysis and numerical techniques.

P MATH 170
R MATH 262
SC Science

COMO 303 Numerical Methods
0.15 EFTS OL, OC 18 points
Develops the theory and techniques required to apply computational methods in modelling, applied mathematics, and data analysis. Topics include matrix computation, data fitting, and the numerical solution of differential equations.

P MATH 202
R MATH 261
RP COMO 204
SC Science

Computer and Information Science

COMP 101 Foundations of Information Systems
0.15 EFTS OL, OC 18 points
Introduction to information systems for the management and exploitation of data and information, and to relational databases.

R BSNS 106
SC Arts and Music, Commerce, Science

COMP 102 Practical Data Science
0.15 EFTS OL, OC 18 points
An introduction to the techniques used to prepare, integrate, manage and visualise complex data using modern software environments. Essential to students needing to manage data in science, business, or humanities.

SC Arts and Music, Commerce, Science

COMP 150 Practical Programming
0.15 EFTS OL, OC 18 points
An introduction to the basics of programming using the Python programming language, with an emphasis on practical topics. Suitable both for students who do not intend to major in Computer Science, and as preparation for COMP 160.

SC Arts and Music, Commerce, Science

COMP 160 General Programming
0.15 EFTS OL, OC 18 points
An introduction to the art and craft of computer programming and object-oriented design using Java. A first look at building graphical applications.

R COMP 103
RP COMP 150
SC Arts and Music, Commerce, Science

COMP 210 Information Assurance
0.15 EFTS OL, OC 18 points
Security policy, access control techniques, biometrics, intrusion monitoring, malicious code, communications security (cryptography), physical security, electronic forensics, mobile phone issues, and continuity and resiliency planning.

P 36 100-level points
R INFO 393, 403
SC Arts and Music, Commerce, Science

Note for COMP 270, 371-373 and 396: Available only for the Information and Communications Technology endorsement for DipGrad.

COMP 270 ICT Fundamentals
0.125 EFTS OL, OC, DP 15 points
An introduction to the ICT industry, including the study of two of the following topics: foundations of information systems, web design, computer programming and human-computer interaction.

LT DipGrad
SC Arts and Music, Commerce, Science
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Prerequisite</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>COSC 212</td>
<td>Web Application Development</td>
<td>P COMP 103, 160</td>
<td>Digital logic and circuits, micro-programming, and assembler language concepts, characteristics of operating systems, file systems, and resource allocation; Unix and its variants.</td>
</tr>
<tr>
<td>COSC 242</td>
<td>Algorithms and Data Structures</td>
<td>P COMP 103, 160</td>
<td>Programming in C; structured data types including hash tables, trees, and graphs; analysis of standard sorting and searching algorithms; greedy algorithms and dynamic programming.</td>
</tr>
<tr>
<td>COSC 243</td>
<td>Computer Architecture and Operating Systems</td>
<td>P COMP 103, 160</td>
<td>Digital logic and circuits, micro-programming, and assembler language concepts, characteristics of operating systems, file systems, and resource allocation; Unix and its variants.</td>
</tr>
<tr>
<td>COSC 244</td>
<td>Data-communications, Networks, Internet</td>
<td>P COMP 103, 160</td>
<td>Fundamental aspects of communication between computing devices; networks; protocols; structure and use of the Internet; security and ethical issues.</td>
</tr>
<tr>
<td>COSC 301</td>
<td>Network Management</td>
<td>P COMP 103, 160</td>
<td>Network addressing schemes; network design, and deployment; router configuration; installation and maintenance of network applications; network management protocols; network performance and reliability; secret and public key cryptography; digital signatures and authentication; security and privacy considerations.</td>
</tr>
<tr>
<td>COSC 341</td>
<td>Theory of Computing</td>
<td>P COMP 103, 160</td>
<td>Finite state machines, Turing machines, limits to computation and effective procedures, recursive functions and predicates, notions of complexity, and completeness.</td>
</tr>
<tr>
<td>COSC 343</td>
<td>Artificial Intelligence</td>
<td>P COMP 103, 160</td>
<td>An introduction to modern AI representation systems and problem solving techniques.</td>
</tr>
<tr>
<td>COSC 344</td>
<td>Database Theory and Applications</td>
<td>P COMP 103, 160</td>
<td>The development of large-scale, reliable, and maintainable software systems.</td>
</tr>
<tr>
<td>COSC 349</td>
<td>Cloud Computing Architecture</td>
<td>P COMP 103, 160</td>
<td>The fundamental principles and technologies used to build cloud computing platforms and applications hosted in the cloud.</td>
</tr>
<tr>
<td>COSC 360</td>
<td>Computer Game Design</td>
<td>P COMP 103, 160</td>
<td>An introduction to the interdisciplinary field of computer game design, with an emphasis on technical skills. Topics include game critique, game design, programming, visual and audio design, and interactive storytelling.</td>
</tr>
<tr>
<td>COSC 402</td>
<td>Advanced Computer Networks</td>
<td>P COMP 103, 160</td>
<td>InterNetworking concepts; IP addressing; address resolution techniques; IP datagrams; IP encapsulation, fragmentation, and reassembly; TCP and UDP, the socket interface; IP routing, network mail, IP version 6, TCP/IP network planning multimedia and IP.</td>
</tr>
<tr>
<td>COSC 410</td>
<td>Logic for Artificial Intelligence</td>
<td>P COMP 103, 160</td>
<td>Classical propositional logic, meta-theorems, semantics and proof theory; nonmonotonic logic; belief change theory; satisfiability in monadic and first-order logic; automated reasoning algorithms and SAT-solvers.</td>
</tr>
<tr>
<td>COSC 411</td>
<td>Combinatorial Game Theory</td>
<td>P COMP 103, 160</td>
<td>The theory of games of perfect information between two players without random elements, and algorithms for determining how to play them.</td>
</tr>
<tr>
<td>COSC 420</td>
<td>Neural Networks</td>
<td>P COMP 103, 160</td>
<td>Introduction to neural networks - computational tools inspired by the brain - which give a different perspective on the nature of computation and complex topics such as vision, language, learning and memory.</td>
</tr>
<tr>
<td>COSC 421</td>
<td>Neural Models of Language</td>
<td>P COMP 103, 160</td>
<td>Introduction to models of how human language is implemented in the brain, drawing on research in linguistics, psychology, neuroscience and computational modelling.</td>
</tr>
<tr>
<td>COSC 430</td>
<td>Advanced Database Topics</td>
<td>P COMP 103, 160</td>
<td>The theory and practice of database design and administration. Survey of research in the database field, such as data mining, multidimensional indexing, temporal databases, and distributed database architectures.</td>
</tr>
<tr>
<td>COSC 431</td>
<td>Information Retrieval</td>
<td>P COMP 103, 160</td>
<td>Concepts, principles, and algorithms in information retrieval and text processing.</td>
</tr>
<tr>
<td>COSC 440</td>
<td>Advanced Operating Systems</td>
<td>P COMP 103, 160</td>
<td>The theory and practice of concurrent programming, including locks, transactional memory, and message passing; multithreaded and distributed systems; and specification and testing of protocols.</td>
</tr>
<tr>
<td>COSC 441</td>
<td>Concurrent Programming</td>
<td>P COMP 103, 160</td>
<td>Theory and practice of concurrent programming, including locks, transactional memory, and message passing; multithreaded and distributed systems; and specification and testing of protocols.</td>
</tr>
<tr>
<td>COSC 450</td>
<td>Computer Vision and Graphics</td>
<td>P COMP 103, 160</td>
<td>Selected recent research topics in computer vision and computer graphics.</td>
</tr>
<tr>
<td>COSC 470</td>
<td>Special Topic: Machine Learning</td>
<td>P COMP 103, 160</td>
<td>Selected research topics in machine learning.</td>
</tr>
<tr>
<td>COSC 471</td>
<td>Approved Special Paper</td>
<td>P COMP 103, 160</td>
<td>An approved project on a topic in computer science.</td>
</tr>
<tr>
<td>COSC 480</td>
<td>Applied Project</td>
<td>P COMP 103, 160</td>
<td>An approved project on a topic in computer science.</td>
</tr>
</tbody>
</table>

Key:
- S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; N: not offered in 2019; NO (N0): not offered; OL: Paper supported by online learning management system; OC: Paper is available on campus; DP: Paper is available by Distance Learning; RP: Recommended concurrent study; SC: Recommended preparation; RC: Recommended concurrent study; LC: Location paper is taught at, or from; LT: Limited to; RP: Recommended preparation; SC: Schedule C; L: Location paper is taught at, or from; Dunedin.

Use page 128 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers.
D

Dance Studies

DANC 101 Dance and Popular Culture
S1 0.15 EFTS OL, OC 18 points
An examination of the role of dance in popular culture in local and global contexts through integrated theory and choreographic exploration.
SC Arts and Music

DANC 201 Contemporary Dance Fusions
S1 0.15 EFTS OL, OC 18 points
An examination of the choreographic processes, aesthetic fusions and artistic vision of key contemporary choreographers of the 20th and 21st centuries.
P DANC 101 or THEA 153 or PERF 204, 304, DANC 304
SC Arts and Music

DANC 204 Dance for Musical Theatre
NO 0.15 EFTS OL, OC 18 points
The artistic qualities and techniques of dance in musical theatre explored through integrated theory and practice.
P DANC 101 or THEA 153 or 18 further 200-level courses in MUSI, DANC, THEA, or PERF
SC Arts and Music

DANC 304 Dance for Musical Theatre
NO 0.15 EFTS OL, OC 18 points
The artistic qualities and techniques of dance in musical theatre explored through integrated theory and practice.
P (DANC 101 or THEA 153) and 18 200-level courses in MUSI, DANC, THEA or PERF
R PERF 204, 304, DANC 204
SC Arts and Music

Dental Technology

DTEC 101 Dental Materials 1
FY 0.15 EFTS OC 18 points
The physical and biological properties of materials important in the practice of dental technology.
LT BDentTech

DTEC 102 Dental Technology 1
FY 0.425 EFTS OL, OC 51 points
Tooth morphology and the design and construction of complete removable dentures.
LT BDentTech

DTEC 103 Oral Health Sciences for Dental Technology
S1 0.125 EFTS OL, OC 15 points
An introduction to the structure and function of tissues in the oral region. Principles of microbiology, immunology and pathology with emphasis on their relevance to the practice of dental technology.
LT BDentTech

DTEC 105 Dental Materials 3
FY 0.2 EFTS OL, OC 30 points
The physical and biological properties of materials important in the practice of dental technology with advanced study of ceramic and polymer technology.
P CHEM 191, PHSI 191
LT BDentTech

DTEC 201 Dental Materials 2
FY 0.15 EFTS OL, OC 18 points
An advanced study of metal, ceramic, polymer and glass technology important in the practice of dental technology.
P DTEC 101, CHEM 191, PHSI 191
LT BDentTech

DTEC 202 Dental Technology 2
FY 0.375 EFTS OL, OC 45 points
The design and construction of partial removable dentures.
P DTEC 101, 102, 103
LT BDentTech, BdTech(Hons)

DTEC 203 Dental Technology 3
FY 0.375 EFTS OL, OC 45 points
The design and construction of orthodontic appliances and conservative restorations.
P DTEC 101, 102, 103
LT BDentTech, BdTech(Hons)

DTEC 204 Applied Design for Orthodontics
FY 0.1 EFTS OL, OC 12 points
The design and construction of orthodontic and related appliances.
P DTEC 101, 102, 103
R DENT 213
LT BDentTech

DTEC 205 Dental Materials 4
S1 0.05 EFTS OL, OC 6 points
An advanced study of metals important to the practice of dental technology.
P DTEC 105
R BDentTech(Hons)

DTEC 301 Special Topic: Dental Technology Research
FY 0.375 EFTS OL, OC 45 points
An introduction to the principles of research and critical literature evaluation followed by structured research exercises.
P DTEC 201
LT BDentTech

DTEC 302 Dental Technology 4
FY 0.375 EFTS OL, OC 45 points
The design and construction of complex appliances used in conservative restorations, maxillofacial reconstruction and implant restorations.
P DTEC 201, 202, 203
LT BDentTech, BdTech(Hons)

DTEC 303 Practice Management
FY 0.1 EFTS OL, OC 12 points
The legal responsibilities, professional bodies, professional conduct and business management involved in operating a dental laboratory including one week of experiential placement in a dental laboratory or clinical dental laboratory.
P (DTEC 201, 202, 203, 204) or (DTEC 102, 103, 105, 204, MATH 205)
LT BDentTech, BdTech(Hons)

DTEC 401 Complete Denture Prosthodontics
N1 0.375 EFTS OL, OC 45 points
Treatment of patients who have no natural teeth with complete removable dentures.
LT PDipCDentTech

DTEC 402 Partial Denture Prosthodontics
N1 0.375 EFTS OL, OC 45 points
Planning and management of patients requiring tooth replacement with removable prostheses.
LT PDipCDentTech

DTEC 403 Dental Health
N1 0.25 EFTS OC 30 points
Knowledge and competencies necessary for the safe treatment of patients.
LT PDipCDentTech

DTEC 490 Dental Technology Research 3
N1 1.0 EFTS OL, OC 120 points
Data collection and analysis with emphasis on statistical analysis for research in dental technology and biomaterials science. Overview of research techniques. Literature review, research proposal, research project and presentation of dissertation.
P DTEC 201, 302, 303
LT BDentTech(Hons)

DTEC 491 Dental Technology Research 1
S2 0.1 EFTS OL, OC 25 points
Data collection and analysis with emphasis on statistical analysis for research in dental technology and biomaterials science. Overview of research techniques. Preparation of research proposal with literature.
P DTEC 105
LT BDentTech(Hons)

DTEC 492 Dental Technology Research 2
N1 0.625 EFTS OL, OC 95 points
Further development of research project and analysis. Completion of research project and presentation of dissertation.
P DTEC 491
LT BDentTech(Hons)

DTEC 501 Advanced Dental Materials Science
N1 0.5 EFTS OL, OC 60 points
Advanced scientific principles underpinning dental materials science, including methods of analysis, design and testing of dental materials.
LT MDentTech, PDipDentTech

DTEC 502 Advanced Fixed Prosthodontic Techniques
N1 0.25 EFTS OL, OC 30 points
Selected topics in advanced fixed prosthodontic techniques.
LT MDentTech, PDipDentTech

DTEC 503 Advanced Implant Prosthodontic Techniques
N1 0.25 EFTS OL, OC 30 points
Selected topics in advanced implant prosthodontic techniques.
LT MDentTech, PDipDentTech

DTEC 505 Topics in Advanced Dental Technology
N1 0.25 EFTS OL, OC 30 points
Selected topics in advanced dental technology.
LT MDentTech, PDipDentTech
### Dental Therapy

**DTHR 401 Dental Therapy Clinical Practice**
- **NO**: 0.25 EFTS OC 30 points
- Advanced understanding and practice of clinical dental therapy based on current scientific knowledge and evidence-based oral health care.
- **LT**: PGDipDentTher

**DTHR 402 Dental Therapy Management Practice**
- **NO**: 0.25 EFTS OL OC 30 points
- Co-ordination of knowledge of oral health care and public health to gain an understanding and skills in management and evaluation of oral health programmes for patient, community and population groups based on sound scientific, clinical outcome and financial bases.
- **LT**: PGDipDentTher

**DTHR 403 Dental Therapy Practice Project**
- **NO**: 0.25 EFTS OC 30 points
- Planning and carrying out of a project related to dental therapy practice involving the knowledge and skills developed in papers DTHR 401, 402 and 404.
- **LT**: PGDipDentTher

**DTHR 404 Dental Public Health**
- **NO**: 0.25 EFTS OL OC 30 points
- Advanced knowledge of oral health and oral health care in New Zealand and international contexts. Knowledge and understanding of the concepts and practice of public dental health and its role in New Zealand society, including the principles of the Treaty of Waitangi and the Ottawa Charter for Health Promotion. Introduction to oral health epidemiology and the planning of oral health services.
- **LT**: PGDipDentTher

### Dentistry

**DENT 261 The Dentist and the Patient 1**
- **FY**: 0.26 EFTS OL OC 33 points
- **LT**: BDS

**DENT 262 Biomedical Sciences 1**
- **FY**: 0.57 EFTS OL OC 72 points
- Biomedical sciences relevant to dentistry with particular emphasis on the structure and function of the craniofacial complex, oral and dental tissues and their interactions with the environment.
- **LT**: BDS

**DENT 263 The Dentist and the Community 1**
- **FY**: 0.12 EFTS OL OC 15 points
- An introduction to ethics and communication in dentistry, public health issues related to dentistry, and the prevention of dental diseases.
- **LT**: BDS

**DENT 361 The Dentist and the Patient 2**
- **FY**: 0.6 EFTS OL OC 72 points
- An introduction to treatment planning, preventive and restorative management of patients with problems arising from dental caries, dental trauma or due to pathology of the pulp, periapex or periodontium.
- **LT**: BDS

**DENT 362 Biomedical Sciences 2**
- **FY**: 0.3 EFTS OL OC 36 points
- Biomedical sciences relevant to dentistry with particular emphasis on disease processes, diagnosis and principles of management of medical and surgical conditions. Diseases of the oral region. Human growth and ageing.
- **LT**: BDS

**DENT 363 The Dentist and the Community 2**
- **S2**: 0.1 EFTS OL OC 12 points
- **LT**: BDS

**DENT 364 Dentistry in the New Zealand Context**
- **S2**: 0.6 EFTS OL OC 72 points
- An introduction to clinical and community dentistry in the New Zealand setting and overview of the biomedical sciences that underpin dentistry.
- **R**: DENT 361, 362, 363
- **LT**: BDS

**DENT 461 The Dentist and the Patient 3**
- **FY**: 0.75 EFTS OL OC 90 points
- Comprehensive multi-disciplinary treatment planning, preventive, restorative, prosthodontic and surgical management of patients of all ages with dental problems arising from caries, trauma, malocclusion or other pathology of the oral tissues.
- **LT**: BDS

**DENT 462 Biomedical Sciences 3**
- **S1**: 0.15 EFTS OL OC 18 points
- Advanced biomedical sciences to underpin modern sophisticated management of dental diseases and diseases of the oral region.
- **LT**: BDS

**DENT 463 The Dentist and the Community 3**
- **S2**: 0.1 EFTS OL OC 12 points
- Health promotion and education, health services and systems; ethics in public health and health research.
- **LT**: BDS

**DENT 551 The Dentist and the Patient 4**
- **FY**: 0.6 EFTS OL OC 72 points
- Contemporary evidence based clinical general dentistry involving delivery of general practice dentistry to an individual and the community.
- **R**: DENT 560
- **LT**: BDS

**DENT 552 Biomedical Sciences 4**
- **FY**: 0.15 EFTS OL OC 18 points
- Research analysis. Completion of a research project and presentation of a research report.
- **R**: DENT 560
- **LT**: BDS

**DENT 553 The Dentist and the Community 4**
- **FY**: 0.25 EFTS OL OC 30 points
- Clinical experience in a community placement with the provision of oral care that is both culturally acceptable and appropriate.
- **R**: DENT 560
- **LT**: BDS

**DENT 561 General Practice Dentistry for Honours**
- **FY**: 0.5 EFTS OL OC 72 points
- Preparation for independent clinical practice involving the delivery of general practice dentistry to an individual and the community.
- **LT**: BDS(hons)

**DENT 562 Contemporary Dentistry**
- **FY**: 0.1667 EFTS OL OC 24 points
- Research-informed learning related to the practice of contemporary evidence-based general dental practice and professional development.
- **LT**: BDS(hons)

**DENT 571 The Dentist and the Patient 4**
- **FY**: 0.6 EFTS OL OC 72 points
- Contemporary evidence-based clinical general dentistry involving delivery of general practice dentistry to an individual and the community.

**DENT 580 Dental Honours Research Project 1**
- **N1**: 0.0833 EFTS OL OC 12 points
- Overview of research techniques. Preparation of research proposal with literature review.
- **LT**: BDS(hons)

**DENT 581 Dental Honours Research Project 2**
- **FY**: 0.25 EFTS OL OC 36 points
- Data collection and analysis. Completion of research project and presentation of research report.
- **LT**: BDS(hons)

### Dentistry (Oral Health)

**DEOH 101 The Body and Its Environment**
- **S2**: 0.125 EFTS OL OC 15 points
- An introduction to anatomy, physiology and nutrition of the human body relevant to clinical oral health practice. Principles of microbiology and immunology.
- **LT**: BOH

**DEOH 102 The Oral Environment: Health and Disease**
- **S1**: 0.125 EFTS OL OC 15 points
- The development and structure of oral and dental tissues and their interactions with the oral environment. Applied clinical anatomy.
- **LT**: BOH

**DEOH 103 Oral Informatics**
- **S1**: 0.117 EFTS OL OC 14 points
- The principles of acquisition, evaluation and use of information for oral health education, health service delivery, clinical practice and research. The use of computers and their broad applications including professional management.
- **LT**: BOH

**DEOH 104 Clinical Oral Health Practice**
- **FY**: 0.475 EFTS OL OC 57 points
- An introduction to the clinical procedures used for the treatment of patients in oral health therapy practice.
- **LT**: BOH

**DEOH 201 Human Disease and Pharmacology**
- **S1**: 0.117 EFTS OL OC 14 points
- The basis of human disease and its management relevant to the practice of dental hygiene and dental therapy. Understanding of disease processes and their implications for oral health therapists.
- **LT**: BOH

**DEOH 202 Oral Health Therapy 1**
- **FY**: 0.292 EFTS OC 35 points
- The principles and practice of dental hygiene.
- **LT**: BOH

**DEOH 203 Oral Health Therapy 2**
- **FY**: 0.292 EFTS OC 35 points
- The principles and practice of dental therapy.
- **LT**: BOH

**DEOH 301 Community Oral Health and Oral Health Promotion**
- **S1**: 0.125 EFTS OL OC 15 points
- Issues in improving the oral health of the population.
- **LT**: BOH

**DEOH 302 Advanced Oral Health Therapy 1**
- **FY**: 0.375 EFTS OL OC 45 points
- Advanced clinical dental hygiene practice.
- **LT**: BOH

**DEOH 303 Advanced Oral Health Therapy 2**
- **FY**: 0.375 EFTS OL OC 45 points
- Advanced clinical dental therapy practice.
- **LT**: BOH

**DEOH 304 Applied Oral Health Research**
- **FY**: 0.125 EFTS OL OC 15 points
- The principles of oral health research and critical literature evaluation. Development of a research project and presentation of a brief research report.
- **LT**: BOH

### Key
- **S1**: first semester; **S2**: second semester; **ES**: each semester; **FY**: full year; **SS**: Summer School; **N1-5**: non-standard periods; **ND**: not offered in 2019; **NO (20XX)**: not offered, expected to be offered in the year noted; **OL**: Paper supported by online learning management system; **OC**: Paper is available on campus; **DIL**: Paper is available by Distance Learning; **DP**: Departmental permission required; **P**: Prerequisite; **C**: Corequisite; **PC**: Prerequisite or corequisite; **R**: Restrictions; **LT**: Limited to; **RP**: Recommended preparation; **RC**: Recommended concurrent study; **SC**: Schedule C; **L**: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers*
Prescriptions

DEOH 501 Advanced Principles of Oral Health I
N1 0.15 EFTS OL, OC, DL 60 points
The development of an advanced level of knowledge, patient management, diagnostic and operative skills and social awareness within the scope of dental hygiene and dental therapy practice.
LT MOH

DEOH 502 Advanced Principles of Oral Health II
N1 0.15 EFTS OL, OC, DL 60 points
The development, implementation and evaluation of an oral health promotion project for a specific group.
LT MOH

DEOH 580 Research Dissertation
N1 0.5 EFTS OL, OC, DL 60 points
Overview of research techniques. Preparation of research proposal, data collection and analysis, completion of research project and presentation of research dissertation.
LT MOH

Development Studies

DEVS 401 Theories of Development
NO (2020) 0.1667 EFTS OL, OC 20 points
The study of development theory and the development industry, particularly since World War Two. Modernist, Marxist, neo-liberal, grassroots and 'post-development' perspectives are used to question the strengths and weaknesses of development processes.
P 72 300 level points
LT MA, PGDipArts

DEVS 402 Development Policy and Practice
NO (2020) 0.1667 EFTS OL, OC 20 points
Approaches and methods used in development research and practice. Professional practice includes understanding the project cycle, donors, policy frameworks, and conducting research in cross-cultural contexts.
P 72 300 level points
LT MA, PGDipArts

Drugs and Human Health

See Biomedical Sciences programme requirements (page 95).

Earth and Ocean Science

EAOS 111 Earth and Ocean Science
S1 0.15 EFTS OL, OC 18 points
Evolution of continents and oceans; sea-floor spreading, mountain ranges, plate tectonics; oceanic circulation and global cycles; erosion, landslides and sedimentation on land and sea; marine biological systems; evolution of life through the ages; oceans and climate; the Solar System.
R EAON 111 SC Science
Note: EAOS 111 is required for students taking Geology as a major or minor subject, and is recommended for students wishing to enter Marine Science studies at a later stage.

Ecol 211 Ecology of Communities and Ecosystems
S1 0.15 EFTS OL, OC 18 points
Focuses on how species interact, how these interactions build communities, how natural and human induced disturbances affect the integrity and sustainability of communities, and how an understanding of community and ecosystem-level processes can aid the restoration and management of natural areas for conservation.
P ECOL 111 SC Science
Note: ECOL 111 may be taken as a corequisite by students who have already passed 72 points from Science Schedule C.

Ecol 212 Ecological Applications
S2 0.15 EFTS OL, OC 18 points
Putting ecology into practice: approaches in applied ecological science; developing a research programme; sampling and experimental design.
P ECOL 111, 211 SC Science

Ecol 313 Ecology Field Course
N1 0.15 EFTS OL, OC, DP 18 points
The techniques of field ecology; sampling strategies, design, procedures and equipment; an initiation to ecological research.
P ECOL 211, 212 and (STAT 110 or 115) SC Science
Notes: (i) This course is intended for third year students majoring in Ecology, however, other students may be admitted at the discretion of the Programme Co-ordinator.
(ii) A compulsory field trip will be held prior to the beginning of the semester in February.

Ecol 314 Tropical Field Ecology
N1 0.15 EFTS OL, OC, DP 18 points
The techniques of tropical field ecology; sampling strategies, design, procedures and equipment; an initiation to tropical ecological research.
RP ECOL 211, 212 and (STAT 110 or 115) SC Science
Notes: (i) This paper is intended for third-year students majoring in Ecology or Zoology. (ii) This paper will include a compulsory field trip based in the tropics.

Ecol 411 Reading Ecology
S1 0.1667 EFTS OL, OC, DP 20 points
This literature-based paper focuses on learning best practice for publication by reading the top-ranked journals in ecology. Workshops will cover: independent research, statistics, scientific writing, modelling and biodiversity conservation.
P 129

Ecol 450 Special Topic
ES, FY 0.1667 EFTS OC, DP 20 points

Ecol 480 Research Project
FY 0.3333 EFTS OL, OC, DP 40 points
A supervised project involving research and leading to the production of a research report.
LT PGDipSci

Ecol 490 Dissertation
FY 0.5 EFTS OL, OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons), PGDipSci

Ecol 495 Master's Thesis Preparation
FY 0.3333 EFTS OL, OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the years prior to a Master's degree by papers and thesis.
LT MSc

Econ 201 Microeconomics
S1 0.15 EFTS OL, OC 18 points
Provides a working knowledge of microeconomic theories with an emphasis on their application to business and public sector decision making.
P BSN 104 or 113 SC Arts and Music, Commerce, Science

Econ 202 Macroeconomics
S2 0.15 EFTS OL, OC 18 points
Provides a working knowledge of macroeconomic theory and policy.
P BSN 104 or 113 and ECON 112 SC Arts and Music, Commerce, Science

Econ 206 The World Economy
S2 0.15 EFTS OL, OC 18 points
The development of the world economy and ways in which different economies impinge on each other. Provides a broad perspective on the structure of the world economy and an introduction to some important current issues.
P BSN 104 or 113 and ECON 112 SC Arts and Music, Commerce, Science

Econ 210 Introduction to Econometrics
S1 0.15 EFTS OL, OC, DP 18 points
Statistical and econometric techniques widely used in empirical work in economics and finance, including distribution theory and least squares regression. Computer-based tutorials emphasise practical applications of the techniques examined.
P BSN 102 or 112 or STAT 110 R PLAN 414 SC Arts and Music, Commerce, Science

Econ 271 Intermediate Microeconomic Theory
S1 0.15 EFTS OL, OC, DP 18 points
Presents an analytic approach to intermediate micro-economics. The emphasis is on the fundamental conceptual foundations of microeconomics, illustrating their application with concrete examples.
P BSN 104 or 113 and one of FINC 102, FINQ 102, MATH 160, 170 SC Arts and Music, Commerce, Science

Econ 301 Labour Economics
S1 0.15 EFTS OL, OC 18 points
Labour markets, labour supply, labour demand, wage determination, inflation and unemployment. Specific New Zealand labour market issues are also addressed.
P ECON 201 or 271 SC Arts and Music, Commerce, Science

Econ 302 International Trade
S2 0.15 EFTS OL, OC 18 points
A theoretical and applied approach to explaining the pattern of international trade and the effects of government interventions through international trade policy.
P ECON 201 or 271 SC Arts and Music, Commerce, Science

Econ 303 Economics of Developing Countries
S2 0.15 EFTS OL, OC 18 points
Economic problems in developing countries. Topics covered include theories of economic growth, underdevelopment, basic needs, human development, education and population growth.
P ECON 201 or 271 SC Arts and Music, Commerce, Science

Econ 306 Economics of Health and Education
S2 0.15 EFTS OL, OC 18 points
The study of economic issues regarding the provision of, and demand for, health and education services.
P ECON 201 or 271 SC Arts and Music, Commerce, Science
The mathematical tools and concepts used in advanced economic theory. Integrates mathematics and economics to highlight the insights mathematics can bring to economic analysis.

P: ECON 202, 271
R: ECON 270, 370
SC: Arts and Music, Commerce, Science

ECON 402 Growth, Institutions and Development

S2 0.1667 EFTS OL, OC 20 points
Examines theoretical and empirical aspects of economic growth and development, with emphasis on the role of institutions and human capital.

P: ECON 375, 377
R: ECON 428
RP: ECON 376

ECON 403 Monetary Economics

0.1667 EFTS OL, OC 20 points

P: ECON 375, 377
R: ECON 428
RP: ECON 376

ECON 404 International Economics

NO 0.1667 EFTS OL, OC 20 points
Covers advanced topics in international trade (including intermediate goods trade, inter-temporal trade, increasing returns and new trade theory) and open-economy macroeconomics (including empirical tests of PPP, exchange-rate and currency-crisis models).

P: ECON 375, 377
R: ECON 427, 430
RP: ECON 371

ECON 405 The Economics of Natural Resources and Public Choice

NO 0.1667 EFTS OL, OC 20 points
Covers advanced topics in natural resource economics (including dynamic optimisation of harvest/depletion rates, fisheries policy and multi-species modelling) and the economics of collective decision-making.

P: ECON 375
R: ECON 431, 440
RP: ECON 371

ECON 406 Labour and Population Economics

NO 0.1667 EFTS OL, OC 20 points
Covers advanced topics in labour and population economics.

P: ECON 375
R: ECON 442

ECON 407 Special Topic in Advanced Economics

S2 0.1667 EFTS OL, OC 20 points
Covers advanced topics in macro and/or micro economics.

P: ECON 375, 377
RP: ECON 371, 376

ECON 410 Advanced Microeconomic Theory

S2 0.1667 EFTS OL, OC 20 points
Advanced analysis of microeconomic models of consumer choice, production theory, market equilibrium, and social choice and welfare.

P: ECON 377 or (ECON 270 and 371)
R: ECON 401

ECON 411 Advanced Macroeconomic Theory

S1 0.1667 EFTS OL, OC 20 points
A modern approach to macroeconomic theory with an emphasis on the microeconomic foundation of macroeconomic models.

P: ECON 377 or (ECON 270 and 376)
R: ECON 401

ECON 412 Macroeconometrics

S1 0.1667 EFTS OL, OC 20 points
Advanced time-series and nonstationary panel econometric techniques.

P: ECON 375
R: ECON 490, 495

ECON 413 Microeconometrics

S1 0.1667 EFTS OL, OC 20 points
Advanced cross-sectional and panel econometric techniques.

P: ECON 375
R: ECON 490, 495

ECON 480 Dissertation

FY 0.3333 EFTS OL, OC 40 points
A research dissertation of between 8,000 and 12,000 words.

P: ECON 375
R: ECON 480, 490, 492
LT: BApp(Hons), BCom(Hons), BSc(Hons), PGDipArts, PGDipCom, PGDipSocSc

ECON 485 Master’s Thesis Preparation

ES, FY 0.1667 EFTS OL, OC 20 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.

P: ECON 375
R: ECON 480, 490, 492
LT: MA, MBus, MCom, MSc

ECON 492 Dissertation for Philosophy, Politics and Economics

FY 0.5 EFTS OC 60 points
A research dissertation of between 15,000 and 20,000 words.

P: ECON 371 or 375 or 376
R: ECON 480, 485, 490, 495
LT: BApp(Hons), PGDipArts

ECON 580 Research Dissertation

ES, N1, N2, N3 0.5 EFTS OL, OC 60 points
A research dissertation of between 15,000 and 20,000 words.

P: ECON 375, 377
R: ECON 480, 490, 492
LT: MEcon

Education
Note for EDCE 300-303: Compulsory for GradDipTchg Early Childhood Education students.
EDCE 300 Curriculum in Action

NO 0.15 EFTS OL, OC 18 points
Critical examination of integrated curriculum in action in early childhood settings in the context of Aotearoa.

LT: GradDipTchg
EDCE 301 Ethics of Care and Curriculum for People Under Three

NO 0.15 EFTS OL, OC 18 points
As students analyse the ethics of care and curriculum for people under three, they will identify the components of effective professional experience for these young children.

R: EDCR 202
LT: GradDipTchg
EDCE 302 International Perspectives

NO 0.15 EFTS OL, OC 18 points
Deepening of understanding of learning in the early years through investigation of the factors that influence early childhood education in both national and international contexts.

LT: GradDipTchg
EDCE 303 Early Childhood: A Context for Learning

NO 0.15 EFTS OL, OC 18 points
Introduction to early childhood education in Aotearoa; development of an understanding of the early childhood curriculum, pedagogy and assessment to enhance the learning of all children.

LT: GradDipTchg
EDCR 101 Exploring Curriculum

S1 0.15 EFTS OL, OC 18 points
An exploration of early childhood curriculum, with a particular focus on Te Whāriki, the early childhood curriculum framework.

LT: BEdSt, BThy
L: Dunedin, Invercargill
Note: Early Childhood Education students only.
EDCR 102 The Languages of Children  
S2 0.15 EFTS OL, OC 18 points  
An exploration of the meaning-making experiences of very young children as they begin to communicate with the world around them.  
LT BEdSt, BItch  
L Dunedin, Invercargill  
Note: Early Childhood Education students only.

EDCR 131 Introduction to English, Mathematics and Statistics  
S2 0.15 EFTS OL, OC 18 points  
Introduces teaching and learning in English and mathematics and statistics. Examines the ways in which language, literacy and number concepts are acquired and explores knowledge fundamental to English and mathematics contexts.  
LT BEd, BEdSt, BItch  
L Dunedin, Invercargill  
Note: TESOL, Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) and Primary Education students only.

EDCR 132 Music, Dance and Drama  
S2 0.15 EFTS OL, OC 18 points  
Introduces teaching and learning in music, dance and drama.  
LT BEdSt, BItch  
L Dunedin, Invercargill  
Note: TESOL, Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) and Primary Education students only.

EDCR 152 He Kākano Noaio  
S2 0.15 EFTS OL, OC 18 points  
An exploration of kaupapa Māori education, second language acquisition, an introduction to Te Marautanga o Aotearoa; and a working knowledge of Te Aho Arataki Marau mō te Ako I Te Reo Māori - Kura Auraki.  
LT BEdSt, BItch  
L Dunedin, Invercargill  
Note: Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) and Primary Education students only.

Notes for EDCR 201 - 202:  
(i) With approval from the Dean of the College of Education, the ICT and ELIT prerequisites may be waived for students with equivalent passes.  
(ii) Early Childhood Education students only.

EDCR 201 Weaving Curriculum  
S2 0.15 EFTS OL, OC 18 points  
An investigation of Te Whāriki as a tool for weaving together the principles, strands, content knowledge and theoretical perspectives to create a curriculum for all children in Aotearoa/New Zealand.  
P All of EDCR 101, 102, (EICT 198 or 199), (ELIT 198 or 199), (EMAT 197 or 198)  
R EDCR 201  
LT BEdSt, BItch  
L Dunedin, Invercargill

EDCR 202 People Under Three  
S2 0.15 EFTS OL, OC 18 points  
A critical examination of how curriculum is constructed for very young learners in early childhood settings.  
P (18 EDUC points or 108 points) and (EICT 198 or 199) and (ELIT 198 or 199)  
R EDCR 201  
LT BEdSt, BItch  
L Dunedin, Invercargill

EDCR 203 Te Ohonga Ake o ngā Māraturanga  
S2 0.15 EFTS OL, OC 18 points  
Te Ohonga Ake o ngā Māraturanga is the awakening of bicultural curriculum knowledge. Students develop understanding of bicultural practice consistent with Te Whāriki.  
P 18 EDUC points and EDCR 101, 102 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 197 or 198)  
PC EDCR 201  
LT BEdSt, BItch  
L Dunedin, Invercargill  
Note: Early Childhood Education students only.

EDCR 231 Mathematics and Statistics  
S1 0.15 EFTS OL, OC 18 points  
Explores a problem-solving approach to learning and teaching mathematics and statistics. Explores effective pedagogies that reflect the aims and approaches of mathematics and statistics in the New Zealand curriculum.  
P EDCR 131 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 198 or 199)  
R EDCR 202, 203, 206, 207, 208  
LT BEdSt, BItch  
L Dunedin, Invercargill  
Note: TESOL, Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) and Primary Education students only.

EDCR 232 Science and Technology  
S2 0.15 EFTS OL, OC 18 points  
Introduction to science, social sciences, learning languages and visual arts learning areas of the New Zealand Curriculum.  
P EDCR 131 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 198 or 199)  
R EDCR 203, 206, 207, 208  
LT BEdSt, BItch  
L Dunedin, Invercargill  
Note: Primary Education students only.

EDCR 234 English  
S2 0.15 EFTS OL, OC 18 points  
Theories and research for the analysis of teaching approaches, methodologies and resources for effective teaching and assessment in literacy learning in English.  
P EDCR 131 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 198 or 199)  
R BEdSt, BItch  
L Dunedin, Invercargill  
Note: TESOL, Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) and Primary Education students only.

EDCR 252 Te Pūpūke  
FY 0.15 EFTS OL, OC 18 points  
Continued development of pedagogical knowledge of Te Marautanga o Aotearoa; introduction to and exploration of the contributing factors to implementation of effective teaching approaches and resources for teaching te reo Māori within Māori-medium and mainstream environments.  
P EDCR 152 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 198 or 199)  
L Invercargill  
Note: (i) With approval from the Dean of the College of Education, the ICT, ELIT and EMAT prerequisites may be waived for students with equivalent passes. (ii) Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) students only.

EDCR 254 Tikanga-a-ā-Ingā, Ngā Roē, Toi Ataata  
S2 0.15 EFTS OL, OC 18 points  
An introduction to social sciences, learning languages and visual arts learning areas of the New Zealand Curriculum.  
P EDCR 131 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 198 or 199)  
R BEdSt, BItch  
L Dunedin, Invercargill  
Note: Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) students only.

EDCR 258 Teaching for Years 1-8  
FY 0.15 EFTS OL, OC 18 points  
A critical examination of current educational initiatives and approaches to implementing curriculum from kaupapa Māori and kaupapa Pākehā perspectives.  
P EDCR 232, 253, 351, 352  
LT BItch, GradDPdEdTchg  
L Invercargill  
Note: Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) students only.

EDDC 911 Doctor of Education  
W1, N2 0.25 EFTS OL, OC, DL 60 points  
Engages students in critical reflection on their professional practice and prepares them for their thesis and research to practice portfolio research.  
LT EdT  
Note: Students must enrol for EDDC 911 twice: in the second half of the first year of study and the first half of the second year of study.

EDPE 300 The Teacher as a Reflective Practitioner  
NO 0.15 EFTS OL, OC 18 points  
This professional experience paper examines the knowledge, skills and dispositions that underpin effective teaching practice and provides opportunities to demonstrate them in action.  
GradDPdEdTchg  
Note: Compulsory for GradDPdEdTchg students.

EDPE 301 The Teacher as a Reflexive Practitioner  
NO 0.15 EFTS OL, OC 18 points  
This professional experience paper focuses on increasing competence in putting into action the pedagogy, skills and dispositions for reflexive teaching.  
EdT  
GradDPdEdTchg  
Note: Compulsory for GradDPdEdTchg students.
EDPR 101 The Practice of Early Childhood Teaching

N1 0.15 EFTS OL, OC 18 points
An introduction to professional, ethical, theoretical and pedagogical understandings, skills and dispositions important for early childhood teaching practice.
LT BEdSt, BTchg
L Dunedin, Invercargill
Note: Early Childhood Education students only.

EDPR 102 From Personal to Professional

S1 0.15 EFTS OL, OC 18 points
Examination of critical understandings required of early childhood teachers, with exploration of related beliefs, values and attitudes that allow a shift from personal to professional understandings.
LT BEdSt, BTchg
L Dunedin, Invercargill
Note: Early Childhood Education students only.

EDPR 131 Te Wenu - Professional Studies and Practice 1

N1 0.15 EFTS OL, OC 18 points
An introduction to professional, ethical, legal and practical requirements for the teaching profession. Development and application of an understanding of mātauranga Māori, examination of self identity through selected sociocultural and political contexts.
LT BEdSt, BTchg
L Dunedin, Invercargill
Note: Primary Education students only.

EDPR 151 Te Mōhiohanga - Professional Studies and Practice 1

N1 0.15 EFTS OL, OC 18 points
An introduction to professional, ethical, legal and practical requirements for the teaching profession. Development and application of an understanding of mātauranga Māori, examination of self identity through selected sociocultural and political contexts.
LT BEdSt, BTchg
L Dunedin, Invercargill
Note: Primary Education students only.

EDPR 201 Relationships and the Practice of Teaching

N1 0.15 EFTS OL, OC 18 points
An examination of how responsible, reciprocal and respectful relationships are integral to the pedagogical practices of an early childhood teacher in inclusive settings.
P All of: EDCR 101, 102, EDPR 101, (EICT 198 or 199), (EMAT 198 or 199), (EMAT 197 or 198)
PC EDCR 201, 202
R EDCR 211
LT BEdSt, BTchg
L Dunedin, Invercargill

EDPR 202 Relationships in Inclusive Settings

S1 0.15 EFTS OL, OC 18 points
Examines the development of effective, professional relationships between teachers and children, parents, family and/or whānau, agencies and the community, and the crucial role they play in the provision of inclusive contexts in Aotearoa/New Zealand.
P EDPR 102 and (EICT 198 or 199) and (ELIT 198 or 199) and (EMAT 197 or 198)
R EDEU 212
LT BEdSt, BTchg
L Dunedin, Invercargill

EDPR 251 Te Mātauranga - Professional Studies and Practice

N1 0.15 EFTS OL, OC 18 points
Experience of increasing levels of responsibility in a variety of classroom situations. Expansion of knowledge, understanding and integration of a range of Māori contexts and an examination of cultural diversity.
LT EDPR 151 and (EICT 198 or 199) and (EICT 198 or 199) and (EMAT 198 or 199)
LT BEdSt, BTchg
L Dunedin, Invercargill
Note: Primary Education students only.

EDPR 291 Te Pūtāwhaitanga - Professional Studies and Practice 1

N1 0.15 EFTS OL, OC 18 points
Approaches to integration, Māori education research initiatives, professional issues, legal, and ethical requirements for teachers. Students will maintain a class programme by planning, implementing and evaluating a class programme for a sustained period of time.
LT BEdSt, BTchg
L Dunedin, Invercargill
Note: Primary Education students only.

EDPR 301 Professional Inquiry into Practice 1

N1 0.15 EFTS OL, OC 18 points
A critical examination of the early childhood teacher's role in creating an inclusive context that facilitates children's learning and fosters the well-being of children in Aotearoa/New Zealand.
PC EDCR 201, EDPR 201
PC EDCR 301
R EDUO 332
LT BTchg, GradDiplEdTchg, GradDiplTchg
L Dunedin, Invercargill
Note: (i) Prerequisites are waived for GradDiplTchg students.
(ii) Early Childhood Education students only.

EDPR 302 Professional Inquiry into Practice 2

S2 0.15 EFTS OL, OC 18 points
Engages students in critical dialogue as they articulate and debate innovative and effective professional practice in inclusive early childhood settings in Aotearoa/New Zealand.
PC EDPR 301
PC EDPR 303
R EDUO 332
LT BTchg, GradDiplEdTchg, GradDiplTchg
L Dunedin, Invercargill
Note: Early Childhood Education students only.

EDPR 331 Professional Practice 4

N1 0.15 EFTS OL, OC 18 points

EDSU 101 Celebrating Dance in Culture

NO 0.15 EFTS OL, OC, DP 18 points
Provides a foundation for experiencing, understanding and appreciating the diversity of dance and its relationship to various cultures and societies.
R EDUO 170

EDSU 102 Drama for Children

NO 0.15 EFTS OL, OC, DP, 18 points
Involves students in the process of devising and developing an original piece of theatre appropriate for primary school audiences.
R EDUO 191, EDUO 121

EDSU 104 Children's Literature: Origins and Issues

NO 0.15 EFTS OL, OC, DP, 18 points
A survey of selected children's literature texts, focusing on issues related to contemporary discourse. Aims to assist students in developing the skills of literary criticism, with an emphasis on breadth of reading and critical analysis.
R EDSU 194

EDSU 105 Personal Health Education

NO 0.15 EFTS OL, OC, DP, 18 points
Introduces students to a range of personal health issues for analysis and reflection, which are relevant to teaching.
R EDUO 132

EDSU 106-107: Compulsory for Te Pokai Mātauranga o Te Ao Rua (Primary Bicultural Education) students for BTchg, BEdSt who commenced the programme prior to 2016.

EDSU 106 Te Whiringa o Te Reo

S2 0.15 EFTS OL, OC, DL 18 points
This immersion course at introductory level uses Te Reo Māori as the medium for professional contexts and delivery, and enables students to develop and extend their knowledge of and ability to use Te Reo Māori.
R EDUO 104, 107, 108
L Invercargill

EDSU 107 Tōku Ao, Tōku Tikanga, Tōku Oranga

NO (2020) 0.15 EFTS OL, OC, 18 points
Develops students' understandings of a range of tikanga that underpin selected aspects of Ao Māori, and provides knowledge and skills to enable students to participate appropriately in a variety of cultural situations.
R EDUO 142, 144

Key

132
EDSU 110 Children in Action
S2 0.15 EFTS OL, OC, DP 18 points
Allows students, through practical involvement in creative play, games and sports, to investigate a range of physical activities and to critique the contribution researchers, theorists and practitioners have made to the movement culture.
R EDUC 167, 266
L Dunedin, Invercargill

EDSU 111 Children, Science and Play
S1 0.15 EFTS OL, OC, DP 18 points
Explores concepts of physical, material and biological sciences in the context of children's toys, games and play.
R EDUC 173
L Dunedin, Invercargill

EDSU 112 Childhood and Cultural Enrichment
NO 0.15 EFTS OL, OC, DP 18 points
Examines the richness of cultural diversity within an educational context.
R EDUC 284

EDSU 113 Technology and Enterprise
NO 0.15 EFTS OL, OC, DP 18 points
Critically examines the role of enterprise and innovation in New Zealand society with links to opportunities for young people.
R EDUC 193, 292

EDUC 101 Education and Society
S2 0.15 EFTS OL, OC 18 points
An examination of the political, social and cultural dimensions of contemporary educational practice.
R EDUT 131, EDUX 131
SC Arts and Music
L Dunedin, Invercargill

EDUC 102 Human Development
S1 0.15 EFTS OL, OC 18 points
Lifespan development in its social contexts. A topic-based paper which includes the study of families, cultures within New Zealand, and disability.
R EDUT 132, EDUX 132
SC Arts and Music
L Dunedin, Invercargill

EDUC 105 Disability Studies: An Introduction
S1 0.15 EFTS OL, OC 18 points
An introduction to Disability Studies, which critically examines disability issues across a wide range of disciplines as well as different socio-cultural, political, economic, historical, legal, and educational contexts.
SC Arts and Music

EDUC 211 The Institutions of Childhood
S1 0.15 EFTS OL, OC 18 points
A critical examination of the ways in which political, cultural and educational contexts shape the institutions of childhood for young children.
P EDUC 101 or 102 or 108 points
SC Arts and Music
L Dunedin, Invercargill
Note: With approval, students who have passed EDUC 105 prior to 2017 may be admitted without the normal prerequisite.

EDUC 240 Education in Aotearoa/New Zealand
N1 0.15 EFTS OL, OC, DP 18 points
An introduction to education and children's learning in the context of Aotearoa/New Zealand.
C EDPR 240
SC Arts and Music
Note: Limited to Study Abroad and Exchange students enrolled in initial teacher education programmes at approved partner institutions in their home countries.

Note for EDUC 251, 254 and 259:
With approval, students who have passed EDUC 105 prior to 2017 may be admitted without the normal prerequisite.

EDUC 251 Education in New Zealand: Policy and Treaty Issues
NO 0.15 EFTS OL, OC, DL 18 points
A critical examination of policy, school management and Treaty issues in New Zealand education with special focus on changes in the 1980s and 1990s.
P EDUC 101 or 102 or 108 points
R EDUC 251
SC Arts and Music

EDUC 252 How People Learn
S1 0.15 EFTS OL, OC 18 points
Develops understanding of models and principles of human learning applicable to a wide range of educational situations (from personal study and individual tutoring or counselling to whole-class teaching). Covers models of learning, motivation, individual and social differences, and assessment.
P EDUC 101 or 102 or 108 points
R EDUC 252
SC Arts and Music
L Dunedin, Invercargill

EDUC 253 Making Learning Happen
S2 0.15 EFTS OL, OC 18 points
Means of facilitating classroom learning; conditions that foster learning; learning structures, resources, partnerships in learning.
P EDUC 101 or 102 or 108 points
R EDUC 257
SC Arts and Music

EDUC 254 Family Resources, Culture, and Education
S1 0.15 EFTS OL, OC 18 points
Explores the relationship between social class and family background and educational achievement/performance. Concentrates on the family in a cultural context and the link between family resources and education, focusing on the importance of social context for theories of student learning and educational achievement.
P EDUC 101 or 102 or 108 points
R EDUC 254
SC Arts and Music
L Dunedin, Invercargill

EDUC 259 International Perspectives in Education
S2 0.15 EFTS OL, OC 18 points
Schooling across cultural borders; theories of development, New Zealand’s trade/aid relations with less developed countries, postcolonial theory and Western and Indigenous knowledges; the politics of English language teaching in non-English speaking settings and global flows of students/teachers and educational ideas.
P EDUC 101 or 102 or 108 points
R EDUC 259
SC Arts and Music

EDUC 306 Guidance and Counselling
S2 0.15 EFTS OL, OC 18 points
An introduction to selected counselling approaches.
P One 200-level EDUC or PSYC paper
SC Arts and Music

EDUC 307 Child Development
S1 0.15 EFTS OL, OC 18 points
A critical, social context approach to the development of infants and children, focusing on sociocultural processes and on the social construction of childhood.
P One 200-level EDUC or PSYC paper
SC Arts and Music

EDUC 308 Future-Focused Literacies
S1 0.15 EFTS OL, OC 18 points
A critical, socio-cultural view of literacy theories, practices and policies with implications for all educational settings.
P One 200-level EDUC or PSYC paper
SC Arts and Music

EDUC 311 Contemporary Understandings of Young Children as Learners
S1 0.15 EFTS OL, OC 18 points
Advanced investigation into the issues and contexts that both enhance and constrain the learning of young children in educational settings.
P One 200-level EDUC or SOCI paper
R EDUC 331
SC Arts and Music
L Dunedin, Invercargill

EDUC 312 Children and Young People in History
S1 0.15 EFTS OL, OC 18 points
Introduction to the histories of children and young people focusing on the modern era. The approach is thematic and comparative, examining both Western and non-Western settings, including societies such as New Zealand.
P One 200-level EDUC paper
SC Arts and Music
Note: May not be credited together with EDUC 331 passed in 2014 or 2015.

EDUC 313 Inclusive Education
S2 0.15 EFTS OC 18 points
Practical and philosophical issues supporting the inclusion of children and adults with disabilities in mainstream educational and community settings, supported by examples from education systems in New Zealand and elsewhere.
P One 200-level EDUC, PSYC or SOCI paper
R EDUC 368
SC Arts and Music

EDUC 317 Information and Communication Technology in Education
NO 0.15 EFTS OL, DL 18 points
Introduction to the use of information and communication technology in educational contexts. Pertinent theoretical, practical and curricular issues will be examined. Previous computing experience is not required. The Internet is used as the delivery system.
P 18 200-level EDUC points
R EDUC 435, EDUC 317, 435
SC Arts and Music

EDUC 318 Gender Issues in Education
S2 0.15 EFTS OC 18 points
Theoretical and research perspectives on gender issues in education with particular attention to how gender intersects with race, class and sexuality; how educational policies and practices address gender issues; and how discourse analysis is a useful analytical tool.
P (EDUC 101 or one 100-level GEND, PSYC, SOCI or SOWK paper) and (one 200-level EDUC, GEND, PSYC, SOCI or SOWK paper)
SC Arts and Music

EDUC 321 Educational Psychology
S1 0.15 EFTS OL, OC 18 points
To examine, integrate, and apply theories of human development, learning, and assessment to the educational process.
P EDUC 102 and one 200-level EDUC or PSYC paper
SC Arts and Music
Note: May not be credited together with EDUC 331 passed in 2005-2012.

EDUC 331 Special Topic
NO 0.15 EFTS OC 18 points
P One 200-level EDUC paper or equivalent as approved by the Dean of the College of Education
SC Arts and Music

EDUC 335 Constructions of Learning in Education Settings
FY 0.15 EFTS OL, OC 18 points
Critical examination of a range of key issues to identify pedagogy and practice in relation to diverse learners.
P EDUC 252
R EDUC 331
LT BEC, BTLch, GradDiplEdTchg
L Dunedin, Invercargill
Note: TESOL, Te Pōkai Mātauranga o te Ao Rua (Primary Bicultural Education) and Primary Education students only.
EDUC 341 Teaching in Context: Culturally Relevant Teaching in Aotearoa
NO 0.15 EFTS OL, OC 18 points
An exploration of what it means to teach in contemporary Aotearoa education settings, including considerations of Te Tiriti o Waitangi, culturally relevant curriculum and pedagogy, education for social justice and inclusion.
LT GradDiTchg

EDUC 351 Research Methods in Education
NO 0.15 EFTS OL, OC 18 points
Study of the theory, philosophy and practice of research in education, including a critical analysis of selected quantitative and qualitative methodologies and of historical, philosophical and sociological approaches to disciplined inquiry in education.
P One 200-level EDUC, PSYC or SOCI paper
R EDUC 407, EDUX 351, 407
SC: Arts and Music

EDUC 401 Education in Historical Perspective
S1 0.1667 EFTS OL, DL 20 points
An introduction to the principles and practice of education history, with a comparative focus on New Zealand and other Western contexts informed by social, cultural, gender and transnational histories.
P 54 300-level EDUC or EDUX points
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Dean of the College of Education.

EDUC 402 Current Issues in Education
S1 0.1667 EFTS OL, DL 20 points
An introduction to postgraduate study and ODL offered academic skills through discussion and critical evaluation of national and international trends in education.
LT PGCertEdLn, PGDipEdLn, MEdLn

EDUC 403 Perspectives on Teaching and Learning
S2 0.1667 EFTS OL, DL 20 points
An exploration of current theory and research on learning and teaching relevant to a broad range of educational settings.
LT PGDipEdLn, MEdLn

EDUC 407 Researching Educational Issues
NO 0.1667 EFTS OL, DL 20 points
Study of the theory, philosophy and practice of research in education, including a critical analysis of selected quantitative and qualitative methodologies and of historical, philosophical, sociological and Maori preferred approaches to disciplined inquiry in education.
P 54 300-level EDUC or EDUX points
R EDUC 351, EDUX 351, 407
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Dean of the College of Education.

EDUC 411 Conceptualising and Designing Qualitative Educational Research
S1 0.1667 EFTS OL, DL 20 points
Issues of research design and methodology for students who are studying policy, practice and professional issues in education.
R EDUC 412
LT PGDipEdLn, MEdLn

EDUC 412 Research Design and Methodology: Evidence-Based Practice in Education
S1 0.1667 EFTS OL, DL 20 points
Issues of research design, methodology and practice for researchers inquiring into professional practices of teaching and learning as they arise in education settings.
R EDUC 411
LT PGDipEdLn, MEdLn

EDUC 421 Mathematics Education: Learning and Teaching
NO 0.1667 EFTS OL, DL 20 points
Development of a critical and informed stance toward the student's own practice and the context in which that practice is based.
P 54 300-level EDUC or EDUX points
R EDUX 421

EDUC 422 Quantitative Research Methods in Education
NO 0.1667 EFTS OL, OC 20 points
Provides training in the methods necessary for understanding and conducting quantitative research in education.
P 54 300-level EDUC or EDUX points
R EDUX 423

EDUC 423 Technology-enhanced Learning
FY 0.1667 EFTS OL, DL 20 points
Introduces various theoretical perspectives on the use of technology to enhance teaching and learning and discusses the practical issues resulting from this. Issues on knowledge construction and creation, and the culture of change, are also considered.
P 54 300-level EDUX or EDUC points
R EDUX 423

EDUC 425 Critical Analysis of Teaching
NO 0.1667 EFTS OC 20 points
An introduction to the theory and practice of qualitative research. Students are guided through the key stages of conducting qualitative research on an education topic of their choice.
P 54 300-level EDUC or EDUX points
Note: This paper is normally available in alternate years.

EDUC 428 Special Topic: Becoming a Research-Capable Teacher
NO 0.3333 EFTS OL, DL 40 points
Students will explore research issues, literature and methods. They will engage with researchable problems in an educational setting such as a school or cultural institution.
P 54 300-level EDUC or EDUX points
R EDUX 428
LT PGDipTchg
Note: (i) In order to complete this paper, students will be required to establish links with an educational setting such as a school or centre. (ii) Students must have completed an initial teacher education programme prior to enrolling in this paper.

EDUC 429 Special Topic 2
FY 0.1667 EFTS OL, DL 20 points
P 54 300-level EDUC or EDUX points
R EDUX 429

EDUC 430 Junior and Young Adult Literature in Cultural Contexts
NO 0.1667 EFTS OL, DL 20 points
Examines the origins and development of literature produced for children and young adults. Investigates the socially constructed notion of childhood and critiques texts using theoretical perspectives between gender, class and race as categories of analysis.
P 54 300-level EDUC or EDUX points

EDUC 431 Special Topic
NO 0.1667 EFTS OL, DL 20 points
R 72 300-level EDUC or EDUX points

EDUC 432 Special Topic: Digital Technologies and Knowledge Building
NO 0.1667 EFTS OL, DL 20 points
P 72 300-level EDUC or EDUX points
R EDUX 432

EDUC 433 Special Topic
S2 0.1667 EFTS OL, DL 20 points
P 54 300-level EDUC or EDUX points

EDUC 434 Youth Studies
NO 0.1667 EFTS OL, OC 20 points
Young people in secondary education and their post-school transitions. The theoretical and practical understandings of conducting research with young people.
P 54 300-level EDUC or EDUX points
Notes: (i) May not be credited together with EDUC 430 passed 2010–2012. (ii) This paper is normally available in alternate years.

EDUC 435 Introduction to Internet-based Learning
S1 0.1667 EFTS OL, DL 20 points
Focuses on the use of the Internet and the World Wide Web as tools for teaching, learning, and research. Examines how teaching resources can be searched, gathered, and evaluated on the Internet. Ethical issues relating to use of the Internet are also discussed. The Internet is used as the delivery system.
P 54 300-level EDUC or EDUX points
R EDUX 317 and EDUC 317
Note: Not available to students who have already completed EDUX 413, which is an advanced paper that follows on from EDUC 435.

EDUC 438 Leadership for Learning
FY 0.1667 EFTS OL, DL 20 points
A critical examination of theory, research and practice relating to leadership in educational settings. Students will review a range of models, case studies and research findings. This paper uses print-based material and the Internet as the principal delivery systems.
P 54 300-level EDUC or EDUX points

EDUC 439 Strategic Educational Management
FY 0.1667 EFTS OL, DL 20 points
A critical examination of contemporary educational leadership and research on the theory and practice of strategic educational management across a range of education sectors. The Internet is used as one of the principal delivery systems.
P 54 300-level EDUC or EDUX points

EDUC 440 Critical Analysis of Teaching
NO 0.1667 EFTS OL, DL 20 points
A critical examination of existing knowledge about effective teaching, reviewing a wide variety of models, case studies and research findings. This paper uses print-based material, video clips, and the Internet as the principal delivery systems.
P 54 300-level EDUC or EDUX points

EDUC 441 Researching Personal Teaching Practice
NO 0.1667 EFTS OL, DL 20 points
Introduction to disciplined inquiry into personal teaching practice utilising a range of research methodologies. Students plan a disciplined, investigative inquiry into their teaching practices.
P One of EDUX 423, 440, EDUC 423, 440
R EDUC 441
Note: Students who have not passed the normal prerequisite or corequisite may be admitted with approval from the Dean of the College of Education.

EDUC 442 Studies in Teacher Education, Development, and Learning
S1 0.1667 EFTS OL, DL 20 points
Inquiry into teacher education in its international context, addressing issues of programme design, implementation, evaluation, and teacher educator development and learning.
LT PGCertEdLn, PGDipEdLn, MEdLn

Key
1s: first semester; 2s: second semester; 3s: each semester; Fy: full year; 5s: Summer School; N1-5: non-standard periods; N: not offered, expected to be offered in the year noted; Ol: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; Lt: Limited to; Rp: Recommended preparation; Rc: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from if no location mentioned, paper is taught at, or from, Dunedin).
See page 108 for more information.
*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
EDUC 444 Pacific Education Issues: Culture, Identity and Schooling
NO 0.1667 EFTS OL, DL 20 points
Examines and critiques the education system in Aotearoa and the learning theories and key documents that underpin development as a member of the teaching profession.
LT MThgl

EDUC 451 Inclusive Education
NO 0.1667 EFTS OL, DL 20 points
Inclusive education from the perspectives of children with special needs and those who support them throughout the education system.
P 54 300-level EDUC or EDUX points
R EDUC 451

EDUC 453 Exercising Professional Leadership
NO (2020) 0.1667 EFTS OL, DL 20 points
Examination of a range of contemporary issues which impact on effective educational leadership.
P 54 300-level EDUC or EDUX points
R EDUC 453

EDUC 457 Pedagogy in Early Childhood Education
NO 0.1667 EFTS OL, DL 20 points
Critically evaluates a range of pedagogical approaches to early childhood education, and explores how these approaches influence teachers’ thinking about children’s learning and development in the early years.
P 54 300-level EDUC or EDUX points
R EDUC 457

EDUC 459 Equality, Diversity and Education
S1 0.1667 EFTS OL, DL 20 points
Investigates theories of equality and applies them to poverty, gender, ethnicity, culture and ability. Critically addresses the question of why educators should be concerned about societal inequalities.
P 54 300-level EDUC or EDUX points

EDUC 461 The Construction of Curriculum in Early Childhood Education
NO 0.1667 EFTS OL, DL 20 points
Exploration of the construction of curriculum in early childhood education.
P 54 300-level EDUC or EDUX points
R EDUC 461

EDUC 462 Mentoring Teachers
S1 0.1667 EFTS OL, DL 20 points
Critical examination of mentoring practice related to professional growth of teachers at all levels.
P 54 300-level EDUC or EDUX points
R EDUC 462

EDUC 463 Issues in Literacy Education
NO 0.1667 EFTS OL, OC 20 points
Current research-based knowledge about literacy, including understanding literacy in New Zealand.
P 54 300-level EDUC or EDUX points

EDUC 464 Writing for Publication in the Social Sciences
S2 0.1667 EFTS OL, OC 20 points
Students will be guided through the process of writing a journal article, reporting their own data, ready for submission by the end of the course.
P 72 300-level points
LT BA(Hons), PGDipTchg, PGDipArts, Med, MThgl, MA
Note: This paper is primarily intended for graduates in the social sciences.

EDUC 465 Science Education for Teachers
N1 0.1667 EFTS OL, OC 20 points
Examines and critiques science education in Aotearoa/ New Zealand and the learning theories and key documents that underpin development as a member of the teaching profession.
LT Med, MThgl, PGDipTchg

EDUC 471 Teaching in a New Zealand Context
N1 0.25 EFTS OL, OC 30 points
Examines and critiques the education system in Aotearoa and the learning theories and key documents that underpin development as a member of the teaching profession.
LT MThgl

EDUC 472 Primary Curriculum 1
N1 0.25 EFTS OL, OC 30 points
Engaging across curriculum learning areas and developing pedagogically appropriate teaching approaches.
LT MThgl
Note: Primary Education only.

EDUC 473 Evidence-based Inquiry (Primary)
N1 0.25 EFTS OL, OC 30 points
Designing data-driven learning interventions and teaching strategies across curriculum learning areas that demonstrate decision-making skills, reflexive practice, effective use of ICT, personal teaching growth and development.
LT MThgl
Note: Primary Education only.

EDUC 474 Early Childhood Curriculum 1
N1 0.25 EFTS OL, OC 30 points
Introduction to early childhood education in Aotearoa including curriculum, pedagogy and assessment for diverse children, families, and communities and the integration and implementation of quality curriculum.
LT MThgl
Note: Available only for the Early Childhood Education endorsement

EDUC 475 Evidence-based Inquiry (Early Childhood)
N1 0.25 EFTS OL, OC 30 points
Designing and implementing evidence-based curriculum consistent with Te Whāriki and community-based aspirations for children’s learning, demonstrating sound decision-making, reflexive practice, effective use of ICT, personal teaching growth and development.
LT MThgl
Note: Available only for the Early Childhood Education endorsement

EDUC 476 Diversity and Inclusion
N1 0.25 EFTS OL, OC 30 points
Strategies, valuing identity and diversity for engagement with priority learners, gifted and talented learners, and learners with special needs.
LT MThgl

EDUC 477 Secondary Curriculum 1
N1 0.25 EFTS OL, OC 30 points
Engaging with specified curriculum learning areas and developing pedagogically appropriate teaching approaches.
LT MThgl
Note: Secondary Education only.

EDUC 478 Evidence-based Inquiry (Secondary)
N1 0.25 EFTS OL, OC 30 points
Designing data-driven learning interventions and teaching strategies in specified curriculum areas that demonstrate decision-making skills, reflexive practice, effective use of ICT, personal teaching growth and development.
LT MThgl
Note: Secondary Education only.

EDUC 480 Research Study
P1 0.3333 EFTS OL, OC, DL 40 points
Independent in-depth exploration of an educational issue, comprising either a review of relevant literature, or completion of a study approved by the Dean of the College of Education.
P 54 300-level EDUC or EDUX points
R EDUC 481, EDUC 480
LT BA(Hons), Med, PGDipArts

EDUC 495 Thought in Action
ES 0.1667 EFTS OL, DL 20 points
Students make explicit links between research, theory, and practice, reflecting on how their learning experiences continue to influence their practice.
PC EDUC 591 or EDUC 592
LT Med

EDUC 572 Primary Curriculum 2
N1 0.25 EFTS OL, OC 30 points
Extending and broadening curriculum knowledge and pedagogically appropriate teaching approaches across curriculum learning areas.
LT MThgl
Note: Primary Education only.

EDUC 573 Extended Evidence-based Inquiry (Primary)
N1 0.25 EFTS OL, OC 30 points
Extending the inquiry approach across curriculum learning areas for sustained teaching and learning, engagement focused on professional and collaborative relationships, a learning culture which engages diverse learners, engagement with te reo Māori me ngā Tikanga-a-iwi and pedagogically-informed ICT use.
P EDUC 473, EICT 199, ELIT 199, EMAT 199
LT MThgl
Note: Primary Education only.

EDUC 574 Early Childhood Curriculum 2
N1 0.25 EFTS OL, OC 30 points
Investigation of factors that influence quality professional practices in early childhood education nationally and internationally, including a particular focus on the ethics of care and curriculum for people under three.
LT MThgl
Note: Available only for the Early Childhood Education endorsement

EDUC 575 Extended Evidence-based Inquiry (Early Childhood)
N1 0.25 EFTS OL, OC 30 points
Designing and implementing effective curriculum for continuity, competence, and community, demonstrating sound reflexive decision-making, effective ICT usage and engagement with culturally competent practices.
P EDUC 475, EICT 199, ELIT 199, EMAT 197
LT MThgl
Note: Available only for the Early Childhood Education endorsement

EDUC 577 Secondary Curriculum 2
N1 0.25 EFTS OL, OC 30 points
Extending and broadening curriculum knowledge and pedagogically appropriate teaching approaches in specified curriculum areas.
LT MThgl
Note: Secondary Education only.

EDUC 578 Extended Evidence-based Inquiry (Secondary)
N1 0.25 EFTS OL, OC 30 points
Extending the inquiry approach in specified curriculum areas for sustained teaching and learning, engagement focused on professional and collaborative relationships, a learning culture which engages diverse learners, engagement with te reo Māori me ngā Tikanga-a-iwi and pedagogically-informed ICT use.
P EDUC 478 and EICT 199 and ELIT 199 and (EMAT 196 or 197)
LT MThgl
Note: Secondary Education only.

EDUC 580 Med Dissertation
N1 0.5 EFTS OL, OC, DL 60 points
A supervised research dissertation of up to 25,000 words on an approved topic.
P 54 300-level EDUC or EDUX points
R EDUC 580
LT Med
Note: The duration of this paper is 12 months.

EDUC 590 Professional Practice Portfolio
N1 0.25 EFTS OL, DL 60 points
Aims at developing students’ professional skills as teachers. Students will engage in critical reflection on their professional practice by documenting their goals, growth, achievement, and professional attributes developed throughout the course of study.
P (EDUC 440 or EDUX 440) or (EDUC 423 or EDUX 423)
P EDUC 590
LT MThgl
Notes: (i) This duration of this paper is 12 months. (ii) Intake for the first semester only.
EDUC 591 Research Project
N1 0.3333 EFTS OL, DL 40 points
A supervised research dissertation of up to 15,000 words on an approved topic.

PC EDUC 411
LT MEDL
Note: The duration of this paper is 6 months (30 weeks).

EDUC 592 Professional Inquiry
N1 0.3333 EFTS OL, DL 40 points
Development of professional skills as a teacher and engagement in critical reflection on professional practice by documenting goals, growth, achievement, and professional attributes developed throughout the course of study. Requires students to identify a need in their profession.

PC EDUC 412
LT MEDL
Note: The duration of this paper is 6 months (30 weeks).

EDUT 132 An Introduction to Human Development
NO 0.0667 EFTS OL, DL 8 points
An introduction to the complexity and diversity of human development using a sociocultural approach.

R EDUC 102, EDUC 132

EICT 199 ICT Competency Test
FY 0 EFTS OC 0 points
Students are required to demonstrate practical information and communication technology skills in teaching and learning contexts.

L Dunedin, Invercargill

ELIT 198 Essential ICT for Teaching
FY 0.025 EFTS OC 3 points
Introduces practical information and communication technology skills in teaching and learning contexts.

LT BEdSt, BTchg, GradDipTchg, MTchgLn
L Dunedin, Invercargill

ELECT 199 ICT Competency Test
FY 0 EFTS OC 0 points
A basic course which explores aspects of standard English. Focuses on the development of accuracy and fluency in spoken and written language.

L Dunedin, Invercargill

EMAT 196 Mathematics Competency Test (Secondary Specialists)
FY 0 EFTS OL, OC 0 points
An understanding of the key skills, knowledge and vocabulary associated with mathematics to the upper band of Step 6 of TEC Adult Numeracy scale.

LT BEdSt, BTchg, GradDipTchg, MTchgLn
L Dunedin, Invercargill

EMAT 197 Mathematics Competency Test (ECE/ Secondary)
FY 0 EFTS OL, OC 0 points
An understanding of the key skills, knowledge and vocabulary associated with mathematics to Step 5 of TEC Adult Numeracy scale.

LT BEdSt, BTchg, GradDipTchg, MTchgLn
L Dunedin, Invercargill

EMAT 198 Essential Mathematics for Teaching
S1 0.125 EFTS OL, OC 15 points
Provides positive learning experiences for students who have experienced difficulties, or lack confidence in mathematics, through a teaching and learning approach which reflects the philosophy of the mathematics curriculum.

LT BEdSt, BTchg, GradDipTchg
L Dunedin, Invercargill

EMAT 199 Mathematics Competency Test (Primary)
FY 0 EFTS OC 0 points
An understanding of the key skills, knowledge and vocabulary associated with mathematics to Step 6 of TEC Adult Numeracy scale.

LT BEdSt, BTchg, GradDipTchg, MTchgLn
L Dunedin, Invercargill

Electronics
ELEC 253 Electronics: Introduction
S1 0.15 EFTS OL, OC 18 points

P One of PHSI 110, 131, 132, 191, and (MATH 160 or 170)
SC Science

ELEC 353 Analogue Electronics
S1 0.15 EFTS OL, OC 18 points
Analytical computer analysis of analogue electronic networks; transistor and operational amplifiers; time and frequency responses; passive and active filters; phase locked loops. P ELEC 253, MATH 170
RP MATH 242
SC Science

ELEC 358 Digital Electronic Design
S2 0.15 EFTS OL, OC 18 points

P ELEC 353
RP COMP 150 or 160
SC Science

ELEC 361 Measurement and Analysis
NO 0.15 EFTS OL, OC 18 points
Laboratory projects that explore key ideas in modern electronics for collecting, transmitting, and processing information as represented by electrical signals.

P ELEC 253, PHSI 282
SC Science

ELEC 441 Linear Systems and Noise
S1 0.0833 EFTS OL, OC 10 points
An introduction to the "systems" approach to solving physical problems: generalised functions, the Fourier transform, sampling and the FFT, causality and the Krammers-Kronig relations, noise processes and matched filtering.

LT BSc(Hons), PGDipSci, MSc, MAppSc

ELEC 442 Digital Signal Processing
S2 0.0833 EFTS OL, OC 10 points
An introduction to techniques of digital signal processing, for deterministic signals: discrete-time and linear time-invariant systems, difference equation description, the Z-transform, and advanced applications such as FIR filter design.

LT BSc(Hons), PGDipSci, MSc, MAppSc

ELEC 443 Boundary Value Problems of Mathematical Physics
NO 0.0833 EFTS OL, OC 10 points

LT BSc(Hons), PGDipSci, MSc, MAppSc

ELEC 444 Logic Synthesis
NO 0.0833 EFTS OL, OC 10 points
Introduction to logic synthesis in FPGAs, followed by an overview of the implementation of algorithms in hardware, including the representation of data and signals.

LT BSc(Hons), PGDipSci, MSc, MAppSc

EMAN 201 Thermoprocesses 1
S1 0.15 EFTS OL, OC 18 points
Heat and work processes, the thermodynamic properties of fluids and gases, cyclic and non-cyclic processes, thermodynamic potentials and availability.

P One of PHSI 110, 131, 132, 191
PC MATH 160
R PHSI 263
SC Science

EMAN 204 Energy Resources
S1 0.15 EFTS OL, OC 18 points
Environmental, economic and technical ranking of contemporary sources of energy including non-renewable and renewable resources. Energy storage transportation, interconversion and end use systems.

P 54. 100-point level
PC MATH 160 or 170
R EMAN 404
SC Science

EMAN 301 Fluids and Heat Transfer
S1 0.15 EFTS OL, OC 18 points
Boundary layer theory in fluid flow, energy and momentum transfer, dimensional analysis, correlations. Heat exchanger design and combustion technology including modelling and design.

P EMAN 201
RP MATH 203
SC Science

EMAN 308 Thermoprocesses 2
S2 0.15 EFTS OL, OC 18 points
Gas mixtures, psychrometry, air conditioning, compressed air processes, refrigeration and power cycles, combustion, emission and instrumentation.

P EMAN 201
PC MATH 160, 170
R EMAN 202
RP MATH 203
SC Science

EMAN 310 Special Topic
NO 0.15 EFTS OC, DP 18 points

SC Science

EMAN 402 Project Optimisation
S1 0.1667 EFTS OL, OC 20 points
First and second law analysis, entropy, exergy and pinch methods for process analysis. Process optimisation, integration and applications.

Note: See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

Key
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Energy Management
Prescriptions

SC Arts and Music

controversies over prizes and literary merit.

A study of literary classics that have attracted controversy for reasons including political content; issues of morality/

An introduction to the fundamentals of effective speaking

ENGL 128 Effective Communication

S1 0.15 EFTS OL, OC 18 points

Anf an introduction to the fundamentals of effective speaking and writing, exploring a variety of contexts in which language is used. Enables students to communicate more effectively in tutorials, labs and written assignments. Complements ENGL 127.

R SURV 113, ENGL 124

SC Arts and Music

ENGL 131 Controversial Classics

S2 0.15 EFTS OL, OC 18 points

A study of literary classics that have attracted controversy for reasons including political content; issues of morality/ obscenity; transgressing conventions of form, polemical works, questions of authorial identity and authenticity; controversies over prizes and literary merit.

SC Arts and Music

ENGL 240 Modernism: Joyce

NO 0.15 EFTS OL, OC 18 points

An intensive study of James Joyce’s Ulysses inquiring into selected aspects of Modernism.

P 54 100-level points

R ENGL 340

SC Arts and Music

ENGL 241 Irish-Scots Gothic and the Gothic as Genre

S1 0.15 EFTS OL, OC 18 points

Vampires, ghosts, and haunted homes: a study of the Gothic with particular reference to Irish-Scots Gothic.

P 54 100-level points

R ENGL 341

SC Arts and Music

ENGL 242 New Zealand Literature: Connecting Worlds

S1 0.15 EFTS OC 18 points

A study of New Zealand literature, focusing on the kinds of historical and contemporary connections New Zealand has to other regions, histories and cultures.

SC Arts and Music

ENGL 243 Tartan Noir: Scottish Crime Fiction

S1 0.15 EFTS OL, OC 18 points


P One 100-level ENGL paper or 36 points

SC Arts and Music

Note: Cannot be credited together with ENGL 260 passed in 2013, 2014, 2015.

ENGL 250 Special Topic: Irish Literature in English

NO 0.15 EFTS OL, OC 18 points

A special study of Irish literature written in English.

P One 100-level ENGL paper (excluding ENGL 126) or 36 points

SC Arts and Music

ENGL 251 Special Topic: Word and Image: The Graphic Novel

NO 0.15 EFTS OC 18 points

An overview of representative genres of the modern graphic novel, considering sequential art in light of theories of reception, adaptation and representation.

P 36 points

SC Arts and Music

ENGL 260 Special Topic

NO 0.15 EFTS OL, OC 18 points

A study of major English authors in the sixteenth and seventeenth centuries from More to Milton.

P 18 200-level ENGL points

SC Arts and Music

ENGL 311 Renaissance Literature

NO 0.15 EFTS OL, OC 18 points

A study of major English authors in the sixteenth and seventeenth centuries from More to Milton.

P 18 200-level ENGL points

SC Arts and Music

ENGL 312 Literature in the Age of Invention

NO (2020) 0.15 EFTS OL, OC 18 points

A study of major innovations in prose, drama, and verse between 1660 and 1800, particularly the rise of the novel, in relation to colonial expansion and emerging industrialisation.

P 18 200-level ENGL points

SC Arts and Music
<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester</th>
<th>EFTS</th>
<th>Credit Points</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 313</td>
<td>Victorian Literature</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of a range of nineteenth and twentieth-century poetry.</td>
</tr>
<tr>
<td>ENGL 315</td>
<td>Medieval Literature 2</td>
<td>NO</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of Chaucer and other Middle English authors.</td>
</tr>
<tr>
<td>ENGL 319</td>
<td>Modern and Contemporary Poetry</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of a range of twentieth and twenty-first-century poetry.</td>
</tr>
<tr>
<td>ENGL 320</td>
<td>Advanced Creative Writing</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An advanced workshop-based paper covering technical and professional aspects of creative writing.</td>
</tr>
<tr>
<td>ENGL 323</td>
<td>Fantasy and the Imagination</td>
<td>SS</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An advanced examination of fantasy literature, from Tolkien to Game of Thrones, and the interaction between the literary and the visual, by way of illustrations, dust jackets, stage-plays, videogames, TV and movies.</td>
</tr>
<tr>
<td>ENGL 332</td>
<td>Postcolonial Literatures</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of British verse and prose of the late eighteenth and early nineteenth centuries, ranging from Wordsworth and Blake to Jane Austen and John Clare.</td>
</tr>
<tr>
<td>ENGL 334</td>
<td>Textuality and Visuality</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of colonial expansion and from contemporary contexts of travel and writing.</td>
</tr>
<tr>
<td>ENGL 335</td>
<td>Romantic Literature</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An advanced examination of fantasy literature, from Tolkien to Game of Thrones, and the interaction between the literary and the visual, by way of illustrations, dust jackets, stage-plays, videogames, TV and movies.</td>
</tr>
<tr>
<td>ENGL 337</td>
<td>Creative Writing; Travel Narratives</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A practical course on writing travel narratives, with an emphasis on examining noted examples of travel writing from throughout history.</td>
</tr>
<tr>
<td>ENGL 340</td>
<td>Modernism; Joyce</td>
<td>NO</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An intensive study of James Joyce’s <em>Ulysses</em> inquiring into selected aspects of Modernism.</td>
</tr>
<tr>
<td>ENGL 341</td>
<td>Irish-Scots Gothic and the Gothic as Genre</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A survey of digital literature that applies narrative theory to digital fiction and poetry, interactive fictions, multi-user discourses, and blogs.</td>
</tr>
<tr>
<td>ENGL 342</td>
<td>Digital Literature: Technologies of Storytelling</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A survey of digital literature that applies narrative theory to digital fiction and poetry, interactive fictions, multi-user discourses, and blogs.</td>
</tr>
<tr>
<td>ENGL 350</td>
<td>Special Topic: Contemporary Irish and Scottish Poetry</td>
<td>NO</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An exploration of twenty-first-century fiction, focusing on innovations in literary form with an emphasis on literature's engagement with major contemporary ethical and political issues.</td>
</tr>
<tr>
<td>ENGL 351</td>
<td>Special Topic: 21st Century Fiction: Reading Today's World</td>
<td>NO</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An exploration of twenty-first-century fiction, focusing on innovations in literary form with an emphasis on literature's engagement with major contemporary ethical and political issues.</td>
</tr>
<tr>
<td>ENGL 353</td>
<td>Reading Minds: Literature and Psychology</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>The psychological dimensions of prominent literary texts, canvassing the complex relationship between literature and psychology from a broad range of perspectives.</td>
</tr>
<tr>
<td>ENGL 358</td>
<td>Engaging Literary Stories</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>Examination of classroom techniques and scholarly arguments, drawing on short stories from Hawkhorne to Manthire. Enhances both research and writing skills.</td>
</tr>
<tr>
<td>ENGL 360</td>
<td>Old English</td>
<td>NO</td>
<td>0.1667 EFTS</td>
<td>20</td>
<td>An intensive study of <em>Beowulf</em> and its literary, historical, and cultural background.</td>
</tr>
<tr>
<td>ENGL 362</td>
<td>Middle English</td>
<td>NO (2020)</td>
<td>0.1667 EFTS</td>
<td>20</td>
<td>A survey of courtly, popular, and religious literature and drama of the fourteenth and fifteenth centuries.</td>
</tr>
<tr>
<td>ENGL 364</td>
<td>Irish-Scots Gothic and the Gothic as Genre</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A survey of digital literature that applies narrative theory to digital fiction and poetry, interactive fictions, multi-user discourses, and blogs.</td>
</tr>
<tr>
<td>ENGL 366</td>
<td>Engaging Literary Stories</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>Examination of classroom techniques and scholarly arguments, drawing on short stories from Hawkhorne to Manthire. Enhances both research and writing skills.</td>
</tr>
<tr>
<td>ENGL 375</td>
<td>Textuality and Visuality</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of colonial expansion and from contemporary contexts of travel and writing.</td>
</tr>
<tr>
<td>ENGL 380</td>
<td>Modernism; Joyce</td>
<td>NO</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An intensive study of James Joyce’s <em>Ulysses</em> inquiring into selected aspects of Modernism.</td>
</tr>
<tr>
<td>ENGL 382</td>
<td>Postcolonial Literatures</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A study of British verse and prose of the late eighteenth and early nineteenth centuries, ranging from Wordsworth and Blake to Jane Austen and John Clare.</td>
</tr>
<tr>
<td>ENGL 385</td>
<td>Romantic Literature</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>An intensive study of <em>Beowulf</em> and its literary, historical, and cultural background.</td>
</tr>
<tr>
<td>ENGL 387</td>
<td>Creative Writing; Travel Narratives</td>
<td>NO (2020)</td>
<td>0.15 EFTS</td>
<td>18</td>
<td>A practical course on writing travel narratives, with an emphasis on examining noted examples of travel writing from throughout history.</td>
</tr>
<tr>
<td>ENGL 390</td>
<td>Writing the Nation: Fact or Fiction</td>
<td>NO</td>
<td>0.1667 EFTS</td>
<td>20</td>
<td>A study of modernity and national identity, focusing on <em>Game of Thrones</em> and its literary, historical, and cultural background.</td>
</tr>
</tbody>
</table>

**Key**

1: first semester; 2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; NO: not offered in 2019; NO (2000): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by distance learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; RC: Required concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. #Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

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**English and Linguistics (single major subject)**

See Arts programme requirements (page 54).
Entrepreneurship

Note for ENTR 411, 413-415, 421: These papers include a one-week on-campus component.

ENTR 411 Introduction to Entrepreneurship
N1 0.1667 EFTS OL, OC, DL 20 points
An introduction to the concepts of entrepreneurship. Factors that lead towards entrepreneurial success and the skills and behaviours necessary to be a successful international entrepreneur.
LT MEntr, MinBus, PGDipCom
Note: International students should enrol for the on-campus offering of this paper.

ENTR 412 Feasibility Analysis
N1 0.1667 EFTS OL, OC, DL 20 points
The techniques used to create and evaluate new concepts or new business opportunities. Feasibility analysis processes, including concept generation, concept screening and analysis.
PC ENTR 411
LT MEntr, PGDipCom
Note: For ENTR 413 - 415, 420, 421 and 525: International students should enrol for the on-campus offering of this paper.

ENTR 413 Finance for Entrepreneurs
N1 0.1667 EFTS OL, OC, DL 20 points
The concepts, techniques, instruments and institutions involved in raising new venture finance and private equity. Accounting issues involved in achieving successful outcomes. Entrepreneurial finance, venture and corporate venture capital.
PC ENTR 412
LT MEntr, PGDipCom

ENTR 414 Marketing and Selling
N1 0.1667 EFTS OL, OC, DL 20 points
Marketing principles, personal selling, sales management and other aspects of marketing relevant to entrepreneurs operating in a global environment.
PC ENTR 413
LT MEntr, PGDipCom

ENTR 415 New Venture Strategy
N1 0.1667 EFTS OL, OC, DL 20 points
Planning and managing growth in a new entity. Legal and ethical issues. Exit strategies.
PC ENTR 414
LT MEntr, MinBus, PGDipCom
Note: The pre-enrolment requirement may be waived for MinBus students.

ENTR 420 Sustainable Entrepreneurship
N1 0.1667 EFTS OL, OC, DL 20 points
An applied entrepreneurship paper that explores the development of innovative business models and new ventures that are designed to provide sustainable social and environmental benefits.
PC ENTR 415
LT MEntr, MSABus, PGDipCom
Note: The pre-enrolment requirement may be waived for MinBus students.

ENTR 421 Technology and Entrepreneurship
N1 0.1667 EFTS OL, OC, DL 20 points
An applied entrepreneurship paper that explores the development of innovative business models and new commercial ventures within the field of science and technology.
PC ENTR 415
LT MEntr, PGDipCom, MAPsci, PGDipAppSc, PGCertAppSc

ENTR 525 Business Project
N1, N2 0.5 EFTS OL, OC 60 points
A project based paper in which students prepare a comprehensive report on the development of a new venture that is ready to attract external equity.
PC ENTR 415
LT MEntr

Environmental Management
See Applied Science programme requirements (page 80 and minor subject requirements (page 100).

Environmental Toxicology
See minor subject requirements (page 100).

Ethnomusicology
See minor subject requirements (page 100).

European Studies

EURO 101 Introduction to European Studies
NO 0.15 EFTS OL, OC 18 points
An introduction to the study of Europe, from Greek antiquity to the European Union. Discusses European notions of self, state and citizen, and how these have established the idea of Europe.
SC Arts and Music

EURO 202 The Culture of the European City
S1 0.15 EFTS OL, OC 18 points
The study of twentieth-century literary and film texts in the context of contemporary urban Europe, with particular reference to Paris, Prague, Berlin, Madrid, St. Petersburg and Bucharest.
P Two 100-level ENGL, FREN, GERM, PORT OR SPAN papers (excluding ENGL 126)
R EURO 302, COML 201
SC Arts and Music

EURO 302 The Culture of the European City
S1 0.15 EFTS OL, OC 18 points
The study of twentieth-century literary and film texts in the context of contemporary urban Europe, with particular reference to Paris, Prague, Berlin, Madrid, St. Petersburg and Bucharest.
P Two 200-level ENGL, FREN, GERM, PORT OR SPAN papers.
R EURO 202, COML 201
SC Arts and Music

EURO 304 Europe: Ideas and Nations
NO 0.15 EFTS OL, OC 18 points
An in-depth study of Europe since the Enlightenment. Discusses key thinkers who have shaped the idea of Europe.
P 72 points from Arts and Music Schedule
SC Arts and Music
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

Exercise and Sport Science
See Physical Education programme requirements (page 68).

Environmental History of New Zealand
S1 0.15 EFTS OL, OC 18 points
Historical overview of environmental impacts and human expectations from the first settlement of Aotearoa to the present.
P 54 points
SC Arts and Music, Science

Understanding Environmental Issues
S2 0.15 EFTS OL, OC 18 points
An examination of contemporary environmental issues using concepts of scientific understanding, social, political and cultural construction and contestation, and intervention and transformation strategies.
P ENVI 111 or 108 points
SC Arts and Music

Interdisciplinary Aspects of Climate Change
S2 0.15 EFTS OL, OC 18 points
The scientific basis for, impacts of, and law and policy responses to climate change.
P ENVI 111 or 108 points
SC Arts and Music

Environmental and Society

ENVI 111 Environment and Society
S1 0.15 EFTS OL, OC 18 points
Fundamentals of the Earth’s environmental systems; human impact on natural systems at global, national and regional scales. Environmental hazards, concerns and issues; ethical, legislative, economic, and political responses and constraints.
SC Arts and Music, Science

Finance

FINC 102 Business Mathematics
ES 0.15 EFTS OC 18 points
An integrated treatment of mathematics (algebra, matrices, calculus, optimisation) and modelling techniques, with an emphasis on applications.
P-finQ 102, MATH 102, 106, QUAN 102
SC Commerce

FINC 202 Investment Analysis and Portfolio Management
ES 0.15 EFTS OL, OC 18 points
P (BSNS 102 or 112) and (BSNS 108 or 114) (each passed with a grade of at least C+) and (FINC 102 or FINC 102B)
SC Commerce

FINC 203 Financial Data Analysis
S1 0.15 EFTS OL, OC 18 points
A second course in business statistics with an emphasis on data analysis in finance problems.
P BSNS 102 or 112 (passed with a grade of at least C+)
PC FINC 102 or FINC 102
R ECON 210, STAT 241
SC Commerce

FINC 204 Personal Finance
S5 0.15 EFTS OL, OC 18 points
Principles and techniques for handling personal financial decisions. Topics include savings and investment considerations, personal risk management, use and cost of credit, financing alternatives, retirement, estate and tax planning.
P Any six papers
SC Commerce

FINC 206 Fundamentals of Corporate Finance
S2 0.15 EFTS OL, OC 18 points
The theory and application of why and how optimal corporate financial decisions are made. Designed to prepare students to develop leadership skills necessary for making value-changing financial decisions that maximise firm value.
P (BSNS 102 or 112) and (BSNS 107 or 115) and (BSNS 108 or 114) (each passed with a grade of at least C+)
R ACPR 201, ACPR 213, FINC 201
SC Commerce

FINC 302 Applied Investments
S1 0.15 EFTS OL, OC 18 points
Techniques for empirical testing and practical application of investment theory.
P FINC 202
SC Commerce

FINC 303 Financial Management
S2 0.15 EFTS OL, OC 18 points
Uses finance cases to develop the tools and analytical skills necessary to make financial decisions.
P FINC 202 and (ACPR 201 or ACPR 233 or FINC 206)
SC Commerce

FINC 304 Financial Markets and Institutions
S1 0.15 EFTS OL, OC 18 points
The operations of the New Zealand banking system and capital markets and the management of financial institutions.
P One of ACPR 233, ACPR 201, FINC 202, 206
R ACPR 304
SC Commerce

Ethnomusicology
FOSC 305 International Financial Management
S1 0.15 EFTS OL, OC 18 points
Introduction to multinational enterprise and financial management including operation of foreign exchange markets, methods of hedging foreign exchange risks, overseas financing and investment decisions and international working capital management.
P: One of ACCT 233 or ACFI 201 or FINC 206
R: ACFI 305
SC: Commerce
FINC 306 Derivatives
S2 0.15 EFTS OL, OC 18 points
A comprehensive analysis of the properties of options and futures, offering a no-arbitrage theoretical framework within which all derivatives can be valued and hedged.
P: FINC 202
SC: Commerce
FINC 308 Financial Econometrics
S2 0.15 EFTS OL, OC 18 points
Aspects of distribution theory and regression analysis, and an applied study of time series modelling techniques and forecasting.
P: FINC 203
SC: Commerce
FINC 309 Financial Modelling
NO 0.15 EFTS OL, OC 18 points
A study of simulation, model building techniques and linear programming techniques designed for students who will be working in finance and/or desire to study quantitative modelling.
P: FINC 203 and (FINC 206 or ACFI 210)
SC: Commerce
FINC 310 Fixed Income Security Analysis
NO 0.15 EFTS OL, OC 18 points
An introduction to the products, valuation, and portfolio management of fixed income securities.
P: FINC 202 and (FINC 102 or FINC 102 or QUAN 102)
SC: Commerce
FINC 399 Special Topic
NO 0.15 EFTS OL, OC 18 points
Aspects of finance theory and policy and international financial management. Includes directed reading and seminars related to corporate financial management.
RP: FINC 303
FINC 402 Advanced Corporate Finance
S1 0.1667 EFTS OL, OC 20 points
An introduction to the finance literatures relating to internal and external governance mechanisms and their effectiveness across publicly listed firms.
P: FINC 303
Note: With approval from the Head of Department, the normal prerequisites may be waived for students with an equivalent level of knowledge.
FINC 460 Advanced Fixed Income Securities
NO 0.1667 EFTS OC 20 points
Topics relevant to fixed income securities. Students are exposed to literature about fixed income securities, prepare a research project and learn the skills of presentation.
Note: Admission subject to approval from Head of Department.
FINC 480 Dissertation or Case Study
FY 0.3333 EFTS OL, OC 40 points
A dissertation or case study of not more than 10,000 words.
FINC 499 Special Topic
NO 0.1667 EFTS OL, OC 20 points
An investigation of a business problem (real or simulated), backed by appropriate applied and academic literature.
LT: MFin
FOSC 311 Food Product Development
N1, N2 0.3333 EFTS OL, OC 40 points
Investigation of a problem at a critical and analytical level, backed by appropriate applied and academic literature.
LT: MFin
FOSC 301 Food Chemistry, Structure and Function
S2 0.15 EFTS OL, OC 18 points
Physical chemistry of food dispersions, colloidal and surface chemistry, food component interactions, food functionality, release of flavour and bioactive compounds, digestion and structure, enzymatic reactions that create structure and flavour.
P: FOSC 201, CHEM 191 and (FOSC 202 or 213)
SC: Science
FOSC 302 Food Preservation and Processing
S1 0.15 EFTS OL, OC 18 points
Methods of processing and preserving food, processing equipment used, the effect on food quality, and biotechnology in the food industry. Emerging technologies in food preservation.
P: FOSC 201
SC: Science
FOSC 304 Food Science Project
ES, FY 0.15 EFTS OL, OC 18 points
Individual project work on an aspect of food science.
P: FOSC 201, two of FOSC 202, 213, MICR 221
R: FOSC 311
SC: Science
FOSC 306 Advanced Sensory Science
S1 0.15 EFTS OL, OC 18 points
Understanding and applying the principles of descriptive analysis. Advanced methods of data collection and analysis for consumer data. Applications of sensory science in the food industry and research settings.
P: FOSC 206 or 213
SC: Science
FOSC 308 Food and Consumers
S2 0.15 EFTS OL, OC 18 points
Why do people eat what they do and how might we impact upon these choices? These are the questions explored in this course which provides an interdisciplinary review of food choice.
P: FOSC 111 and 54 200-level points
FOSC 309 Consumer Food Science Project
ES, FY 0.15 EFTS OL, OC 18 points
Individual project work on an aspect of consumer food science.
P: FOSC 201, 202, 213
R: FOSC 311
SC: Science
FOSC 311 Food Product Development
FY 0.3 EFTS OL, OC 36 points
The technical problem-solving phase of product development set in a simulated industrial research and development situation.
P: (FOSC 112 or MART 112) FOSC 201, 202, 213
R: FOSC 304, 309
SC: Science

Food Science as a major or minor subject, the prerequisite is (FOSC 111 or CHEM 191) and 36 further 100-level points.

FOSC 202 Food Systems 2
S2 0.15 EFTS OL, OC 18 points
Detailed study of the physical, biochemical and chemical characteristics common to food groups. A description of the technology associated with the production of commonly eaten food products is presented and related to changes in composition.
P: FOSC 201
SC: Science
FOSC 213 Sensory Science
S2 0.15 EFTS OL, OC 18 points
Perception and measurement of sensory qualities found in consumer products. Selecting appropriate sensory methods, experimental design, data analysis and interpretation. Applications of sensory methods in research and the food industry.
P: STAT 110 or 115
PC: FOSC 201
SC: Science
FOSC 301 Food Chemistry, Structure and Function
S2 0.15 EFTS OL, OC 18 points
Physical chemistry of food dispersions, colloidal and surface chemistry, food component interactions, food functionality, release of flavour and bioactive compounds, digestion and structure, enzymatic reactions that create structure and flavour.
P: FOSC 201, CHEM 191 and (FOSC 202 or 213)
SC: Science
FOSC 302 Food Preservation and Processing
S1 0.15 EFTS OL, OC 18 points
Methods of processing and preserving food, processing equipment used, the effect on food quality, and biotechnology in the food industry. Emerging technologies in food preservation.
P: FOSC 201
SC: Science
FOSC 304 Food Science Project
ES, FY 0.15 EFTS OL, OC 18 points
Individual project work on an aspect of food science.
P: FOSC 201, two of FOSC 202, 213, MICR 221
R: FOSC 311
SC: Science
FOSC 306 Advanced Sensory Science
S1 0.15 EFTS OL, OC 18 points
Understanding and applying the principles of descriptive analysis. Advanced methods of data collection and analysis for consumer data. Applications of sensory science in the food industry and research settings.
P: FOSC 206 or 213
SC: Science
FOSC 308 Food and Consumers
S2 0.15 EFTS OL, OC 18 points
Why do people eat what they do and how might we impact upon these choices? These are the questions explored in this course which provides an interdisciplinary review of food choice.
P: FOSC 111 and 54 200-level points
FOSC 309 Consumer Food Science Project
ES, FY 0.15 EFTS OL, OC 18 points
Individual project work on an aspect of consumer food science.
P: FOSC 201, 202, 213
R: FOSC 311
SC: Science
FOSC 311 Food Product Development
FY 0.3 EFTS OL, OC 36 points
The technical problem-solving phase of product development set in a simulated industrial research and development situation.
P: (FOSC 112 or MART 112) FOSC 201, 202, 213
R: FOSC 304, 309
SC: Science
Forensic Analytical Science

FORS 201 Analytical and Forensic Science
S1 0.15 EFTS OL, OC 18 points
An introduction to analytical techniques in modern forensic science. The analysis of physical and biological evidence and the role of science in the judicial system.
P CELS 191, CHEM 191 and 54 further points from Science Schedule C
SC Science

FORS 301 Analytical Forensic Biology
S2 0.15 EFTS OL, OC 18 points
Forensic applications of biological information, particularly DNA, and its integration with other biological evidence. Emphasis on the practical rigour required for such analyses, and estimation of error and uncertainty in forensic data, and the statistical interpretation of such data.
P FORS 201
RP GENE 222
SC Science

FORS 401 Application of Forensic Science
P 0.1667 EFTS OL, OC 20 points
Detailed treatment of recent advancements in analytical science and how the new technologies are validated and implemented in the forensic context, including biosafety, food authentication and criminal forensics.

French

FREN 105 Introductory French for Beginners
SS 0.15 EFTS OL, OC 18 points
An introduction to French for students with little or no previous knowledge of the language. The paper takes an integrated approach to the skills of language acquisition, focusing on practical survival skills.
SC Arts and Music

FREN 131 Introductory French 1
S1 0.15 EFTS OL, OC 18 points
Intensive French language for beginners and very near beginners.
SC Arts and Music

FREN 132 Introductory French 2
S2 0.15 EFTS OL, OC 18 points
An advanced-beginner-level communicative paper for students with some previous knowledge of French.
SC Arts and Music

FREN 231 Advanced French 1
S1 0.15 EFTS OL, OC 18 points
Written and oral French consolidating ground already acquired. The objectives are vocabulary expansion, a broad knowledge of language structures and the ability to communicate in French.
SC Arts and Music

FREN 232 Advanced French 2
S2 0.15 EFTS OL, OC 18 points
A practical language paper focusing on professional situations (business, law, commerce).
SC Arts and Music

FREN 250 Crossroads in French Cultural Space
S1 0.15 EFTS OL, OC 18 points
An intermediate-level exploration of the contemporary French cultural landscape through a variety of genres, such as literature, drama and film.
SC Arts and Music

Food Service Management
See minor subject requirements (page 101).

Forensic Biology

FORB 201 Forensic Biology
SS 0.15 EFTS OL, OC 18 points
An introduction to forensic biology: Trace and contact evidence, DNA, body fluids, traumatology, forensic entomology, toxicology and fibre analysis.
P 54 points
SC Science

French

FREN 333 Advanced French 1
S1 0.15 EFTS OL, OC 18 points
An extension of the communicative approach seeking to develop linguistic skills appropriate to students’ future career and social needs.
P FREN 211 or 232
R FREN 311, 331, 334 or any other more advanced French language paper
SC Arts and Music

FREN 334 Advanced French 2
S2 0.15 EFTS OL, OC 18 points
An extension of the communicative approach seeking to develop linguistic skills appropriate to students’ future career and social needs.
P FREN 333
R FREN 311 or 331 or 335 or any other more advanced French language paper
SC Arts and Music

FREN 335 Advanced French 3
S1 0.15 EFTS OL, OC 18 points
An extension of the communicative approach seeking to develop linguistic skills appropriate to students’ future career and social needs.
P One of FREN 221, 311, 331, 334
R FREN 321, 332, 336
SC Arts and Music

FREN 336 Advanced French 4
S2 0.15 EFTS OL, OC 18 points
An extension of the communicative approach seeking to develop linguistic skills appropriate to students’ future career and social needs.
P One of FREN 221, 311, 331, 335
R FREN 321, 332
SC Arts and Music

FREN 341 Topics in French
S2 0.15 EFTS OL, OC 18 points
Topics in French language and culture, taught and examined in French.
P FREN 211 or 232
SC Arts and Music

FREN 342 French Culture in the Seventeenth Century
NO 0.15 EFTS OL, OC 18 points
The close study of a selection of works from the golden age of France’s cultural history, the seventeenth century. (For students with knowledge of French, texts will be in French.)
P 18 200-level FREN points
R FREN 312, 362
SC Arts and Music

FREN 343 The French Enlightenment
NO 0.15 EFTS OL, OC 18 points
The close study of a selection of works illustrating the intellectual, religious and moral concerns of the eighteenth-century French enlightenment. (For students with knowledge of French, texts will be in French.)
P 18 200-level FREN points
R FREN 312, 363
SC Arts and Music

FREN 350 Crossroads in French Cultural Space
S1 0.15 EFTS OL, OC 18 points
An advanced exploration of the contemporary French cultural landscape through a variety of genres, such as literature, drama and film.
P 36 200-level points
R FREN 250
SC Arts and Music

FREN 441 Advanced Topics in French
ES 0.1667 EFTS OL, OC 20 points
Topics in French language and culture, taught and examined in French.
P 18 200-level FREN points
R FREN 312, 363
SC Arts and Music

FREN 451 Studies in French
ES 0.1667 EFTS OL, OC 20 points
Studies in French language and culture undertaken at a partner university in France or Canada.
LT BA(Hons), PG Dip Arts
Functional Human Biology
See Biomedical Sciences programme requirements (page 95)

Gender Studies

GEND 101 Gender in Everyday Life
S1 0.15 EFTS OL, OC 18 points
Explores the social relationships between women and
men in the family, popular culture, education, workplaces
and other everyday settings, focusing on New Zealand
examples from past and present.
SC Arts and Music

GEND 102 Bodies, Sexualities and Selves
S1 0.15 EFTS OL, OC 18 points
Explores the connections between bodies, sexuality
and gender, and the connections between them, in contemporary and historical
settings, using New Zealand and international examples.
SC Arts and Music

GEND 201 Introduction to Feminist Theory
S1 0.15 EFTS OL, OC 18 points
An exploration of aspects of feminist theory in the context of
selected topics.
SC Arts and Music

GEND 205 Gender and the Media
S1 0.15 EFTS OL, OC 18 points
Explores society's constructions of gender as formative of,
and reproduced by, media, and how that process is subject
to change. Considers the production, consumption and circulation of media in various forms.
SC Arts and Music

GEND 206 Gender, Work and Consumer Culture
S2 0.15 EFTS OL, OC 18 points
Explores the relationships between gender, paid and unpaid
work, and cultures of consumption. Topics include labour
force change, gendered production of consumer goods,
fashion, retailing and the consumption of gender identities.
SC Arts and Music

GEND 207 Masculinities
S1 0.15 EFTS OL, OC 18 points
A critical exploration of the social construction of
masculinity, drawing upon a range of approaches from feminism,
sociology and cultural theory. New Zealand masculinities
are considered within an historical and international
context.
Note: Not may be credited together with GEND 234 or 334 passed in 2002.
SC Arts and Music

GEND 208 Governing Bodies
NO (2020) 0.15 EFTS OL, OC 18 points
A critical exploration of the relationship between feminism,
state power and issues of gender, sexuality and family,
drawing upon approaches from feminism, political
theory, criminology, and critical legal studies.
P One of GEND 101, 102, POLS 110, PHIL 103 or 54 points
SC Arts and Music

GEND 209 Critical Victimization
S2 0.15 EFTS OL, OC 18 points
The emergence of victimology within the field of
criminology, the evolution of different victimological
perspectives, and the relationship between victims of
crime and the criminal justice system.
SC Arts and Music

GEND 210 Gender, Crime and Justice
S1 0.15 EFTS OL, OC 18 points
Feminist critical approaches to contemporary debates around gender and justice, and critical examination of
traditional and alternative responses.
P One 100-level GEND or SOCI points or 54 points
SC Arts and Music

GEND 232 Special Topic
NO (2020) 0.15 EFTS OC 18 points
A special topic in Gender Studies.
SC Arts and Music

GEND 234 Special Topic
NO (2020) 0.15 EFTS OC 18 points

GEND 305 Gender and the Media
S1 0.15 EFTS OL, OC 18 points
Explores society's constructions of gender as formative of,
and reproduced by, media, and how that process is subject
to change. Considers the production, consumption and circulation of media in various forms.
SC Arts and Music

GEND 306 Gender, Work and Consumer Culture
S2 0.15 EFTS OL, OC 18 points
Explores the relationships between gender, paid and unpaid
work, and cultures of consumption. Topics include labour
force change, gendered production of consumer goods,
fashion, retailing and the consumption of gender identities.
SC Arts and Music

GEND 307 Masculinities
S1 0.15 EFTS OL, OC 18 points
A critical exploration of the social construction of
masculinity, drawing upon a range of approaches from feminism,
sociology and cultural theory. New Zealand masculinities
are considered within an historical and international
context.
SC Arts and Music

GEND 308 Governing Bodies
NO (2020) 0.15 EFTS OL, OC 18 points
A critical exploration of the relationship between feminism,
state power and issues of gender, sexuality and family,
drawing upon approaches from feminism, political
theory, criminology, and critical legal studies.
P One of GEND 101, 102, POLS 110, PHIL 103 or 54
SC Arts and Music

GEND 309 Critical Victimization (Advanced)
S2 0.15 EFTS OL, OC 18 points
The emergence of victimology within the field of
criminology, the evolution of different victimological
perspectives, and the relationship between victims of
crime and the criminal justice system.
P One 200-level GEND, CRIM or SOCI points or 54 points
SC Arts and Music

GEND 310 Gender, Crime and Justice
S1 0.15 EFTS OL, OC 18 points
Feminist victimological approaches, contemporary debates around gender and justice, and critical examination of
traditional and alternative responses.
P One 200-level GEND or SOCI points or 108 points
SC Arts and Music

GEND 311 Interventions in Sexual Violence
S1 0.15 EFTS OL, OC 18 points
Exploration of theoretical and empirical work that looks
into the causes and resolution of the problem of sexual violence.
Engagement with and critical evaluation of a variety of
prevention approaches.
P One 200-level GEND or SOCI points or 108 points
SC Arts and Music

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GENA 704 Te Tūhauora: Māori Health
NO (2020) 0.25 EFTS OL, DL 30 points
A theory and practice paper particularly suitable for those working in primary health care. Includes historical, social and political contexts for Māori health including the Treaty of Waitangi, current Māori health status and priorities, concepts and models of health and well-being, frameworks for assessment and intervention, and Māori health initiatives and models for primary care delivery.
R GENX 704
LT PC GENA 704 or GENX 704
L Wellington
LT PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRPHP, MHealSc, PGDipHealSc
Note: Includes residential period(s).

GENA 708 Supervised Research Project
EO, FP, GS, HS, JG, LS, MS, OS, PS, QD, RZ (2020) 0.25 EFTS OL, DL 30 points
In approved circumstances, individual students can undertake a supervised research project after showing necessary competence in other papers. Supervision from either Department of General Practice, Dunedin or Department of Primary Health Care, Wellington.
R GENX 708
LT PC GENA 708
L Dunedin, Wellington
Note: Includes residential period(s).

GENA 709 Long-term Condition Management
NO (2020) 0.25 EFTS OL, DL 30 points
Principles of effective long-term condition management, including models of care, practice-based resources, cultural competence, case management, early detection, impact of chronic conditions, and end-of-life care.
R NURS 427, NURX 427, GENX 709
LT PC GENA 709, PC GENX 709
L Wellington
Note: (i) Includes residential period(s). (ii) Students must hold a recognised qualification as a health professional and be currently employed in a primary health care setting.

GENA 711 Long-term Condition Management (Advanced)
NO (2020) 0.25 EFTS OL, DL 30 points
Principles of ongoing, culturally appropriate long-term condition management, including implementation of patient self-management approaches, integrated care, information technology, complexity approaches, population-based approaches, and change management processes.
R GENX 711
LT PC GENA 711 or GENX 711
L Wellington
Note: Includes residential period(s).

GENA 713 Travel Medicine 1: Introductory Concepts
S1 0.25 EFTS OL, DL 30 points
An overview of Travel Medicine as a specialty area of practice covering the principles of preparing the intending traveller with a focus on prevention, and a detailed knowledge of vaccine preventable illness and travel vaccines.
R GENX 713, 715
LT PC GENA 713, PC GENX 713
L Wellington
Note: Includes residential period(s).

GENA 714 Travel Medicine 2: Applied Concepts
S2 0.25 EFTS OL, DL 30 points
Specific clinical concerns of travellers with special needs and specific clinical contexts, applying the principles from Travel Medicine 1.
R GENX 713 or GENX 713
R GENX 714, 715
LT PC GENA 714, PC GENX 714
L Wellington
Note: Includes residential period(s).

GENA 717 Generalist Medical Echocardiography
FY 0.25 EFTS OL, DL DP 30 points
Principles of generalist-performed echocardiography, its application to medical diagnosis and management, especially in an emergency or rural setting, to more accurately diagnose and appropriately manage medical problems.
PC GENA 717
R GENX 717
LT PC GencPrct, PGDIPRPHP
Note: (i) Prerequisite or corequisite: Antegrade Ultrasound Solutions physics course. (ii) Includes three 3-day residential periods.

GENA 718 Generalist Medical Ultrasound
FY 0.25 EFTS OL, DL DP 30 points
Principles of generalist-performed ultrasound, its application to medical diagnosis and management, especially in an emergency or rural setting, to more accurately diagnose and appropriately manage medical problems.
PC GENA 717 or GENX 717
R GENX 718
LT PC GencPrct, PGDIPRPHP
Note: (i) Prerequisite or corequisite: Antegrade Ultrasound Solutions physics course. (ii) Includes three 3-day residential periods.

GENA 719 Tropical Infectious Disease
S1 0.25 EFTS OL, DL DP 30 points
Overview of the key concepts of tropical infectious disease. Students will gain a good general understanding of tropical infectious diseases, their epidemiology, diagnosis and management.
R GENX 716
LT PC GENA 716
L Wellington
Note: Includes residential period(s).

GENA 720 Refugee and Migrant Health
NO 0.25 EFTS OL, DL DP 30 points
Health needs of refugee and migrant populations relevant to primary care practice. Health issues confronting health professionals working in developing countries.
LT PC GENA 720, PC GENX 720
L Wellington
Note: Includes residential period(s).

GENA 723 Trauma and Emergencies in Rural Settings
S1 0.25 EFTS OL, DL DP 30 points
The management of trauma, medical and surgical emergencies in the rural setting. Includes immediate, intermediate and continuing care for the injured or critically ill patients.
R GENX 723, 724
LT PC GENA 723, PC GENX 723
L Wellington
Note: Includes one period of residential study.

GENA 724 The Context of Rural Hospital Medicine
S1 0.125 EFTS OL 15 points
The context of clinical care in rural hospitals in relation to the person and profession of the doctor, the hospital and the community.
R GENX 724, 725
LT PC GENA 724, PC GENX 724
L Wellington
Note: Includes residential period(s).

GENA 725 Communication in Rural Hospital Medicine
NO (2020) 0.125 EFTS OL 15 points
Clinical skills, knowledge and values required in the rural hospital setting for psychiatry, palliative care, and communication with patients in New Zealand’s bicultural and multicultural society.
R GENX 725
LT PC GENA 725
L Wellington
Note: Includes residential period(s).

GENA 726 Obstetrics and Paediatrics in Rural Hospitals
S2 0.125 EFTS OL 15 points
The management of paediatrics, neonatal care, and obstetric and gynaecological emergencies in a rural hospital setting.
R GENX 721, 722
LT PC GENA 721, PC GENX 721
L Wellington
Note: May not be taken by students who have passed both GENX 721 and 722.

GENA 727 Surgical Specialities in Rural Hospitals
N1 0.125 EFTS OL, DL 15 points
The management of common surgical problems appropriate to be managed in a rural hospital setting. Includes general surgery, urology, vascular surgery, ophthalmology and ENT.
R GENX 727
LT PC GENA 727, PC GENX 727
Note for GENA 728-737: Includes a residential period(s).

GENA 728 Cardiorespiratory Medicine in Rural Hospitals
N1 0.25 EFTS OL, DL 30 points
The management of cardiology and respiratory problems in a rural hospital setting. Includes acute coronary syndromes, arrhythmias, valvular heart problems, airways obstruction and respiratory infections.
R GENX 728
LT PC GENA 728, PC GENX 728

GENA 729 Medical Specialities in Rural Hospitals
N1 0.125 EFTS OL 15 points
The management of acute and chronic common medical problems in a rural hospital setting. Includes gastroenterology, endocrinology, neurology, oncology, rheumatology, rehabilitation medicine and infectious diseases.
R GENX 729
LT PC GENA 729, PC GENX 729

GENA 731 Supporting Healthier Lifestyles: Core Principles
NO 0.125 EFTS OL 15 points
Evidence-based strategies and a person-focused, self- efficacy approach to support patients in achieving changes in lifestyle behaviours.
R GENX 731
LT PC GENA 731, PC GENX 731

GENA 732 Supporting Healthier Lifestyles: Sleep Management
NO 0.125 EFTS OL 15 points
Sleep disorders commonly associated with health risk factors and illnesses, and treatment guidelines for primary/ integrated care health care settings.
LT PC GENA 732, PC GENX 732
L Wellington
Note: Includes residential period(s).

GENA 734 Supporting Healthier Lifestyles: Addiction and Drug Abuse
NO 0.125 EFTS OL 15 points
Addresses the support required in primary/integrated health care settings to implement evidence-based strategies for managing alcohol, tobacco and other substance or behavioural addiction.
LT PC GENA 734, PC GENX 734
L Wellington
Note: Includes residential period(s).

GENA 735 Supporting Healthier Lifestyles: Challenging Conversations
NO 0.125 EFTS OL 15 points
Explores the interactive strategies used by patients and health professionals to manage conversations about lifestyle behaviours/lifestyle change behaviour in the primary health care setting.
LT PC GENA 735, PC GENX 735

GENA 736 Pacific Health
NO 0.25 EFTS OL 30 points
Provides health and social professionals (and other appropriate professionals) with the theoretical and practical knowledge, and skills necessary to understand and manage the health needs of Pacific people living in New Zealand.
LT PC GENA 736, PC GENX 736
L Wellington

GENA 737 Obesity Prevention and Management
S1 0.25 EFTS OL, DL DP 30 points
Determinants of obesity, evidence-based strategies for prevention and management, and the role of primary health care and community through individual, societal and environmental actions.
R GENX 737, GENX 738
LT PC GENA 737, PC GENX 737
L Wellington
GENA 820 Nature of Medical Practice

NO (2020) 0.25 EFTS OL, DL, DP 30 points
The philosophical basis of medical practice; doctors and their relationship in the delivery of medical care. Reflective practice and the incorporation of theory into day-to-day medical work.
R GENX 820
LT PGCertGP, PGCertPHC, PG DipGP, PG DipHealthSc, PG DipRHPHP, M HealSc

GENX 821 Research Methods

NO (2020) 0.25 EFTS OL, DL, DP 30 points
The principles of critical appraisal of health literature, and an introduction to research methodology; research design methods, data collection, research reporting and research ethics.
R GENX 821
LT PGCertGP, PGCertPHC, PG DipGP, PG DipHealthSc, PG DipRHPHP, M HealSc

GENX 822 Advanced Nature of General Practice

S2 0.125 EFTS OL, DL, DP 15 points
In-depth exploration of whole person care in medicine, leading to a critical appreciation of what constitutes good general practice. Modules include hope, loss and suffering, knowing how we practice and patient safety in primary care.
R GENX 822
LT PGCertGP, PGCertPHC, PG DipGP, PG DipHealthSc, PG DipRHPHP, M HealSc

GENX 823 Teaching and Learning in Medical Practice

FY 0.25 EFTS OL, DL, DP 30 points
Examines learning theory, provides opportunities for experiential and group learning, and explores the nature of reflective teaching practice. Areas considered include the process of change, course design and evaluation, teaching methods and the assessment of learning. Learning contexts include medical education, medical practice, and continuing professional development. A balance is provided between core material and the opportunity to develop individual areas of interest and application.
R GENX 823
LT PGCertGP, PGCertPHC, PG DipGP, PG DipHealthSc, PG DipRHPHP, M HealSc

GENX 824 Ethics in General Practice

NO (2020) 0.125 EFTS OL, DL, DP 15 points
Code of practice, medico-legal obligations and practical ethical considerations in general practice.
R GENX 824
LT PGCertGP, PGCertPHC, PG DipGP, PG DipHealthSc, PG DipRHPHP, M HealSc

GENX 825 Culture, Health and Society

S1 0.125 EFTS OL, DL, DP 15 points
The cultural context of medicine and other healing modalities and the meanings that illness experiences have for people in those contexts.
R GENX 825
LT PGCertGP, PGCertPHC, PG DipGP, PG DipHealthSc, PG DipRHPHP, M HealSc

Note: May be taken by other approved students.

GENX 826 Special Topic

NO 0.125 EFTS OL, DL, DP 15 points
This course is taught on a topic of relevance in general practice. The topic and content vary, taught by visitors to the department and by department staff.
R GENX 826

General Practice for Dentistry

GDPR 701 General Practice I

N1 0.5 EFTS OL 60 points
Principles of dental care and how these relate to comprehensive delivery of general practice dentistry.
LT PG DipClinDent

GDPR 702 General Practice II

N1 0.5 EFTS OC 60 points
Clinical practice combined with self-directed special topics designed to allow upgrading of general practice dentistry skills.
LT PG DipClinDent

GDPR 730 General Practice PG DipClinDent Special Topics

N1 0.5 EFTS OC 60 points
LT PG DipClinDent

GDPR 801 General Practice I

NO 0.5 EFTS OL, OC 60 points
Principles of dental care and how these relate to comprehensive delivery of general practice dentistry.
LT MDS

GDPR 802 General Practice II

N2 (2020) 0.5 EFTS OL, OC 60 points
Clinical practice combined with self-directed special topics designed to allow upgrading of general practice dentistry skills.
LT MDS

GDPR 803 General Practice III

N1 0.5 EFTS OL, OC 60 points
Clinical practice combined with a self-directed advanced topic, designed to upgrade of general practice dentistry skills.
LT MDS

GDPR 830 General Practice MDS Special Topics

N1 0.5 EFTS OL, OC 60 points
LT MDS

GDPR 880 General Practice Dissertation

N1 0.5 EFTS OL, OC 60 points
Supervised research presenting the results of an original research project on a relevant topic in the student's area of interest within dentistry.
R GDPR 881

Molecular and Microbial Genetics

GENE 221 0.15 EFTS OL, OC 18 points
Mutations; genetic analysis in bacteria; mobile genetic elements; genetic analysis of regulatory circuits; DNA cloning and sequencing in genetic analysis; comparative microbial genomics; genetics and evolution of viruses of eukaryotes.
P CELS 191, CHEM 191 and 36 further points
R GENE 211
RC BIOC 221
SC Science

GENE 222 Genes, Chromosomes and Populations

S2 0.15 EFTS OL, OC 18 points
Eukaryote genomes and genome evolution; phylogenetics; cytogenticss and chromosomes; extensions of Mendelian genetics; genetic mapping in eukaryotes; genes in populations; quantitative genetics.
P CELS 191 and 90 further points
RP GENE 221, BIOC 221
SC Science

GENE 223 Developmental and Applied Genetics

S2 0.15 EFTS OL, OC 18 points
Developmental genetics of bacteria, yeast, animals and plants; mutant screens to investigate gene function; applications of genetically engineered plants and animals in biotechnology, safety and regulation of GI organisms.
P CELS 191 and 90 further points
RP GENE 221, BIOC 221
SC Science

Evolutionary Genetics

GENE 312 0.15 EFTS OL, OC 18 points
P Two of GENE 221, ZOOL 222
SC Science

Note: In approved cases, another 200-level biological sciences paper may be substituted for one of GENE 221, 222. ZOOL 222.

GENX 313 Medical Genetics

S2 0.15 EFTS OL, OC 18 points
GEC 221, 222, 223
SC Science

Notes: (i) In approved cases, another 200-level biological sciences paper may be substituted for one of GENE 221-223. (ii) This paper includes additional non-streamed lab time that does not appear in the timetable. Please contact the department for further details.

GENE 314 Developmental Genetics

S2 0.15 EFTS OL, OC 18 points
P GENE 223 and (GENE 221 or GENE 222)
SC Science

Notes: (i) This paper includes additional non-streamed lab time that does not appear in the timetable. Please contact the department for further details.

GENE 315 Genomes

S1 0.15 EFTS OL, OC 18 points
Genome content and genetic elements within genomes. Genome variation and its effects within and between species. How genomes influence phenotype. Bioinformatic methods used for analysis of genomes.
P Two of GENE 221, 222, BIOC 221
R GENE 311
SC Science

Notes: (i) GENE 222, BIOC 221 strongly recommended. (ii) In approved cases another paper from the Science schedule may be substituted for one of these papers.

GENE 360 Extension Topics and Research Skills

FY 0.15 EFTS OL, OC, DP 18 points
Guided work and assignments in literature research, evaluation and criticism of published papers, essay writing and data analysis.
SC Science

GENE 411 Current Topics in Genetics

S1 0.1667 EFTS OL, OC, DP 20 points

GENE 412 Current Topics in Genetics

S2 0.1667 EFTS OL, OC, DP 20 points

GENE 480 Research Project

FY 0.3333 EFTS OL, OC, DP 40 points
A supervised project involving research and leading to the production of a research report.
LT PG DipSci, PG DipAppSci

GENE 490 Dissertation

FY 0.5 EFTS OL, OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BAppSc(Hons), BSc(Hons), PG DipSci

GENE 495 Master's Thesis Preparation

FY 0.3333 EFTS OL, OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the years for a Master's degree by papers and thesis.
LT MSc

Prescriptions

See Applied Science programme requirements (page 78) and minor subject requirements (page 101).
Prescriptions

GEOG 101 Physical Geography
S1 0.15 EFTS OL, OC 18 points
An introduction to the geographic study of the Earth’s environmental systems, with particular emphasis on energy, landforms, vegetation, surficial materials and water. Includes laboratory studies, tutorials and field work.
SC Arts and Music, Science

GEOG 102 Human Geography
S2 0.15 EFTS OL, OC 18 points
An introduction to human geography which emphasises population, cultural and human behavioural issues, resource and economic development and settlement systems. Includes laboratory studies, tutorials and field work.
SC Arts and Music, Science

GEOG 210 Social Geography
S2 0.15 EFTS OL, OC 18 points
Geographical aspects of major social issues facing modern Western society.
P GEOG 102 or 108 points
R GEOG 381
SC Arts and Music, Science

GEOG 212 Transformations in Developing Countries
S1 0.15 EFTS OL, OC 18 points
A critical study of major rural and urban development issues and problems in developing countries.
P GEOG 102 or 108 points
R GEOG 382
SC Arts and Music, Science

GEOG 214 Economic Geography of the Post-World War II Era
NO 0.15 EFTS OL, OC 18 points
An examination of the key spatial economic processes and trends which have both characterised and shaped the post-World War II world.
P GEOG 102 or 108 points
R GEOG 374
SC Arts and Music, Science

GEOG 215 Urban Geography
NO (2020) 0.15 EFTS OL, OC 18 points
The urbanisation process, cities as part of an urban system, how social relations help shape patterns of land use and urban form, equity and power in the urban environment.
P GEOG 102 or 108 points
R GEOG 384
SC Arts and Music, Science

GEOG 216 Resource Evaluation and Planning
S1 0.15 EFTS OL, OC 18 points
Geographical aspects of decision-making processes for resource planning and management.
P GEOG 102 or 108 points
R GEOG 374
SC Arts and Music, Science

GEOG 219 Special Topic: Geographies of Health and Well-being
ES 0.15 EFTS OL, OC 18 points
An occasional paper on topics of interest; laboratories as required.
P GEOG 101
R GEOG 390
SC Arts and Music, Science

GEOG 228 Uneven Development in Contemporary India
NO 0.15 EFTS OL, OC 18 points
The major economic, political and social processes and trends which have both characterised and shaped India in the post-colonial period.
P GEOG 102 or 108 points
R GEOG 374
SC Arts and Music, Science

GEOG 227 Geographies of Contestation, Action and Change
NO 0.15 EFTS OL, OC 18 points
Geographies of contestation and action and how groups from the local to global scales have initiated processes and practices to create alternative, more sustainable and equitable futures.
P GEOG 102 or 108 points
R GEOG 376
SC Arts and Music, Science

GEOG 278 Geographies of the South Pacific
NO (2020) 0.15 EFTS OL, OC 18 points
An exploration of contemporary debates in geography with an emphasis on their expression in South Pacific contexts.
P GEOG 102 or 108 points
R GEOG 378
SC Arts and Music, Science

GEOG 280 Research Methodology in Human Geography
S1 0.15 EFTS OL, OC, DP 18 points
An introduction to methodology and field research as practised in human geography.
P GEOG 101, 102
SC Arts and Music, Science
Note: May not be credited together with SOCI 201 passed before 2005.

GEOG 281 Topics in Physical Geography
ES 0.15 EFTS OL, OC 18 points
An occasional paper on topics of interest; laboratories as required.
P GEOG 101
SC Arts and Music, Science

GEOG 282 Climate Change: Present and Future
S1 0.15 EFTS OL, OC 18 points
Principles of meteorology, with particular reference to climate variations, twentieth-century climate change, estimates of future climate, laboratories as required.
P GEOG 101
R GEOG 388
SC Arts and Music, Science

GEOG 283 Climate Change: The Past
S1 0.15 EFTS OL, OC 18 points
An occasional paper on topics of interest; laboratories as required.
P GEOG 101 or ENVS 111
R GEOG 389
SC Arts and Music, Science

GEOG 284 Soils and the Environment
NO 0.15 EFTS OL, OC 18 points
The characteristics and structure of soils; nutrient systems; human impact on soils; laboratories as required.
P GEOG 101
R GEOG 390
SC Arts and Music, Science

GEOG 285 Southern Landscapes
International School 0.1 EFTS OL, OC, DP 12 points
A review of the development of landscapes in the South Island of New Zealand.
SC Arts and Music, Science
Notes: (i) This paper is available only to international students. (ii) Every student must have previously passed 36 points (or the equivalent at an overseas institution). (iii) For further details please see etage.auckland.ac.nz/international-school/index.html

GEOG 286 Climatology
NO 0.15 EFTS OL, OC 18 points
An introduction to the geographic study of the Earth’s atmosphere.
P GEOG 101
R GEOG 392
SC Arts and Music, Science

GEOG 287 Plants, People and the Environment
S2 0.15 EFTS OL, OC 18 points
Historical biogeography of plants; plant adaptations and vegetation dynamics; world biome types; plants and society; human impacts on vegetation.
P GEOG 101
R GEOG 393
SC Arts and Music, Science

GEOG 288 Rivers and Runoff
NO (2020) 0.15 EFTS OL, OC 18 points
An introduction to the geographic study of the Earth’s rivers, groundwater and wetlands.
P GEOG 101
R GEOG 394
SC Arts and Music, Science

GEOG 289 Geomorphology
NO 0.15 EFTS OL, OC 18 points
An introduction to field research in geography.
P GEOG 101, 102
R GEOG 395
SC Arts and Music, Science

GEOG 290 Field Research Methods (Science)
FY 0.15 EFTS OL, OC, DP 18 points
Field research methods, analytical techniques and report writing.
P GEOG 102 or 108 points
SC Arts and Music, Science

GEOG 291 Freshwater Resources: Monitoring and Management
S1 0.15 EFTS OL, OC 18 points
Physical and human processes affecting water quality of rivers, groundwater and wetlands.
P GEOG 101
R GEOG 399
SC Arts and Music, Science

GEOG 328 Uneven Development in Contemporary India
NO 0.15 EFTS OL, OC 18 points
An occasional paper on topics of interest; laboratories as required.
P GEOG 102 or 108 points
R GEOG 374
SC Arts and Music, Science

GEOG 374 Economic Geography of the Post-World War II Era
NO 0.15 EFTS OL, OC 18 points
An introduction to the geographic study of the post-colonial period.
P S4 GEOG points
R GEOG 228
SC Arts and Music, Science

GEOG 376 Geographies of Contestation, Action and Change
S2 0.15 EFTS OL, OC 18 points
Geographies of contestation and action and how groups from the local to global scales have initiated processes and practices to create alternative, more sustainable and equitable futures.
P GEOG 280 or 108 points
SC Arts and Music, Science

GEOG 377 Special Topic in Human Geography
ES 0.15 EFTS OL, OC 18 points
Topics of current interest in human geography; tutorials, field and practical work as required.
P GEOG 102 or 108 points
SC Arts and Music, Science

GEOG 378 Geographies of the South Pacific
NO (2020) 0.15 EFTS OL, OC 18 points
An exploration of contemporary debates in geography with an emphasis on their expression in South Pacific contexts.
P S4 GEOG points
R GEOG 278
SC Arts and Music, Science

GEOG 379 Special Topic in Human Geography
ES 0.15 EFTS OL, OC 18 points
Topics of current interest in human geography; tutorials, field and practical work as required.
P GEOG 102 or 108 points
SC Arts and Music, Science

GEOG 380 Field Research Studies
FY 0.15 EFTS OL, OC, DP 18 points
Field research methods, analytical techniques and report writing.
P GEOG 280 or 290
SC Arts and Music, Science

SC Arts and Music, Science
GEOG 381 Social Geography
S2 0.15 EFTS OL, OC 18 points
Geographical aspects of major social issues facing modern Western society.
P GEOG 102 or 108 points
R GEOG 210
SC Arts and Music, Science

GEOG 382 Transformations in Developing Countries
S1 0.15 EFTS OL, OC 18 points
A critical study of major rural and urban development issues and problems in developing countries.
P 54 GEOG points
R GEOG 212
SC Arts and Music, Science

GEOG 384 Urban Geography
NO (2020) 0.15 EFTS OL, OC 18 points
The urbanisation process; cities as part of an urban system; how social relations help shape patterns of land use and urban form; equity and power in the urban environment.
P 54 GEOG points
R GEOG 215
SC Arts and Music, Science

GEOG 387 Topics in Physical Geography
ES 0.15 EFTS OL, OC 18 points
An occasional paper on topics of current interest; field and laboratory work.
P 54 GEOG points
SC Arts and Music, Science

GEOG 388 Climate Change: Present and Future
S1 0.15 EFTS OL, OC 18 points
Principles of meteorology, with particular reference to climate variations, twentieth-century climate change, estimates of future climate; a project and laboratories as required.
P 54 GEOG points
R GEOG 282
SC Arts and Music, Science

GEOG 389 Climate Change: The Past
S2 0.15 EFTS OL, OC 18 points
Character and definition of the Quaternary period, dating methods, a review of proxy data sources, geomorphology and climate change, Quaternary environments of the Southern Hemisphere; laboratories as required.
P 54 GEOG points
R GEOG 101 or EAO 111 and 36 further GEOG or GEOL points
R GEOG 283
SC Arts and Music, Science

GEOG 390 Soils and the Environment
NO (2020) 0.15 EFTS OL, OC 18 points
The characteristics and structure of soils; nutrient systems; human impact on soils; a project and laboratories as required.
P 54 GEOG points
R GEOG 284
SC Arts and Music, Science

GEOG 392 Climatology
NO 0.15 EFTS OL, OC 18 points
Climate over different surfaces, micro and local climates; urban climates; a project and laboratories as required.
P 54 GEOG points
R GEOG 286
SC Arts and Music, Science

GEOG 393 Plants, People and the Environment
S2 0.15 EFTS OL, OC 18 points
Historical biogeography of plants; plant adaptations and vegetation dynamics; world biome types; plants and society; human impacts on vegetation.
P 54 GEOG points
R GEOG 287
SC Arts and Music, Science

GEOG 394 Rivers and Runoff
NO (2020) 0.15 EFTS OL, OC 18 points
Precipitation, runoff and floods; a project and laboratories as required.
P 54 GEOG points
R GEOG 288
SC Arts and Music, Science

GEOG 395 Geomorphology
NO 0.15 EFTS OL, OC 18 points
Sediment transport, sedimentology and geomorphology of rivers, evolution of river systems and river management; a project and laboratories as required.
P 54 GEOG points
R GEOG 289
SC Arts and Music, Science

GEOG 397 Environmental Management
S2 0.15 EFTS OL, OC 18 points
Responses of societies to environmental problems, with emphasis on environmental management policy and practice in New Zealand, the South Pacific and Southeast Asia.
P 54 GEOG points
SC Arts and Music, Science

GEOG 398 Coastal Geomorphology
S2 0.15 EFTS OL, OC 18 points
Processes responsible for the development of coasts; how coastal landforms and changes.
P 54 GEOG points
R GEOG 298
SC Arts and Music, Science

GEOG 399 Freshwater Resources: Monitoring and Management
S1 0.1667 EFTS OL, OC 20 points
Physical and human processes affecting water quality of rivers, groundwater and wetlands.
P 54 points
R GEOG 299
SC Arts and Music, Science

GEOG 454 Alpine Geomorphology
S1 0.1667 EFTS OL, OC 20 points
Earth surface processes and resultant landforms in high altitude and high latitude areas.
P 54 points
R GEOG 455
SC Arts and Music, Science

GEOG 457 Advanced Urban Geography
S1 0.1667 EFTS OL, OC 20 points
Geographical approaches to issues in contemporary urban policy and planning, including employment, housing, transport, social services and health care.
P 54 points
R GEOG 458
SC Arts and Music, Science

GEOG 460 Climatology
S2 0.1667 EFTS OL, OC 20 points
Climatic forcing of seasonal snow, glaciers and avalanches, evaporation, climate change.
P 54 GEOG points
R GEOG 461
SC Arts and Music, Science

GEOG 461 Mountain Hydrology
S1 0.1667 EFTS OL, OC 20 points
A survey of mountain and cold climate hydrology, with an emphasis on catchment scale processes, datalogger programming, instrument and analytical techniques.
P 54 GEOG points
R GEOG 462
SC Arts and Music, Science

GEOG 463 Geographies of Justice
S2 0.1667 EFTS OL, OC 20 points
Exploration of geo-environmental (in)justice; Analysis of how justice affects people differently in different places, in relation to different issues.
Note: May not be credited together with GEOG 465 passed in 2016 or 2017.
P 54 GEOG points
R GEOG 464
SC Arts and Music, Science

GEOG 464 An Approved Course in Geography
ES 0.1667 EFTS OL, OC 20 points
An occasional paper on a topic of current interest to staff.
P 54 GEOG points
R GEOG 465
SC Arts and Music, Science

GEOG 465 Special Topic in Geography
ES 0.1667 EFTS OL, OC 20 points
Advanced study of the interaction between socio-political and biophysical dimensions of contemporary environmental issues.
P 54 GEOG points
R GEOG 466
SC Arts and Music, Science

GEOG 472 Developments in Environmental Management
S2 0.1667 EFTS OL, OC 20 points
An advanced examination of coastal management in New Zealand and Australia. Emphasis is placed on issues associated with sandy coasts, including hazard management, invasive species, subdivision and development, and conservation management.
R PLAN 436

GEOG 475 Sustaining Rural Livelihoods in Developing Countries
S1 0.1667 EFTS OL, OC 20 points
Considers the varied nature of rural livelihoods in developing countries, particularly in sub-Saharan Africa, and analyses the extent to which the sustainability of these livelihoods might be enhanced.
Note: May not be credited together with GEOG 464 passed in 2006 or 2007.
P 54 GEOG points
R GEOG 476
SC Arts and Music, Science

GEOG 477 Advanced Urban Geography
S2 0.15 EFTS OL, OC 18 points
Geographical approaches to issues in contemporary urban policy and planning, including employment, housing, transport, social services and health care.
P 54 points
R GEOG 478
SC Arts and Music, Science

GEOG 478 Coastal Geomorphology
S2 0.15 EFTS OL, OC 18 points
Processes responsible for the development of coasts; how coastal landforms and changes.
P 54 GEOG points
R GEOG 479
SC Arts and Music, Science

GEOG 479 Environmental Management
S2 0.15 EFTS OL, OC 18 points
Responses of societies to environmental problems, with emphasis on environmental management policy and practice in New Zealand, the South Pacific and Southeast Asia.
P 54 GEOG points
SC Arts and Music, Science

GEOG 487 Impact Assessment and Sustainability
S1 0.15 EFTS OL, OC 18 points
The origins and principles of impact assessment (IA); the international state of IA; recent changes in New Zealand; a critical study of major rural and urban development issues and problems in developing countries.
P 54 GEOG points
R GEOG 488
SC Arts and Music, Science

GEOG 490 Dissertation
FY 0.5 EFTS OL, OC 60 points
A dissertation of up to 20,000 words on an approved research topic.
LT (BA(Hons), BAppSc(Hons), BS(Hons), PGDipArts, PGDipSci

GEOG 495 Master's Thesis Preparation
FY 0.3333 EFTS OL, OC 40 points
Preparation of a thesis proposal. Normally taken by students in the papers year for a Master's degree in Geography by papers and thesis.
LT MA, MSC

GEOG 590 Research Dissertation
N1, N2 0.15 EFTS OL, OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Geology

GEOL 112 Dynamic Earth: A New Zealand Perspective
S2 0.15 EFTS OL, OC 18 points
Volcanoes, earthquakes and related hazards; crystals, minerals; igneous, sedimentary and metamorphic processes; geological structures and geological maps; earth resources; New Zealand's geological evolution.
R GEOL 112
SC Science

GEOL 221 Special Topic
S1 0.15 EFTS OL, OC 18 points
Selected topics of current interest in geology; topics to be announced each year. Not necessarily offered each year. Special restrictions will apply.
P (GEOL 112 or GEOL 112) and (EAO 111 or EAO 111)
SC Science

GEOL 251 Minerals and Rocks
S1 0.15 EFTS OL, OC 18 points
Mineralogy, element distribution in rocks, x-ray techniques, silicate crystal structures, mineral and rock compositions. Crystal optics and mineral identification using the petrographic microscope. Introductory petrography, petrology and classification of igneous, sedimentary, and metamorphic rocks.
P GEOL 112 or GEOL 112
SC Science

Key
S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; LD: not offered in 2019; N2000: not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).
See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at oroa.ac.nz/courses/papers
**Prescriptions**

**SC Science**

**GEOL 112 or GEOX 112**

**PC EAOS 111 or EAOX 111**

SC Science

**GEOL 261 Geophysics of the Earth**

NO 0.15 EFTS OL, OC 18 points

Techniques and interpretation of seismological, gravity and magnetic studies; geophysical determination of the structure of the crust, mantle and core; thermal budget of the earth and the driving forces for plate tectonics.

P (GEOL 112 or GEOX 112 or 18 Phsi points) and (EAOS 111 or EAOX 111)  
R GEOL 361  
SC Science

**GEOL 262 Geochemistry**

NO 0.15 EFTS OL, OC 18 points

Principles of geochemistry applied to geologic and environmental processes; origin and distribution of the elements, mineral-water reactions, stable and radiogenic isotopes, global biogeochemical cycles.

P (GEOL 112 or GEOX 112) and (EAOS 111 or EAOX 111) or (18 GEOL points and (GEOL 101 or 18 CHEM points))  
R GEOL 362  
SC Science

**GEOL 263 Fossils, Strata and Hydrocarbon Basins**

NO 0.15 EFTS OL, OC 18 points

Foraminifera, other microfossils, and applied micropaleontology; stratigraphic techniques and paleoenvironmental analysis; coal deposits and coal resources, hydrocarbons, oil and gas exploration, basin history analysis.

P (GEOL 112 or GEOX 112) and (EAOS 111 or EAOX 111)  
R GEOL 363  
SC Science

**GEOL 264 Igneous Petrology and Volcanology**

NO 0.15 EFTS OL, OC 18 points

Global context of magmatism and systematic description and quantitative interpretation of volcanic and plutonic rocks; phase equilibria and geochemical constraints on petrogenesis; physical processes of magma transport and eruption.

P GEOL 251  
R GEOL 364  
SC Science

**GEOL 265 Natural Hazards of New Zealand and Beyond**

NO 0.15 EFTS OL, OC 18 points

The nature of environmental hazards related to earthquakes, tsunamis, volcanoes, mass movements, hydrology and severe storms; the physical basis for such hazards; and the investigation of an interactive case study of the impacts of extreme hazard events.

P EAOS 111 or GEOL 112 or GEOG 101 or ENVI 111  
R GEOL 365  
SC Science

**GEOL 272 Evolution of New Zealand Biota**

S1 0.15 EFTS OL, OC 18 points

Evolution, extinction and other principles of paleontology; fossils, paleoecology and ancient environments; New Zealand Cenozoic fossils and stratigraphy.

P (GEOL 112 or GEOX 112 or 18 BIOL points) and (EAOS 111 or EAOX 111)  
R GEOL 372  
SC Science

**GEOL 273 Sedimentary Processes and Materials**

S2 0.15 EFTS OL, OC 18 points

Erosion, transportation and deposition of sediments; depositional environments and sedimentary facies. Mineralogy, texture and structures of sediments and sedimentary rocks. Tectonics of sedimentation. Mineral deposits associated with sediments and sedimentary rocks. Tectonics of sedimentation. 

P (GEOL 112 or GEOX 112) and (EAOS 111 or EAOX 111) or (18 GEOL points and GEOG 101)  
R GEOL 373  
SC Science

**GEOL 274 Metamorphism and Metamorphic Mineralisation**

S2 0.15 EFTS OL, OC 18 points

Concepts and controls of metamorphism; chemical equilibrium and graphical portrayal of mineral assemblages; metamorphic grade and metamorphic facies; relationship between metamorphism and tectonics, New Zealand metamorphic rocks; metamorphic mineralisation.

P GEOL 251  
R GEOL 374  
SC Science

**GEOL 275 Rock Deformation**

S2 0.15 EFTS OL, OC 18 points

Fundamentals of stress and strain; rock rheology in crustal environments; mechanisms of brittle fracturing and faulting, ductile fabric development, shear zones; folding, polyphase deformation, structural principles in engineering geology.

P GEOL 252  
R GEOL 375  
SC Science

**GEOL 276 Geological Resources for a Sustainable New Zealand**

S1 0.15 EFTS OL, OC 18 points

A contextualised approach to understanding the physical and chemical processes leading to generation of geological resources, ore deposits, hydrocarbon deposits, geothermal energy, and the processes and techniques of their exploitation through exploration, mining, extraction.

PC GEOL 251, 252  
R GEOL 376  
SC Science

**GEOL 302 Independent Field Study**

Fy 0.15 EFTS OL, OP, DP 18 points

Completion of an independent field project.

P GEOL 251, 252  
PC GEOL 344  
SC Science

Note(s): Recommended for students with average grade of B- or better in GEOL 251 and 252, or in GEOL 252 and some other GEOL paper at the discretion of the Head of Department.

**GEOL 321 Special Topic**

S1 0.15 EFTS OL, OC 18 points

Selected topics of current interest in geology; topics to be announced each year. Not necessarily offered each year. Special restrictions will apply.

P GEOL 251, 252  
SC Science

**GEOL 341 Special Topic**

S2 0.15 EFTS OL, OC 18 points

Selected topics of current interest in geology; topics to be announced each year. Not necessarily offered each year. Special restrictions will apply.

P GEOL 251, 252  
SC Science

**GEOL 344 Advanced Field Studies**

S1 0.15 EFTS OL, OC 18 points

Field mapping and documentation of igneous, metamorphic and sedimentary rocks; structural mapping and stereographic projection, geological methods used in industry. Includes 3 weeks of field classes in February.

P GEOL 251, 252  
SC Science

**GEOL 353 Tectonics**

S1 0.15 EFTS OL, OC 18 points

Plate geometry and kinematic derivations; tectonic history reconstructions; integrated understanding of sedimentary successions, igneous, metamorphic, and structural associations in various tectonic settings; implications for climate, fauna, earth evolution, and society.

P GEOL 251, 252, MATH 160  
SC Science

Note(s): Students must be prepared to attend field trips outside of regular semester time.

**GEOL 361 Geophysics of the Earth**

NO 0.15 EFTS OL, OC 18 points

Techniques and interpretation of seismological, gravity and magnetic studies; geophysical determination of the structure of the crust, mantle and core; thermal budget of the earth and the driving forces for plate tectonics.

P GEOL 251, 252  
R GEOL 261  
SC Science

**GEOL 362 Geochemistry**

NO 0.15 EFTS OL, OC 18 points

Principles of geochemistry applied to geologic and environmental processes; origin and distribution of the elements, mineral-water reactions, stable and radiogenic isotopes, global biogeochemical cycles.

P GEOL 251, 252  
R GEOL 262  
SC Science

**GEOL 363 Fossils, Strata and Hydrocarbon Basins**

NO 0.15 EFTS OL, OC 18 points

Foraminifera, other microfossils, and applied micropaleontology; stratigraphic techniques and paleoenvironmental analysis; coal deposits and coal resources, hydrocarbons, oil and gas exploration, basin history analysis.

P GEOL 251, 252  
R GEOL 263  
SC Science

**GEOL 364 Igneous Petrology and Volcanology**

NO 0.15 EFTS OL, OC 18 points

Global context of magmatism and systematic description and quantitative interpretation of volcanic and plutonic rocks; phase equilibria and geochemical constraints on petrogenesis; physical processes of magma transport and eruption.

P GEOL 251  
R GEOL 364  
SC Science

**GEOL 365 Natural Hazards of New Zealand and Beyond**

NO 0.15 EFTS OL, OC 18 points

The nature of environmental hazards related to earthquakes, tsunamis, volcanoes, mass movements, hydrology and severe storms; the physical basis for such hazards; and the investigation of an interactive case study of the impacts of extreme hazard events.

P (GEOL 251 and 252) or GEOG 280 or GEOG 290  
R GEOL 365  
SC Science

**GEOL 372 Evolution of New Zealand Biota**

S1 0.15 EFTS OL, OC 18 points

Evolution, extinction and other principles of paleontology; fossils, paleoecology and ancient environments; New Zealand Cenozoic fossils and stratigraphy.

P GEOL 251, 252  
R GEOL 272  
SC Science

**GEOL 373 Sedimentary Processes and Materials**

S2 0.15 EFTS OL, OC 18 points

Erosion, transportation and deposition of sediments; depositional environments and sedimentary facies. Mineralogy, texture and structures of sediments and sedimentary rocks. Tectonics of sedimentation. Mineral deposits associated with sediments and sedimentary rocks.

P GEOL 251, 252  
R GEOL 273  
SC Science

**GEOL 374 Metamorphism and Metamorphic Mineralisation**

S2 0.15 EFTS OL, OC 18 points

Concepts and controls of metamorphism; chemical equilibrium and graphical portrayal of mineral assemblages; metamorphic grade and metamorphic facies; relationship between metamorphism and tectonics, New Zealand metamorphic rocks; metamorphic mineralisation.

P GEOL 251, 252  
R GEOL 274  
SC Science

**GEOL 375 Rock Deformation**

S2 0.15 EFTS OL, OC 18 points

Fundamentals of stress and strain; rock rheology in crustal environments; mechanisms of brittle fracturing and faulting, ductile fabric development; shear zones; folding, polyphase deformation, structural principles in engineering geology.

P GEOL 251, 252  
R GEOL 275  
SC Science
**Geophysical Science**

For the MSc schedule see the University Calendar.

**German**

**GERM 105 Intensive German for Beginners**

- **NO** 0.15 EFTS OL, OC 18 points
- A German language paper for beginners.
- R GERM 101 or 131 or any other more advanced German language paper.
- SC Arts and Music.

**GERM 131 Introductory German 1**

- S1 0.15 EFTS OL, OC 18 points
- German language for absolute beginners.
- R GERM 101, 105, 132 or any other more advanced German language paper.
- SC Arts and Music.

Note: This paper is for beginners only and is not available to students who have passed NCEA Level 2 or 3 (or equivalent) in German. For further information, contact the Programme Coordinator (languages@otago.ac.nz).

**GERM 132 Introductory German 2**

- S2 0.15 EFTS OL, OC 18 points
- Basic German language. Continuation of GERM 131.
- P GERM 101 or 105 or 131
- R GERM 102 or 230 or any other more advanced German language paper.
- SC Arts and Music.

Note: You may be able to take this paper without the prerequisite if you can demonstrate the required ability. Use the special permission process to apply to do this. List any qualifications you have gained e.g. NCEA, and years studied, as well as a note of any other exposure to this language. This request together with any documentation you provide or request for the transfer of credit(s) will then be submitted for approval.

Note for GERM 230-231, 331-335:
If you have previous knowledge of the language you can still enrol in these papers via Special Permission as part of paper selection, or email languages@otago.ac.nz for assistance.

**GERM 230 Advanced German Language 3**

- S1 0.15 EFTS OL, OC 18 points
- The development of skills in German language to an intermediate level, building on GERM 132 (continuing the same course book).
- P GERM 102 or 132
- R GERM 111, 113, 231 or any other more advanced German language paper.
- SC Arts and Music.

Note: (i) Cannot be taken by students who have already passed GERM 231. (ii) The prerequisite may be waived for students with an equivalent level of German language.

**GERM 231 Intermediate German 1**

- S2 0.15 EFTS OL, OC 18 points
- The development of skills in German language to an intermediate level.
- P GERM 230
- R GERM 114 or 331 or any other more advanced German language paper.
- SC Arts and Music.

Note: The prerequisite may be waived for students with an equivalent level of German language, or a background in NCEA Level 3 German.

**GERM 331 Intermediate German 2**

- S1 0.15 EFTS OL, OC 18 points
- Develops practical knowledge of different levels and styles of spoken and written German.
- P GERM 114 or 231
- R GERM 201 or 334 or any other more advanced German language paper.
- SC Arts and Music.

**GERM 333 Advanced German 1**

- S2 0.15 EFTS OL, OC 18 points
- German written and oral communication skills at an advanced level.
- P GERM 201 or 331
- R GERM 301, 332, 335 or any other more advanced German language paper.
- SC Arts and Music.

**GERM 335 Advanced German 2**

- NO 0.15 EFTS OL, OC 18 points
- An extension of German written and oral communication skills at an advanced level.
- P GERM 334
- R GERM 301, 332
- SC Arts and Music.

**GERM 341 Topics in German**

- NO 0.15 EFTS OL, OC 18 points
- P GERM 201 or 331
- SC Arts and Music.

**GERM 441 Advanced Topics in German**

- ES 0.1667 EFTS OL, OC, DP 20 points
- In-depth study of German themes in literature and culture at an advanced level.

**GERM 451 Studies in German**

- ES 0.1667 EFTS OL, OC, DP 20 points
- Studies in German language and culture taken at a university in Germany.
- LT BA(j-Hons), PGDipArts

**GERM 452 Studies in German**

- ES 0.1667 EFTS OL, OC, DP 20 points
- Studies in German language and culture taken at a university in Germany.
- LT BA(j-Hons), PGDipArts

**GERM 490 Dissertation**

- NO 0.15 EFTS OL, OC, DP 60 points
- A dissertation on an approved and individually-supervised research topic in German, of up to 15,000 words if written in German, or 20,000 words if written in English.
- LT BA(j-Hons), PGDipArts

**GERM 590 Research Dissertation**

- N1, N2 0.5 EFTS OC, DL 60 points
- A supervised research dissertation of up to 20,000 words on an approved topic, written in German or English.
- LT MA

**Global Cultures**

**GLBL 101 Introduction to Intercultural Communication**

- S1 0.15 EFTS OL, OC 18 points
- Understanding communication across cultures: communication styles, interpersonal relationships and intercultural competency.
- SC Arts and Music.

**GLBL 201 Cultures of the Environment**

- S2 0.15 EFTS OL, OC 18 points
- A critical examination of the concept of environment (nature) from a cross-cultural perspective, with focus on sustainability, environmental justice, and conservation.
- P 36 points
- R GLBL 301
- SC Arts and Music.

**GLBL 202 A World of Stories: Global Storytelling in the Digital Age**

- S1 0.15 EFTS OL, OC 18 points
- The power of storytelling from a cross-cultural perspective: fantasy, fairy tales and digital narratives and how they interpret and change our world.
- P 36 points
- R GLBL 302
- SC Arts and Music.

**GLBL 301 Cultures of the Environment (Advanced)**

- S1 0.15 EFTS OL, OC 18 points
- An advanced critical examination of the concept of environment (nature) from a cross-cultural perspective, with focus on sustainability, environmental justice, and conservation.
- P 72 points
- R GLBL 201
- SC Arts and Music.
GLBL 302 A World of Stories: Global Storytelling in the Digital Age (Advanced)

S1 0.15 EFTS OL, OC 18 points
The power of storytelling from a cross-cultural perspective, fantasy, fairy tales and digital narratives and how they interpret and change our world.

P 72 points
R GLBL 202
SC Arts and Music

Greck

GREK 111 Introductory Greek 1

S1 0.15 EFTS OL, OC 18 points
A reading-based beginners' paper covering the basic elements of Ancient Greek grammar and vocabulary designed to develop reading skills in ancient Greek.

P GREK 111
SC Arts and Music

GREK 112 Introductory Greek 2

S2 0.15 EFTS OL, OC 18 points
A continuation of GREK 111, including the study of texts taken from Classical Athens.

P GREK 112
SC Arts and Music

GREK 211 Intermediate Greek

S1 0.15 EFTS OL, OC 18 points
A consolidation of linguistic skills in Greek, and a study of selected Greek prose texts from the Classical period.

P GREK 211
SC Arts and Music

GREK 212 Intermediate Greek Authors

S1 (2020) 0.15 EFTS OL, OC 18 points
A study of selections from two Greek authors of the Classical period.

P GREK 212
SC Arts and Music

GREK 328 Advanced Greek Authors 1

S2 0.15 EFTS OL, OC 18 points
A study of works of two Greek authors of the Classical period.

P GREK 328
SC Arts and Music

GREK 329 Advanced Greek Authors 2

NO (2020) 0.15 EFTS OL, OC 18 points
A study of works of two Greek authors of the Classical period.

P GREK 329
SC Arts and Music

GREK 464 A Topic in Greek Literature

S2 0.1667 EFTS OL, OC 20 points
P 1800-level GREK points

RT MHealSc
Dunedin, Wellington, Christchurch

Health Management

HLMT 790 Dissertation

ES, FY 0.5 EFTS OC 60 points
A supervised dissertation presenting the results of an original research project on a relevant topic in the student's area of interest within health management.

RT MHealSc
Dunedin, Wellington, Christchurch

Health Sciences

HASC 401 Special Topic

NO 0.25 EFTS OL, OC, DL, DP 30 points
R HASC 401

HASC 402 Special Topic

ES 0.125 EFTS OL, OC, DP 15 points
L Dunedin, Wellington, Christchurch

HASC 413 Biostatistics

S1 0.125 EFTS OL, OC 15 points
Essential analytical methods necessary for health-related research: data description, basic probability, confidence intervals, hypothesis testing, sample size calculation, epidemiological measures of association, and simple linear regression. A knowledge of basic algebra is recommended.

LT MHealSc, MPharm, MSc, PGDipHealSc, PGDipMLSc, PGDipScPharm
L PGDipScPharm

HASC 417 Health Sciences Research Methods

FY 0.25 EFTS OL, DL, DP 30 points
An introduction to research methods used in the health sciences including biostatistical concepts essential to the design and analysis of a quantitative research project and a range of qualitative approaches to research.

RT MHealSc
LT MHealSc, MPhC, MTravMed, MGP, PGDipHealSc, PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipTravMed, PGDipMLSc, PGCertHealSc, PGDipRehab
L Wellington

Note: May be taken by other approved students.

HASC 590 Dissertation

ES, FY 0.5 EFTS OL, OC, DP 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original research project on a relevant topic in the student's area of interest within health sciences.

RT MHealSc
L Dunedin, Wellington, Christchurch

HASC 701 Working in Interprofessional Clinical Teams

S1 0.25 EFTS OL, DL 30 points
Analytical and practical application of research and theory about team culture, roles, development, decision-making, communication and distributive leadership to enhance clinical outcomes through increased effectiveness as an interprofessional team member.

LT MHealSc, PGDipHealSc, PGDipRehab, PGCertRehab
L Wellington

HASC 780 Research Project

ES, FY 0.25 EFTS OL, OC, DL 30 points
A supervised research project up to 10,000 words including the development, implementation and reporting of an original topic in the student's area of professional interest within health sciences.

RT HASC 780
L MHealSc
L Dunedin, Wellington, Christchurch

HASC 817 Health Sciences Master's Research Methods

FY 0.25 EFTS OL, DL, DP 30 points
Qualitative and quantitative research methodology and critical analysis for master's level health sciences research. Project design and development, critical appraisal, theoretical perspectives, independent application and analysis of complex material.

LT MHealSc
L Wellington

Note: May be taken by other approved students. Includes three residential periods.

Hebrew

HEBR 131 Introductory Biblical Hebrew 1

S1 0.15 EFTS OL, OC, DL 18 points
A paper for beginners covering the basics of Biblical Hebrew grammar and vocabulary, to enable students to read the Hebrew Bible in the original.

R HEBX 131
SC Arts and Music, Theology

HEBR 132 Introductory Biblical Hebrew 2

S2 0.15 EFTS OL, OC, DL 18 points
A continuation of HEBR131, including the translation and exegesis of selected passages from the Hebrew Bible.

P HEBR 131 or HEBX 131
R HEBX 132
SC Arts and Music, Theology

Higher Education

HEDU 501 Critical Reflection on Higher Education

FY 0.25 EFTS OL, OC, DL 30 points
A critical examination of personal theories of tertiary teaching within a comparative framework of contemporary literature and practice. As one of the principal modes of teaching is online learning, all students are required to have access to the Internet.

R HEDX 501, EDUC 507
LT PGCertHigHe, PGDipHigHe, MHEd
Note: Restricted to selected professional students.

HEDU 502 Learning Theory and Practice in Higher Education

FY 0.25 EFTS OL, OC, DL 30 points
Examination of contemporary research in tertiary teaching. Exploration of the effects of participants' teaching practices on how students learn in order to enhance student learning outcomes. As one of the principal modes of teaching is on-line learning, all students are required to have access to the Internet.

R HEDX 502, EDUC 505
LT PGCertHigHe, PGDipHigHe, MHEd

HEDU 503 Research in Higher Education

S1 0.25 EFTS OL, OC, DL 30 points
An introduction to qualitative approaches to research of teaching and learning in higher education. Using individual and peer supervision, participants explore methodological issues and plan a research project that is the focus of HEDU 510 or 590. All students are required to have access to the Internet.

P HEDU 502 or HEDX 502 or EDUC 505
R HEDX 503, EDUC 506
LT PGDipHigHe, MHEd

HEDU 504 Academic Leadership in Higher Education

S2 0.25 EFTS OL, OC, DL 30 points
A critical examination of academic leadership using contemporary leadership theories. Understanding how academic leadership is situated in a contemporary higher education sector.

R HEDX 504 or 503 or EDUC 506
LT MHEd
Note: All students are required to have access to the Internet.

HEDU 510 Special Topic

S2 0.25 EFTS OL, OC, DL 30 points
Educational research of a topic that is situated within the context of teaching and learning in higher education. All students are required to have access to the Internet.

P HEDU 503 or HEDX 503 or EDUC 505
R HEDX 510
LT PGDipHigHe, MHEd
Note: Students may be admitted with approval from the Head of Department of the Higher Education Development Centre.

HEDX 590 Research Project

N1, N2 0.5 EFTS OL, OC, DL 60 points
Supervised educational research of a topic that is situated within the context of teaching and learning in higher education.

LT MHEd
Note: All students are required to have access to the Internet.
History

HIST 102 The Global Twentieth Century
S2 0.15 EFTS OL, OC 18 points
An exploration of the twentieth century's wars and revolutions, booms and busts, dictators and democratic forces, providing a secure historical basis for understanding today's complex globalised world.

SC Arts and Music

HIST 106 Global History: Asia, Europe and the Middle East
S1 0.15 EFTS OL, OC 18 points
How encounters between the peoples of Asia, Europe and the Middle East have shaped human history, with some focus on the spread of Islam and international trade.

SC Arts and Music

HIST 107 New Zealand in the World from the 18th Century
S1 0.15 EFTS OL, OC 18 points
New Zealand history in a global perspective: the way forces of imperialism, capitalism and racial conflict have shaped modern New Zealand and its place in the world.

SC Arts and Music

HIST 108 From Medieval to Modern Europe
S2 0.15 EFTS OL, OC 18 points
An examination of principal trends in the development of European civilisation between the early Middle Ages and the nineteenth century.

SC Arts and Music

HIST 204 China: Oracle Bones to Revolution
NO 0.15 EFTS OL, OC 18 points
Chinese history and culture from earliest times until the twentieth century.

P 18 100-level HIST points or 108 points
SC Arts and Music

HIST 208 Pacific Islands to c. 1900
NO 0.15 EFTS OL, OC 18 points
The Pacific Islands in the late eighteenth and nineteenth centuries prior to European colonisation. Focuses on contact between indigenous societies and a range of European agents.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 210 War and Environment
NO 0.15 EFTS OL, OC 18 points
This course examines the role of environmental issues in causing war, the impact of war on various environments, and the role of the environment in determining the outcomes of conflict.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 211 Modern Japan: From Samurai to Salarymen
NO 0.15 EFTS OL, OC 18 points
The transformation of Japan between the mid-nineteenth century and the 1960s from a feudal society dominated by samurai to a modern nation-state run by salarymen.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 212 Democratic Promise: The USA to 1900
NO 0.15 EFTS OL, OC 18 points
A survey of the history of the United States in the twentieth century, which saw the nation transformed from an isolationist, middle-level power to the world's most powerful nation.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 213 Rise to Globalism: The USA since 1900
NO 0.15 EFTS OL, OC 18 points
A survey of the history of the United States in the twentieth century, which saw the nation transformed from an isolationist, middle-level power to the world's most powerful nation. The paper examines the causes and significance of this change, from domestic and international perspectives.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 215 Heretics, Witches, and Inquisitors
S2 0.15 EFTS OL, OC 18 points
An examination of heretical movements and their persecution as well as witch-hunt in medieval and early modern Europe (1200–1700) in the religious, social, political and intellectual contexts.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 217 Russia: Reform to Revolution
S1 0.15 EFTS OL, OC 18 points
Russia from the emancipation of the serfs in 1861 to the revolutions of 1917.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 218 Modern Irish History Since 1798
S1 0.15 EFTS OL, OC 18 points
Critical examination of the social, political, religious, cultural, and economic history of Ireland from 1798 until the present day.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 223 Empires and Globalisations
S1 0.15 EFTS OL, OC 18 points
A critical exploration of the making of the modern world from the mid-eighteenth century through to September 11, 2001 and its aftermath. 

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 225 Totalitarian Regimes: Europe 1922–1945
S1 0.15 EFTS OL, OC 18 points
A comparative exploration of attempts to create totalitarian regimes between 1922 and 1945 in Fascist Italy, Nazi Germany, Soviet Russia, and elsewhere.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 226 Cultures of Colonialism: The North American West
NO 0.15 EFTS OL, OC 18 points
A critical examination of Spanish, French and British imperialism in the North American West and the colonial cultures that developed in that region as a result of cross-cultural encounters with Aboriginal peoples from 1763 to 1890.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 228 Scottish History since 1688
NO 0.15 EFTS OL, OC 18 points
A critical examination of the key economic, political, social, and cultural developments of Scotland since 1688.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 229 Science and Society: 1789-1914: Darwin versus God?
S2 0.15 EFTS OL, OC 18 points
A critical examination of the history of the natural and social sciences in cultural and religious context from the Enlightenment to the First World War.

P One 100-level HIST paper or 54 points
SC Arts and Music

HIST 230 Special Topic: Creating Kiwi Families: Historical and Legal Perspectives from 1830
S2 0.15 EFTS OL, OC 18 points
Examination of the extraordinary transformation in New Zealand family forms from 1830 to today. How these changes occurred and the role of the law in shaping these transformations.

P One 100-level HIST paper or 108 points
SC Arts and Music

HIST 231-232 Special Topics
NO 0.15 EFTS OL, OC 18 points each
P One 100-level HIST paper or 54 points
SC Arts and Music

NO 0.15 EFTS OL, OC 18 points
P One 100-level HIST paper or 54 points
SC Arts and Music

Note: May not be credited with HIST 233 taken in 2013 or HIST 230 taken in 2014.

HIST 234 Crime, Shame and Scandal in New Zealand
S1 0.15 EFTS OL, OC 18 points
How the idea of 'reputation' changed between 1800 and 2000, and how public scandal and private shame reinforced particular social values.

P One 100-level HIST paper or 54 points
SC Arts and Music

Note: May not be credited together with HIST 231 points in 2010, 2013 and 2015.

Note: for HIST 301, 303, 306-329.

Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

HIST 301 Modern India: From the British to the Soviet Union
S2 0.15 EFTS OL, OC 18 points
Changes in Russian and Soviet politics, economy, culture and society from the revolutions of 1917 to the present.

P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 303 Modern India
S1 0.15 EFTS OL, OC 18 points
The history of modern India from when the British secured control over the sub-continent to independence in 1947.

P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 304 China in Revolution
NO 0.15 EFTS OL, OC 18 points
A study of revolution, focused on China in the twentieth century.

P 18 200-level HIST or ARTH points
SC Arts and Music

HIST 306 Medical History
NO 0.15 EFTS OL, OC 18 points
An examination of aspects of Western medicine in the nineteenth and twentieth centuries.

P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 307 Topics in European History
NO 0.15 EFTS OL, OC 18 points
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

Note: May not be credited together with HIST 335 passed in 2011 - 2013.

HIST 308 New Zealand Society and Religion
S1 0.15 EFTS OL, OC 18 points
The professions and actual religions of New Zealanders and their social impact.

P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 310 Issues in United States History
S1 0.15 EFTS OL, OC 18 points
A critical examination of an issue or period in American history.

P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

Key

S1: first semester;  S2: second semester;  ES: each semester;  FY: full year;  SS: Summer School;  N1-5: non-standard periods*;  NO: not offered; expected to be offered in the year noted;  OP: Paper supported by online learning management system;  OC: Paper is available on campus;  DL: Paper is available by distance learning;  DP: Departmental permission required;  P: Prerequisite;  C: Corequisite;  PC: Prerequisite or corequisite;  R: Restriction;  LT: Limited to;  RP: Recommended preparation;  SC: Schedule C;  L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
HIST 314 State and Society in Twentieth-Century Japan
NO 0.15 EFTS OL, OC 18 points
A study of state-society relations through the lens of ‘civil society’ reveals the vibrancy of social movements and the complexity of power relations in the Showa era (1926-1989).
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music
Note: May not be credited together with HIST 331 passed in 2008 or 2009.

HIST 325 Modern Italy
NO 0.15 EFTS OL, OC 18 points
A critical examination of the history of modern Italy, covering a period from the late eighteenth to the twentieth century, with an emphasis on the international context.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music
Note: May not be credited together with HIST 333 passed in 2004 or 2005.

HIST 327 Interpreting Māori Lives: Rebels, Radicals and Reformers
S2 0.15 EFTS OL, OC 18 points
The representation of nineteenth- and twentieth-century Māori leaders through popular culture, including biography, autobiography, novels and other media.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music
Note: May not be credited together with HIST 333 passed in 2006 or 2007.

HIST 328 Irish and Scottish Migrations in the 19th and 20th Centuries
S1 0.15 EFTS OL, OC 18 points
A critical examination of the causes and consequences of migration from Ireland and Scotland since 1800.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 329 War and Peace in Medieval Europe
NO 0.15 EFTS OL, OC 18 points
The ideas of just/holy war, peace and peace-making in medieval Europe (c.1050-c.1450) in political, religious, military and intellectual contexts.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music
Note: May not be credited together with HIST 333 passed in 2013.

HIST 331 Special Topic
NO 0.15 EFTS OL, OC 18 points
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 332 Special Topic: Cultural Encounters and Entanglements: Te Tai Tokerau a Murikihou, 1769-1874
NO 0.15 EFTS OL, OC 18 points
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music
Note: May not be credited with HIST 332 taken in 2013.

HIST 333 Special Topic: Creating Kiwi Families: Historical and Legal Perspectives from 1830
S5 0.15 EFTS OL, OC 18 points
Examination of the extraordinary transformation in New Zealand family forms from 1830 to today. How these changes occurred and the role of the law in shaping these transformations.
P 18 200-level HIST, ARTH or ARTV points
R HIST 290
SC Arts and Music
Note: May not be credited with HIST 230 when taken with the same content.
Note for HIST 333-335: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

HIST 335 Special Topic: Victorian Britain
NO 0.15 EFTS OL, OC 18 points
Popular opinion has it that Victorian Britain was a stuffy and conservative place, but tracing the extraordinary economic, social, political and cultural changes between the young Queen’s ascent to the throne in 1837 and her death in 1901 reveals this era and this site of change as dynamic and exciting.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 337 Environmental History of the Pacific
NO 0.15 EFTS OL, OC 18 points
The history of human induced environmental change in the Pacific to the present, with emphasis on the historic past.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 353 Practising History
S2 0.15 EFTS OL, OC 18 points
An introduction to historical research, methodology, and local archives.
P 18 200-level HIST, ARTH or ARTV points
SC Arts and Music

HIST 401 A Topic in New Zealand History
S2 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 402 Topics in United States History
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 403 Topics in Medieval History
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 406 Gender and History
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 408 Australia and New Zealand in the Pacific
NO 0.1667 EFTS OL, OC 20 points
The changing nature of social, political and economic relationships of these countries with the Pacific Islands.
PC 48 300-level HIST points

HIST 410 Topics in Intellectual History
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 412 The Russian Revolutionary Movement
S1 0.1667 EFTS OL, OC 20 points
An examination of the origins, development, theory and practice of the Russian revolutionary movement from the Pugachev rebellion in 1773-4 to the end of socialism.
PC 48 300-level HIST points

HIST 430 Special Topic: Health, Healing and History
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 431 Special Topic: Peopling New Zealand
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 432 Special Topic: Peopling New Zealand Since 1840: Migration, Race, and Ethnicity
NO 0.1667 EFTS OL, OC 20 points
PC 48 300-level HIST points

HIST 452 Rethinking History
S1 0.1667 EFTS OL, OC 20 points
An examination of recent shifts in the methods, theory and practice of historical writing and debates over the nature of history as a discipline.
P 54 300-level HIST points
Note: May not be credited together with HIST 405 passed in 2012 or 2013.

HIST 481 Special Study
FY 0.1667 EFTS OL, OC, DP 20 points
An analysis of a particular historiographical area of the student's choosing and its problems. To be presented in the form of a scholarly article.
PC 48 300-level HIST points
LT BA(hons), PGDipArts

HIST 490 Dissertation
FY 0.5 EFTS OL, OC, DP 60 points
A dissertation of between 16,000 and 20,000 words on an approved research topic.
PC 48 300-level HIST points
LT BA(hons), PGDipArts

HIST 590 Research Dissertation
N1, N2 0.5 EFTS OL, OC, DP 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Hospitality
See minor subject requirements (page 102).

Human Body Systems
HUBS 191 Human Body Systems 1
S1 0.15 EFTS OL, OC 18 points
An introduction to the structure and function of the musculoskeletal, nervous, endocrine and immune systems in the human body.
R ANAT 101, 120, PHGE 191, PHSL 101
SC Science

HUBS 192 Human Body Systems 2
S2 0.15 EFTS OL, OC 18 points
An introduction to the structure and function of the human cardiovascular, respiratory, gastrointestinal, renal/urinary and reproductive systems including organ development.
P HUBS 191
R ANAT 101, 120, PHGE 192, PHSL 101
SC Science

Humanities
Note for HUMS 301, 401:
Candidates must undergo a selection process; admission is subject to approval from the Pro-Vice-Chancellor (Humanities).

HUMS 301 Internship Practicum
SS, ES 0.15 EFTS DL, DP 18 points
Relevant work experience undertaken in an approved workplace, enabling the application of skills acquired in an academic environment.
R SOCI 306, SOWK 392, 492, EDCR 360
LT BA, BASc
SC Arts and Music

HUMS 401 Internship Practicum
SS, ES 0.1667 EFTS DL, DP 20 points
Relevant work experience undertaken in an approved workplace, enabling the application of skills acquired in an academic environment.
R EDCR 360, SOWK 392, 492
LT BA(hons), PGDipArts

HUMS 501 Writing and Revision for Graduate Research
S2 0.25 EFTS OL, OC 30 points
The theoretical and practical tools needed by graduate research students to achieve effective communication of their academic ideas in both print and other media.
LT MA

HUMS 502 Research Methods in the Humanities
SS, ES 0.15 EFTS DL, DP 20 points
Examination of key principles of research in the humanities, relevant to the student’s choosing and its problems. To be presented in the form of a scholarly article.
R EDCR 360, SOWK 392, 492
LT BA(hons), PGDipArts

HUMS 503 Key Debates in the Humanities
S1 0.25 EFTS OL, OC 30 points
What is modernity? Where is power, and how is it exercised? Are there limits to our abilities to understand and empathise with other people? Where is Humanities scholarship heading?
LT MA

Human Nutrition
For the latest information regarding Undergraduate papers in Human Nutrition please see www.otago.ac.nz/courses/papers/index.html?subjcode=HUNT from early September 2018.

HUND 471 Clinical Nutrition
FY 0.25 EFTS OL, OC 30 points
Advanced study of clinical nutrition as it relates to lifestyles and the treatment of nutrition-related disease; nutritional needs of groups and individuals in a range of settings; pathology of nutrition-related illness.
LT MNDiet
<table>
<thead>
<tr>
<th>Paper Code</th>
<th>Paper Title</th>
<th>Level</th>
<th>Code</th>
<th>Credit Points</th>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>HUNT 472</td>
<td>Public Health Dietetics</td>
<td>ES</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
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<tr>
<td>HUNT 473</td>
<td>Food Service Management</td>
<td>ES</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>Advanced study of the theory and concepts of food service management. Application to a range of health industry food services, with a focus on meeting consumer and client needs.</td>
<td></td>
</tr>
<tr>
<td>HUNT 475</td>
<td>Applied Dietetics</td>
<td>ES</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
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</tr>
<tr>
<td>HUNT 477</td>
<td>Professional Placement</td>
<td>S2</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>A professional placement, based on placements in a number of District Health Board (DHB) and other settings in both the North and South Islands.</td>
<td></td>
</tr>
<tr>
<td>HUNT 451</td>
<td>Nutritional Assessment</td>
<td>S2</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>A lecture- and seminar-based paper that involves a critical appraisal of all of the state of the art dietary, anthropometric, laboratory and clinical methods used by human nutritionists to assess the nutritional status of individuals or groups.</td>
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</tr>
<tr>
<td>HUNT 452</td>
<td>Nutrition and Human Health</td>
<td>S2</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>A lecture- and seminar-based paper that aims to develop an understanding of the role of nutrition in selected health problems, and to develop research-related writing, seminar presentation, analytical and critical appraisal skills.</td>
<td></td>
</tr>
<tr>
<td>HUNT 453</td>
<td>Topics in Behavioural and Applied Nutrition</td>
<td>S1</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>Builds skills and understanding within the field of applied nutrition. Topics include: application of behaviour change theory to eating behaviour, development and application of food models, the policy and process for food regulation.</td>
<td></td>
</tr>
<tr>
<td>HUNT 454</td>
<td>Nutritional Biostatistics</td>
<td>S1</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>Fundamental biostatistical issues encountered in the design and analyses of quantitative/qualitative research projects. Topics include: data description, basic probability concepts, statistical inference, hypothesis testing, regression models and study design.</td>
<td></td>
</tr>
<tr>
<td>HUNT 455</td>
<td>Advanced Topics in Human Nutrition</td>
<td>ES</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
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</tr>
<tr>
<td>HUNT 460</td>
<td>Research Project in Sport and Exercise Nutrition</td>
<td>FY</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
<td>A critical and in-depth analysis of current and topical issues in the nutritional aspects of exercise, performance and sport, including practical application in a sporting or other exercise setting.</td>
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<tr>
<td>HUNT 485</td>
<td>Research Project</td>
<td>FY</td>
<td>0.1667 EFTS OL, OC</td>
<td>20 points</td>
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<tr>
<td>HUNT 490</td>
<td>Dissertation</td>
<td>FY</td>
<td>0.5 EFTS OL, OC, DP</td>
<td>60 points</td>
<td>A supervised project involving original research and leading to the production of a dissertation.</td>
<td></td>
</tr>
<tr>
<td>NUTN 401</td>
<td>Principles of Human Nutrition</td>
<td>S1</td>
<td>0.25 EFTS OL, DL</td>
<td>30 points</td>
<td>An overview of macronutrients and micronutrients, including analysis of topical research specific to each nutrient. Assessment of nutritional status, with particular emphasis on dietary assessment and interpretation.</td>
<td></td>
</tr>
<tr>
<td>NUTN 402</td>
<td>Nutrition and Health Promotion</td>
<td>NO</td>
<td>0.25 EFTS OL, DL</td>
<td>30 points</td>
<td>Current evidence-informed approaches to nutrition, education, promotion and communication.</td>
<td></td>
</tr>
<tr>
<td>NUTN 404</td>
<td>Nutrition and Chronic Disease</td>
<td>S2</td>
<td>0.25 EFTS OL, DL</td>
<td>30 points</td>
<td>A critical and in-depth analysis of current and topical issues in the role of nutrition in chronic disease, specifically heart disease, diabetes, obesity and cancer.</td>
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</tr>
<tr>
<td>NUTN 407</td>
<td>Advanced Sports Nutrition</td>
<td>NO</td>
<td>0.25 EFTS OL, DL</td>
<td>30 points</td>
<td>A critical and in-depth analysis of current and topical issues in the nutritional aspects of exercise, performance and sport.</td>
<td></td>
</tr>
<tr>
<td>INGS 501</td>
<td>Indigenous Theory and Method</td>
<td>S1</td>
<td>0.1667 EFTS OL, DL</td>
<td>20 points</td>
<td>Introduces key theory and method questions for Indigenous Studies, focusing on the central challenge of defining Indigenous.</td>
<td></td>
</tr>
<tr>
<td>INGS 510</td>
<td>Special Topic</td>
<td>NO</td>
<td>0.2 EFTS OL, DL</td>
<td>20 points</td>
<td>A special topic in Indigenous Studies. All students are required to have access to the Internet.</td>
<td></td>
</tr>
<tr>
<td>INGS 590</td>
<td>Research Report</td>
<td>N1</td>
<td>0.42 EFTS OL, OC</td>
<td>60 points</td>
<td>A supervised research project of no more than 18,000 words (excluding notes, appendices, bibliography) on an approved topic.</td>
<td></td>
</tr>
<tr>
<td>INJU 220</td>
<td>Māori and Pacific Cultures in Aotearoa New Zealand</td>
<td>NO (2021)</td>
<td>0.1 EFTS</td>
<td>12 points</td>
<td>The study and practice of language, performing arts and cultural knowledge.</td>
<td></td>
</tr>
</tbody>
</table>

### Human Resource Management
See minor subject requirements (page 102).

### Human Services Law
See minor subject requirements (page 102).

### Immunology

<table>
<thead>
<tr>
<th>Paper Code</th>
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<th>Code</th>
<th>Credit Points</th>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMMU 495</td>
<td>Master's Thesis Preparation</td>
<td>FY</td>
<td>0.3333 EFTS OC, DP</td>
<td>40 points</td>
<td>Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master's degree by papers and thesis.</td>
<td></td>
</tr>
</tbody>
</table>

### Indigenous Development/He Kura Matanui

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<thead>
<tr>
<th>Paper Code</th>
<th>Paper Title</th>
<th>Level</th>
<th>Code</th>
<th>Credit Points</th>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INDV 220</td>
<td>Māori and Pacific Cultures in Aotearoa New Zealand</td>
<td>NO (2021)</td>
<td>0.1 EFTS</td>
<td>12 points</td>
<td>The study and practice of language, performing arts and cultural knowledge.</td>
<td></td>
</tr>
</tbody>
</table>

### Indigenous Studies

<table>
<thead>
<tr>
<th>Paper Code</th>
<th>Paper Title</th>
<th>Level</th>
<th>Code</th>
<th>Credit Points</th>
<th>Mode</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>INGS 501</td>
<td>Indigenous Theory and Method</td>
<td>S1</td>
<td>0.1667 EFTS OL, DL</td>
<td>20 points</td>
<td>Introduces key theory and method questions for Indigenous Studies, focusing on the central challenge of defining Indigenous.</td>
<td></td>
</tr>
<tr>
<td>INGS 510</td>
<td>Special Topic</td>
<td>NO</td>
<td>0.2 EFTS OL, DL</td>
<td>20 points</td>
<td>A special topic in Indigenous Studies. All students are required to have access to the Internet.</td>
<td></td>
</tr>
<tr>
<td>INGS 590</td>
<td>Research Report</td>
<td>N1</td>
<td>0.42 EFTS OL, OC</td>
<td>60 points</td>
<td>A supervised research project of no more than 18,000 words (excluding notes, appendices, bibliography) on an approved topic.</td>
<td></td>
</tr>
</tbody>
</table>

### Infection and Immunity

See Biomedical Sciences programme requirements (page 95).

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**Key**
- S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; ND: not offered; OP: offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; DP: Paper is available on campus; DL: Paper is available by Distance Learning; RP: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. **Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers**
Information Science

INFO 201 Developing Information Systems 1
S1 0.15 EFTS OL, OC 18 points
Introduction to creating information systems, with particular focus on the software development life cycle; eliciting, specifying, and modelling requirements; and modelling and implementing business processes and software designs.

INFO 202 Developing Information Systems 2
S2 0.15 EFTS OL, OC 18 points
Introduction to creating information systems, with particular focus on: using frameworks to build web applications; relational databases; principles of software testing; deployment and underpinning infrastructure; and tool support.

INFO 203 Human-Computer Interaction and User Experience
S1 0.15 EFTS OL, OC 18 points
Introduction to human-computer interaction (HCI), usability, user experience, visual computing, and user-centred and goal-directed design for interactive systems.

INFO 204 Introduction to Data Science
S2 0.15 EFTS OL, OC 18 points
An introduction to Data Science and its foundations, including data sources, learning algorithms, enabling behavioural change through data science, and ethical considerations.

INFO 250 Special Topic: Practical Data Science
NO 0.15 EFTS OC, DP 18 points
Introduction to the techniques used to prepare, integrate, manage and visualise complex data using modern software environments. Essential to students needing to manage data in science, business or humanities.

INFO 301 Applied Project
S2 0.15 EFTS OL, OC 18 points
Real-world, team-based development of an information system for an external client.

INFO 302 Information Systems Strategy and Governance
S1 0.15 EFTS OL, OC 18 points
The way organisations strategically use information systems (IS) and information technology (IT) to drive and sustain business processes, including how structures and policies are used in creating value opportunities and enabling corporate governance.

INFO 303 Enterprise Information Systems Infrastructure
S2 0.15 EFTS OL, OC 18 points
The information and communications technology (ICT) infrastructure that organisations use to support their business functions, including middleware for service and design integration and data warehousing and analytics.

INFO 304 Advanced Data Science
S2 0.15 EFTS OL, OC 18 points
Computational methods for visualising, transforming, modelling and assessing data to allow informed decision making, prediction and knowledge construction.

INFO 305 Pervasive Computing and Interactive Technologies
S2 0.15 EFTS OL, OC 18 points
Introduction to pervasive and mobile computing, covering concepts and visions for pervasive computing, sensors, mobile and wearable devices, interfaces for pervasive computing, and Android for developing mobile wearable systems.

INFO 310 Software Project Management
S1 0.15 EFTS OL, OC 18 points
Contemporary techniques and methodologies for modern software and systems development.

INFO 315 Special Topic: Human-Computer Interaction
NO 0.15 EFTS OC, DP 18 points
The foundations of human-computer interaction, usability engineering and usability evaluation, visual design, the processes and techniques used in requirements analysis, and the impact of advanced interface technologies, such as multimedia and computer-mediated realities on future interaction paradigms.

INFO 320 Special Topic: ICT Fundamentals
NO 0.15 EFTS OC 18 points
An introduction to the ICT industry. Students are expected to study two of the following topics: foundations of information systems, web design, computer programming, human-computer interaction.

INFO 340 Management of Large-Scale Data
S1 0.1667 EFTS OL, OC 20 points
A study of advanced topics relating to the management of extremely large-scale data sets (big data).

INFO 408 Management of Large-Scale Data
S1 0.1667 EFTS OL, OC 20 points
A study of advanced topics relating to the management of extremely large-scale data sets (big data).

INFO 410 Multimedia User Experience - Theory and Practice
S2 0.1667 EFTS OL, OC 20 points
Theories, interaction, and design problems for developing multimedia systems: e.g. the development of multimedia databases, interactive media, animation, augmented reality, digital video, and audio in a number of application domains such as education, entertainment, and virtual environments.

INFO 411 Machine Learning and Data Mining
S2 0.1667 EFTS OL, OC 20 points
Principles and algorithms of machine learning techniques and their use in data mining, application case studies on business intelligence, software engineering, computer networking, and pattern recognition etc.; new research trends.

INFO 420 Statistical Techniques for Data Science
S2 0.1667 EFTS OL, OC 20 points
Explores a range of statistical techniques for data analysis, from statistical modelling of univariate data to the visualisation of patterns in multivariate data.

INFO 424 Adaptive Business Intelligence
S1 0.1667 EFTS OL, OC 20 points
The techniques of data science used to produce predictive and adaptive decision support systems with particular emphasis on prediction, optimisation and search methods.

INFO 470 Special Topic
ES 0.1667 EFTS OL, OC 20 points
A special topic in information science that may be either a lecture programme, or an individual supervised course of study.

INFO 490 Dissertation
FY 0.3333 EFTS OL, OC 40 points
A supervised research project on an approved topic leading to the production of a dissertation.

INFO 501 Applied Project
N1 0.3333 EFTS OL, OC 40 points
An investigation of a business problem (real or simulated), backed by appropriate applied and academic literature.

INFO 580 Research Project
N1 0.3333 EFTS OL, OC 40 points
Investigation of a problem at a critical and analytical level, backed by appropriate applied and academic literature.
International Business

IBUS 480  Dissertation
FY 0.3333 EFTS  OC 40 points
A dissertation or case study on issues relating to one or more areas of International Business.
LT BCom(Hons), PGDipCom

IBUS 501  Applied Project
N1, N2 0.3333 EFTS  OL, OC 40 points
An investigation of a business problem (real or simulated), backed by appropriate applied and academic literature.
LT MiniBus

IBUS 580  Research Project
N1, N2 0.3333 EFTS  OL, OC 40 points
Investigation of a problem at a critical and analytical level, backed by appropriate applied and academic literature.
LT MiniBus

International Studies

INTS 502  International Politics
S1 0.25 EFTS  OL, OC 30 points
Contending international theories, actors in the international system, security dimensions and key issues in global politics.
LT MIntSt

INTS 503  The Global Economy
S2 0.25 EFTS  OL, OC 30 points
The microeconomics of international trade and the macroeconomics of the world economy. The focus is on recent trends in, and likely prospects for, the global economy.
LT MIntSt

INTS 504  International Legal Issues
S1 0.25 EFTS  OL, OC 30 points
Gives a foundation in the basic principles of international law and examines the role of legal principles in world affairs on topics such as the use of force, law of the sea, self-determination, and human rights.
LT MIntSt

INTS 509  Global Peace and Conflict
S2 0.25 EFTS  OL, OC 30 points
Theoretical explanations for, forms of, organised violence and peace in the international system, and a critical introduction to post-conflict peace building and alternatives to the use of force and violence.
LT MIntSt

INTS 590  Research Dissertation
FY 0.5 EFTS  OL, OC 60 points
A research project of not more than 20,000 words.
LT MIntSt

Irish Studies

See minor subject requirements (page 102).

Japanese

JAPA 131  Introductory Japanese 1
S1 0.15 EFTS  OL, OC 18 points
An introductory course in reading, writing, speaking and listening to Japanese for students with no previous knowledge of the language. The paper takes an integrated approach to the skills of language acquisition and includes basic material on the cultural heritage of the Japanese people.
R JAPA 103 or 132
SC Arts and Music
Note: This paper is for beginners only and is not available to students who have passed NCEA Level 2 or 3 (or equivalent) in Japanese. For further information, contact the Programme Coordinator (languages@otago.ac.nz).

JAPA 132  Introductory Japanese 2
S2 0.15 EFTS  OL, OC 18 points
A continuation of JAPA 131, further developing students' Japanese language skills in reading, writing, speaking and listening at an elementary level. The paper takes an integrated approach to the skills of language acquisition and includes basic material on the cultural heritage of the Japanese people.
R JAPA 103 or 131
SC Arts and Music
Notes: (i) Suitable for students who have completed 2-3 years of Japanese language study at secondary school. (ii) You may be able to take this paper without the prerequisite if you can demonstrate the required ability. Use the special permission process to apply to do this. List any qualifications you have gained e.g. NCEA, and years studied, as well as a note of any other exposure to this language. This request together with any documentation you provide or request for the transfer of credit(s) will then be submitted for approval.

Note: for JAPA 231, 233: If you have previous knowledge of the language you can still enrol in this paper via Special Permission as part of paper selection, or email languages@otago.ac.nz for assistance.

JAPA 231  Intermediate Japanese
S1 0.15 EFTS  OL, OC 18 points
A continuation of JAPA 132, developing intermediate-level skills in speaking, listening, reading and writing, and in the grammatical analysis of Japanese.
R JAPA 112 or 132
SC Arts and Music

JAPA 233  Business and Professional Japanese
S2 0.15 EFTS  OL, OC 18 points
A continuation of JAPA 231. Develops communication skills in professional and business-related Japanese language, with real emphasis on speaking, listening, reading, writing, and training in the cultural protocols involved in conducting business and professional activities in Japan.
R JAPA 231
SC Arts and Music
Note: Suitable for students who have completed 4-5 years of Japanese language study at secondary school.

JAPA 242  Understanding Japanese Culture
S1 0.15 EFTS  OL, OC 18 points
An introduction to traditional Japanese culture and society.
R P 36 points
JAPA 221, 342
SC Arts and Music
Note: Suitable for students who have completed 4-5 years of Japanese language study at secondary school.

JAPA 243  Issues in Japanese Culture Today
NO 0.15 EFTS  OL, OC 18 points
An in-depth analysis of some of the major issues of Japanese culture and society today, such as nationalism, regionalism, modernisation, and religion.
R P 18 200-level JAPA points
JAPA 243
SC Arts and Music
Note: This paper is offered in English; texts in Japanese are optional.

JAPA 244  Modern Japanese Fiction
S1 0.15 EFTS  OL, OC 18 points
The study of major works of modern Japanese fiction in their historical, social and cultural contexts, and also in an East/West comparative perspective.
R P 36 points
JAPA 231, 343
SC Arts and Music
Note: This paper is offered in English; texts in Japanese are optional.

JAPA 245  Advanced Japanese Fiction
NO 0.15 EFTS  OL, OC 18 points
The study of major works of modern Japanese fiction in their historical, social and cultural contexts, and also in an East/West comparative perspective.
R P 36 points
JAPA 203, 344
SC Arts and Music
Note: All lectures and readings are offered in English; texts in Japanese are optional.

JAPA 331  Advanced Japanese 1
S1 0.15 EFTS  OL, OC 18 points
The development of advanced-level Japanese language skills in speaking, listening, reading, and writing, applying grammatical analysis to authentic Japanese materials. This course complements JAPA332.
R JAPA 233
SC Arts and Music
Note: JAPA 331 and 332 are not sequential and may be taken in any order.

JAPA 332  Advanced Japanese 2
S2 0.15 EFTS  OL, OC 18 points
The development of advanced-level Japanese language skills in speaking, listening, reading, and writing, applying grammatical analysis to authentic Japanese material. This course complements JAPA331.
R JAPA 233

JAPA 334  Advanced Japanese 3
NO 0.15 EFTS  OL, OC 18 points
An advanced Japanese language paper which extends students' Japanese language skills through the discussion of particular areas of the Japanese culture.
R JAPA 331 or 332
SC Arts and Music

JAPA 342  Understanding Japanese Culture
S2 0.15 EFTS  OL, OC 18 points
An introduction to traditional and contemporary Japanese culture and society.
R P 18 200-level JAPA points
JAPA 221, 242
SC Arts and Music
Note: This paper is offered in English; texts in Japanese are optional.

JAPA 343  Issues in Japanese Culture Today
NO 0.15 EFTS  OL, OC 18 points
An in-depth analysis of some of the major issues of Japanese culture and society today, such as nationalism, regionalism, modernisation, and religion.
R P 18 200-level JAPA points
JAPA 243
SC Arts and Music
Note: All lectures and readings are offered in English; texts in Japanese are optional.

JAPA 344  Modern Japanese Fiction
NO 0.15 EFTS  OL, OC 18 points
The study of major works of modern Japanese fiction in their historical, social and cultural contexts, and also in an East/West comparative perspective.
R P 18 200-level JAPA points
JAPA 244, 303
SC Arts and Music
Note: This paper is offered in English; texts in Japanese are optional.

JAPA 351  The Structure of the Japanese Language
NO 0.15 EFTS  OL, OC 18 points
An introduction to the study of Japanese linguistics. Students learn how the core systems of language phonology, morphology, syntax, and semantics operate in the Japanese language.
R LING 111, JAPA 231
R JAPA 251
SC Arts and Music

JAPA 441  Advanced Topics in Japanese
ES 0.1667 EFTS  OL, OC, DP 20 points
Topics in Japanese language and culture, taught and examined in Japanese.
R JAPA 334
R JAPA 402

JAPA 451  Studies in Japanese
ES 0.1667 EFTS  OL, OC, DP 20 points
Studies in Japanese language and culture at a university that is an exchange partner of the University of Otago. LT BAJ(hons), PGrAdPS

Key

S1: first semester;  S2: second semester;  ES: each semester;  FY: full year;  SS: Summer School;  N1-5: non-standard periods;  N*: not offered in 2019;  NO: not offered;  OL: offered, expected to be offered in the year noted;  OC: Paper supported by online learning management system;  RP: Restricted;  Limited to;  RP: Recommended preparation;  RC: Recommended concurrent study;  SC: Schedule C;  L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information.  *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
LATN 464 A Topic in Latin Literature
S2 0.1667 EFTS OL, OC 20 points
P 18 300-level LATN points

Law

LAWS 101 The Legal System
S2 0.3 EFTS OL, OC 36 points
(a) Historical introduction to the New Zealand legal system and its antecedents. Introduction to statutory interpretation; (b) Case analysis, legal reasoning and the judicial process.
SC Arts and Music
Note: Two three-hour examinations.

LAWS 102 Introduction to Law and New Technologies
NO 0.15 EFTS OL, OC 18 points
Selected areas of law as it applies to evolving areas of new technologies.
R LAWS 428
SC Arts and Music
Note: LAWS 102 counts as a non-Law paper and may be taken either as 18 points of the 108 non-Law points in an LLB programme or as an elective paper in other undergraduate degree programmes.

LAWS 201 Criminal Law
FY 0.25 EFTS OL, OC 30 points
General principles of criminal liability. The law relating to indictable and other selected offences. Procedure on indictment and summary procedure (excluding evidence).
P LAWS 101
LT LLB

LAWS 202 Law of Contract
FY 0.25 EFTS OL, OC 30 points
The general principles of the law of contract and agency.
P LAWS 101
LT LLB

LAWS 203 Property Law
FY 0.25 EFTS OL, OC 30 points
Introduction to the law relating to property, both equitable and proprietary.
P LAWS 101
LT LLB

LAWS 204 Public Law
FY 0.25 EFTS OL, OC 30 points
The constitution, the institutions of government, the exercise of public power, and relations between persons and the state. Controls on the exercise of public power, including an introduction to judicial review.
P LAWS 101
LT LLB

LAWS 298 Legal Writing
FY 0 EFTS OC 0 points
A writing skills course to prepare students for writing research assignments.
LT LLB, LLB(Hons)

LAWS 301 Law of Torts
FY 0.2 EFTS OL, OC 30 points
The law as to the various kinds of torts.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAWS 302 Jurisprudence
FY 0.2 EFTS OL, OC 30 points
Theoretical perspectives on the nature, values and functions of law.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

Note for LAWS 302: Jurisprudence
Not all optional papers will be available in any given year.

LAWS 311 Family Law
FY 0.2 EFTS OL, OC 30 points
Law and procedures concerning the formation and breakdown of family relationships, and the relationship between family and state. Legal recognition of theories of human relationships.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 411, 511
LT GDipBHl, LLB, LLB(Hons)

LAWS 312 International Law
NO (2020) 0.2 EFTS OL, OC 30 points
The principles of the law of nations in peace, war and neutrality. An introduction to the law of international organisations.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 412
LT LLB, LLB(Hons)

LAWS 314 Law of Evidence
NO (2020) 0.2 EFTS OL, OC 30 points
The principles of the law of evidence in civil and criminal cases.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 414
LT LLB, LLB(Hons)

LAWS 380 Preliminary Honours Research Papers
FY 0 EFTS OC, DP 0 points
Submission of research papers written in conjunction with 300- and 400-level LAWS papers.
LT LLB(Hons)

LAWS 398 Legal Research Skills
FY 0 EFTS OC 0 points
A legal research skills course to prepare students for completing their legal research assignments.
LT LLB, LLB(Hons)

LAWS 402 The Genomic Future and the Law
NO (2020) 0.1 EFTS OL, OC 15 points
Consideration of the interface between genetics, other biotechnologies and law.
P LAWS 201, 202, 203, 204
LT LLB, LLB(Hons)

Note for LAWS 404-420:
Not all optional papers will be available in any given year.

LAWS 404 Administrative Law
NO 0.1 EFTS OL, OC 15 points
Advanced study of controls on the exercise of public power, with particular focus on judicial review.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAWS 405 Civil Liberties and the Private Sector
NO 0.1 EFTS OL, OC 15 points
The sources and nature of civil rights, a survey of rights and the principles of pleading and the drafting of documents. Procedural reform and development.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAWS 406 Civil Procedure
S2 0.1 EFTS OL, OC 15 points
The jurisdiction and procedure of the District Court, High Court and Court of Appeal in civil cases. The principles of pleading and the drafting of documents. Procedural reform and development.
P 96 LAWS points
PC LAWS 301 and any 200-level LAWS paper not already passed
R LAWS 306
LT LLB, LLB(Hons)

LAWS 407 Company Law
S1 0.1 EFTS OL, OC 15 points
The general principles of the law relating to companies; legal regulation of the flotation of public companies and of the offering of financial securities to the public.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 307
LT LLB, LLB(Hons)

LAWS 408 Comparative Law
NO 0.1 EFTS OL, OC 15 points
The aim and method of comparative legal studies; an outline of the principal legal systems; the study of selected topics.
P 96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 308
LT LLB, LLB(Hons)
LAW 409 Private International Law
S1 0.1 EFTS OL, OC 15 points
P: 96 LAW points
PC: Any 200-level LAW paper not already passed
R: LAW 309
LT: LLB, LLB(Hons)

LAW 410 Criminology
S1 0.1 EFTS OL, OC 15 points
The theory of criminology; the concepts of crime and the criminal; the nature and extent of crime; the causes of crime; race, gender and class issues in crime.
P: LAW 201 and 66 further LAW points
PC: Any 200-level LAW paper not already passed
R: LAW 310
LT: LLB, LLB(Hons)

LAW 412 International Law
S2 0.1 EFTS OL, OC 15 points
The principles of the law of nations in peace, war and neutrality; an introduction to the law of international organisation.
P: 96 LAW points
PC: Any 200-level LAW paper not already passed
R: LAW 313
LT: LLB, LLB(Hons)

LAW 413 Labour Law
S1 0.1 EFTS OL, OC 15 points
The legal relations of employer and employee. Dispute settlement systems. Industrial safety and welfare law. Trade union and labour relations law.
P: 96 LAW points
PC: Any 200-level LAW paper not already passed
R: LAW 314
LT: LLB, LLB(Hons)

LAW 415 Resource Management Law
S2 0.1 EFTS OL, OC 15 points
An introduction to the principles of Resource Management Law.
P: LAW 201, 202, 203, 204
R: LAW 315, 515
LT: LLB, LLB(Hons)

LAW 416 Taxation
S1 0.1 EFTS OL, OC 15 points
Aspects of the law, practice, and policy of major taxation.
P: 96 LAW points
PC: Any 200-level LAW paper not already passed
R: LAW 316
LT: LLB, LLB(Hons)

LAW 417 Criminal Justice
S1 0.1 EFTS OL, OC 15 points
Law enforcement, the powers, duties, functioning and control of the police, the prosecution, remand and trial processes; the operation of the penal system, excluding the law of sentencing; juvenile justice.
P: LAW 201 and 66 further LAW points
PC: Any 200-level LAW paper not already passed
R: LAW 317
LT: LLB, LLB(Hons), BAppSc

LAW 418 Crime and Property
S1 0.1 EFTS OL, OC 15 points
The general principles of crimes against property rights with particular emphasis on Part 10 of the Crimes Act 1961.
P: LAW 201, 203 and 36 further LAW points
PC: Any 200-level LAW paper not already passed
LT: LLB, LLB(Hons)
Note: May not be credited together with LAWS 474 passed in 2004-2007.

LAW 419 Securities Market Regulation
S2 0.1 EFTS OL, OC 15 points
An introduction to the regulation of New Zealand capital markets. Topics cover the primary and secondary markets and include offers of securities to the public, disclosure to the market, market abuse, regulation of the stock exchange and of financial intermediaries.
P: LAW 201, 202, 203, 204
LT: LLB, LLB(Hons)
Note: May not be credited together with LAWS 476 passed in 2002-2005, 2007 or 2008.

LAW 420 Law and the Democratic Process
S1 0.1 EFTS OL, OC 15 points
Examines the ways in which New Zealand’s system of law-making both shapes, and is shaped by, its democratic processes.
P: LAW 201, 202, 203, 204
LT: LLB, LLB(Hons)
Note: May not be credited together with LAWS 477 passed in 2002-2005, 2007 or 2008.

LAW 421 International Environmental Law
S2 0.1 EFTS OL, OC 15 points
An introduction to the principles and sources of international environmental law, and an investigation of current issues including the impact of and on state sovereignty, and tensions between trade and environment.
P: LAW 201, 202, 203, 204
R: LAWS 521
LT: LLB, LLB(Hons)

LAW 422 Bill of Rights - Theory and Practice
S1 0.1 EFTS OL, OC 15 points
The theoretical underpinnings of the New Zealand Bill of Rights Act, its equivalents in other countries, and how it has affected the framework of law making and judicial decision making.
P: LAWS 201 and 66 further LAWS points
PC: Any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)

LAW 423 Information and Data Protection Law
S1 0.1 EFTS OL, OC 15 points
Data protection law and policy on the domestic and international levels, focusing largely on the Privacy Act 1993, which is New Zealand’s data protection legislation.
P: LAWS 201 and 66 further LAWS points
PC: Any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)

LAW 424 International Criminal Court
NO 0.1 EFTS OL, OC 15 points
An introduction to the International Criminal Court (ICC) and its jurisdiction and procedures.
P: LAWS 201 and 66 further LAWS points
PC: Any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)

LAW 425 Energy Law
S2 0.1 EFTS OL, OC 15 points
Legal framework for minerals ownership, access and exploitation, governance of the electricity and gas industries; energy contracts, environmental issues for energy participants including the emissions trading scheme.
P: LAWS 201
LT: LLB, LLB(Hons)

LAW 426 Insurance Law
NO 0.1 EFTS OL, OC 15 points
An introduction to insurance law, with particular emphasis on the duty of utmost good faith, the types of insurance, terms unique to insurance contracts, and subrogation and contribution.
P: LAWS 202 and 66 further LAWS points
PC: Any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)

LAW 427 Commercial Equity
NO (2021) 0.1 EFTS OL, OC 15 points
Builds upon the introduction to equitable concepts and doctrines encountered in LAWS 202 and 203.
P: LAWS 202, 203
LT: LLB, LLB(Hons)

LAW 428 Law and Emerging Technologies
S2 0.1 EFTS OL, OC 15 points
Introduction to the unique problems of attempting to regulate emerging technologies. Future-proofing the law; descriptive and normative disconnection; regulating uncertain risks; ethical diversity and prudential pluralism.
P: LAWS 201 and 66 further LAWS points
PC: Any 200-level LAWS paper not already passed
R: LAWS 102, 528
LT: LLB, LLB(Hons)

LAW 429 Forensic Law
NO 0.1 EFTS OL, OC 15 points
The theory of the case and fact-finding, crime scene management and dealing with expert evidence, including forensic pathology, psychological profiling, computer forensics, stains and blood splatter.
P: 96 LAW points
PC: Any 200-level LAW paper not already passed
LT: LLB, LLB(Hons)


For LAWS 430, 431, 433-437 and 439, 440:
Not all optional papers will be available in any given year.

LAW 430 Advanced Criminal Law
NO 0.1 EFTS OL, OC 15 points
Advanced studies in criminal law and procedure.
P: LAWS 201 and 66 further LAW points
PC: Any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)

LAW 431 Advanced Contract and Tort
S1 0.1 EFTS OL, OC 15 points
Advanced studies of selected topics in the law of contract and tort. The relationship between tortious and contractual liability.
P: LAWS 202, 301
PC: Any 200-level LAW paper not already passed
LT: LLB, LLB(Hons)

LAW 432 Animals and the Law
NO 0.1 EFTS OL, OC 15 points
Theories regarding the legal status of animals and the regulation of animal welfare in New Zealand.
P: LAWS 202, 203, 204
PC: Any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)

Note: May not be credited together with LAWS 472 passed in 2013 and 2015.

LAW 433 Advanced Family Property
NO (2021) 0.1 EFTS OL, OC 15 points
Advanced studies in the holding and devolution of family property under current law with special reference to asset protection and estate planning.
P: LAWS 462
PC: LAWS 311 and any 200-level LAWS paper not already passed
LT: LLB, LLB(Hons)
LAW 434 Agency and Partnership
NO (2021) 0.1 EFTS OL, OC 15 points
A study of the law of agency and partnership.
P  LAWS 202 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 435 Banking Law
S2 0.1 EFTS OL, OC 15 points
A study of the law and practice relating to banking and the financing of business transactions.
P  LAWS 202 and 66 further LAWS points
PC LAWS 301 and any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 436 Commercial and Consumer Law
NO 0.1 EFTS OL, OC 15 points
The principles of the law relating to the sale of goods, consumer guarantees, deceptive practices and consumer credit.
P  LAWS 202 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 437 Competition Law
S1 0.1 EFTS OL, OC 15 points
A study of the law and economic theory relating to anti-competitive business practices. Selected topics include cartels, monopolies and mergers.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 438 Civil Liberties and the Public Sector
NO 0.1 EFTS OL, OC 15 points
Government actions that restrict citizen's liberties: rights theory, privacy, protest, hate speech, censorship, and claims that government statutes or actions are discriminatory.
P  LAWS 201
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 474 passed in 2012, 2014, or with LAWS 405 passed in 2010 or earlier.

LAW 439 Creditors' Remedies
NO 0.1 EFTS OL, OC 15 points
Legal problems which arise when a debtor is in financial difficulties, including unsecured creditor's rights in insolvency and company liquidation, methods of enforcing judgments, contractor's liens and other creditor's rights.
P  LAWS 203 and 66 further LAWS points
PC LAWS 301 and any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 440 Environmental Law
S2 0.1 EFTS OL, OC 15 points
Analysis and assessment of the law relating to the use and protection of the physical environment.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 540
LT LLB, LLB(Hons)

LAW 441 Advanced Taxation
S2 0.1 EFTS OL, OC 15 points
Selected advanced topics within taxation.
P  LAWS 416
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 475 passed in 2014.

LAW 442 Law and the Sports Industry
NO (2020) 0.1 EFTS OL, OC 15 points
Law, economics and morality of professional sports leagues, focusing on the antitrust (competition law) and contractual issues surrounding professional sport as well as the ethical problems facing sport's governing authorities.
P  LAWS 202
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 485 passed in 2014-2015.

LAW 443 International Investment Law
NO 0.1 EFTS OL, OC 15 points
The international community's regulation of foreign investment; the norms that have developed to govern this process and protect investors.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 444 Intellectual Property
NO (2020) 0.1 EFTS OL, OC 15 points
The law protecting ownership and related rights in the expression and use of ideas, including copyright, patents, registered designs, trade marks, rights to confidential information, and actions for 'passing off'.
P  LAWS 202, 203 and 36 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 445 Landlord and Tenant
NO 0.1 EFTS OL, OC 15 points
A study of the relationship of landlord and tenant.
P  LAWS 203 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 446 Law and Economics
NO 0.1 EFTS OL, OC 15 points
An examination of the use of economic analysis to identify and explain policy issues in selected areas of law.
P  LAWS 301 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 447 Law and Medicine
S2 0.1 EFTS OL, OC 15 points
Legal aspects of ethical and other issues arising in medical practice and research, such as the status of the foetus, confidentiality, death and dying, cadaveric transplantation.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 547
LT GDPBl(H), LLB, LLB(Hons), PGCertPHC, PGDipPHC

LAW 448 Law and Psychiatry
NO 0.1 EFTS OL, OC 15 points
A study of laws governing compulsory psychiatric treatment, particularly committal under the Mental Health Act and relations between the mental health and criminal justice systems.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
R LAWS 548
LT GDPBl(H), LLB, LLB(Hons), PGCertPHC, PGDipPHC

LAW 449 Criminal Procedure
NO (2021) 0.1 EFTS OL, OC 15 points
Examination of the Criminal Procedure Act 2011, which came into full effect in 2013 and introduced the most significant changes to criminal procedure in over 50 years.
P  Any 200-level LAWS paper not already passed
R 96 LAWS points
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 487 passed in 2009 or LAWS 477 passed in 2012, 2014 or 2016.

LAW 450 Law of Restitution
NO 0.1 EFTS OL, OC 15 points
The law relating to claims, quasi-contractual or otherwise, which are founded upon the principle of unjust enrichment.
P  Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 451 Advanced Legal History
NO 0.1 EFTS OL, OC 15 points
Aspects of the legal history of New Zealand and Great Britain.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 452 Legal Theory
S2 0.1 EFTS OL, OC 15 points
A study of selected issues in the philosophy and sociology of law.
P  LAWS 302 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 453 Advanced Legislation
S2 0.1 EFTS OL, OC 15 points
General principles of legislation and the legislative process, the structure of legislation (including delegated and subordinate legislation), judicial review of legislation, statutory interpretation and construction, legislative drafting, codification.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 454 Negotiation
NO 0.1 EFTS OL, OC 15 points
An examination of negotiation techniques and strategy. Includes student participation in mock negotiations.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 455 Māori Land Law
S1 0.1 EFTS OL, OC 15 points
Legal issues concerning Māori land holding, including occupation and use.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 456 Media Law: Privacy and the Media
NO (2020) 0.1 EFTS OL, OC 15 points
Analysis and assessment of the law relating to the media.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 457 Secured Transactions
S1 0.1 EFTS OL, OC 15 points
The principles of the law of mortgages and other securities.
P  LAWS 202, 203 and 36 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 458 Sentencing
NO (2020) 0.1 EFTS OL, OC 15 points
The law relating to sentencing the criminal offender, including theories of punishment, the mechanics of the sentencing process, the use of probation and psychiatric reports, sentencing alternatives.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 459 Treaty of Waitangi
NO (2020) 0.1 EFTS OL, OC 15 points
Examination of issues relating to the Treaty of Waitangi.
P  LAWS 204 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 460 Vendor and Purchaser
S1 0.1 EFTS OL, OC 15 points
Selected topics in the law relating to contracts, involving the sale of land and the transfer of title.
P  LAWS 203 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)

LAW 461 Law and Indigenous Peoples
NO (2020) 0.1 EFTS OL, OC 15 points
Comparative examination of a range of issues where law impinges on indigenous peoples.
P  96 LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 473 passed in 2004, 2005 or 2007.

LAW 462 Wills and Trusts
S2 0.1 EFTS OL, OC 15 points
General principles of the law of wills and succession, trusts and gifts, with an introduction to taxation and estate planning.
P  LAWS 203 and 66 further LAWS points
PC Any 200-level LAWS paper not already passed
LT LLB, LLB(Hons)
LAW 463 Legal Ethics
S1 0.1 EFTS OL, OC 15 points
An introduction to ethical analysis including an examination of various theories of ethics; the applicability of ethical analysis to legal practice; the concept of a profession and the ethical and professional duties of practitioners; and the wider responsibilities of lawyers in the community.
P. LAW 201, 202, 203, 204
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 477 passed in 1999-2001.

LAW 464 Advocacy
S2 0.1 EFTS OL, OP, DP 15 points
Practical skills of advocacy, with an emphasis on trial skills and procedures. Designed for law students in their final year of study.
P. (LAW 314 or 414) and 66 further LAW points
PC Any 200-level LAW paper not already passed
LT 66 EFTS (LLB(Hons))
Note: May not be credited together with LAWS 470 passed before 2007.

LAW 465 Law and Society
NO 0.1 EFTS OL, OC 15 points
Examines the modern business corporation from a ‘law in context’ perspective. It takes an interdisciplinary approach and investigates selected historical, political and philosophical issues connected to the modern business corporation as well as legal issues.
P. LAW 201, 202, 203, 204
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 472 passed in 1999-2001.

LAW 467 International Human Rights Law
S2 0.1 EFTS OL, OC 15 points
International human rights legal issues, processes and structures, and their relevance to New Zealand law and practice.
P. LAW 201, 202, 203, 204
LT DGDML, LLB, LLB(Hons), MBHL
Note: May not be credited together with LAWS 474 passed in 1999-2001.

LAW 468 Advanced Company Law
NO 0.1 EFTS OL, OC 15 points
Advanced studies in company law.
P. (LAW 307 and 66 further LAW points) or (LAWS 407 and 81 further LAW points)
PC Any 200-level LAW paper not already passed
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 482 passed before 2007.

LAW 469 Law and Religion
S2 0.1 EFTS OL, OC 15 points
The connection between law and religion.
P. LAW 201, 202, 203, 204
LT LLB, LLB(Hons)
Note: May not be credited together with LAWS 478 passed in 2002, or LAWS 477 passed in 2006.

LAW 471 Special Topic 2
SS 0.1 EFTS OL, OC 15 points
P. 96 LAW points
PC Any 200-level LAW paper not already passed
LT LLB, LLB(Hons)
L Wellington
Note: May not be credited together with LAWS 478 passed in 2002, or LAW 477 passed in 2006.
LING 240 Language, Brain and Being Human
S2 0.15 EFTS OL, OC 18 points
Investigation of human language to discover how the mind works and where the mind ends: at the brain, the body, or in machines?
P 36 points
SC Arts and Music

LING 314 Morphosyntax: Diversity and Unity
S2 0.15 EFTS OC 18 points
Techniques for describing and analysing the morphosyntactic structures of words and sentences. Examination of both the diversity and the underlying similarities amongst languages of the world.
P One 200-level LING paper
SC Arts and Music

LING 318 Child Language
NO 0.15 EFTS OL, OC 18 points
By age five, children have acquired the essentials of their mother tongue. This paper examines the processes of first language acquisition, and its relevance to linguistic theory.
P One 200-level LING paper
SC Arts and Music

LING 319 Second Language Acquisition
NO 0.15 EFTS OL, OC 18 points
Examines the process, research, and theories of second language acquisition (SLA), and factors that facilitate or impede SLA.
P One 200-level LING paper
SC Arts and Music

LING 332 TESOL in Action: Teaching Practice
S2 0.15 EFTS OL, OC, DP 18 points
Students develop as reflective second language teachers by observing professional teachers, teaching international students, observing and evaluating peer teaching, evaluating themselves teaching on film, and engaging in classroom feedback discussions.
PC LING 231
R LING 432
SC Arts and Music
Note: May not be credited together with LING 320 or 423 passed in 2007 or 2008.

LING 342 Laboratory Phonology
NO 0.15 EFTS OL, OC 18 points
Examines the process, research, and theories of second language acquisition (SLA), and factors that facilitate or impede SLA.
P One 200-level LING paper
SC Arts and Music

LING 390 Research Dissertation
NO (2020) 0.1 EFTS OL, OC, DP 12 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

LING 422 Special Topic 3
NO 0.1667 EFTS OL, OC 20 points
Explores word order and time in language processing.
LT BA(Hons), GDipSLT, PGDipArts

LING 423 Special Topic: Language Processing
S1 0.1667 EFTS OL, OC 20 points
Explores word order and time in language processing.
LT BA(Hons), GDipSLT, PGDipArts

LING 432 TESOL in Action: Teaching Practice
S2 0.1667 EFTS OL, OC, DP 20 points
Students develop as reflective second language teachers by observing professional teachers, teaching international students, observing and evaluating peer teaching, evaluating themselves teaching on film, and engaging in classroom feedback discussions.
PC LING 231
R LING 332
LT BA(Hons), GDipSLT, PGDipArts
Note: May not be credited together with LING 320 or 423 passed in 2007 or 2008.

LING 433 Sociolinguistic Language Topics
S2 0.1667 EFTS OL, OC 20 points
Sociolinguistic topics in language, its use and learning. Linguistic relativity, language socialisation, language and identity, and sociolinguistic theory in language research.
LT BA(Hons), GDipSLT, PGDipArts
Note: May not be credited together with LING 422 passed in 2013 or 2014.

LING 490 Dissertation
FY 0.5 EFTS OC, DP 60 points
A dissertation of between 15,000 and 20,000 words.
LT BA(Hons), PGDipArts

LING 590 Research Dissertation
N1 0.5 EFTS OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

LING 103 Language Myths
NO 0.15 EFTS OL, OC 18 points
Examination of popular myths from a linguistics perspective. Includes topics such as the origins and nature of language, attitudes toward languages, and language policies.
SC Arts and Music

LING 111 A World of Languages
S2 0.15 EFTS OC 18 points
A tour through the world's 6,000 languages, learning where they come from and how they are put together: the foundational sounds, words, sentences and meanings of language.
SC Arts and Music

LING 112 Power at Work in Language
S1 0.15 EFTS OL, OC 18 points
We work in language, but how does language work for us? Sociolinguistics analyses how social power and identity (gender, age, status, culture) are related to language use and to policies such as revitalising endangered languages.
SC Arts and Music

LING 217 What's Behind Language: Sound and Structure
S1 0.15 EFTS OC 18 points
An examination of the nature of language through its structural building-blocks, analysing sounds, words and sentences of English and other languages. No prior knowledge of any language other than English is required.
P LIN 111
SC Arts and Music

LING 231 TESOL Guide to Language Teaching
S1 0.15 EFTS OL, OC 18 points
A theoretical and practical introduction to second language teaching methods, strategies, materials and contexts. Students also engage in the micro-teaching of beginners.
PC LIN 111
SC Arts and Music
Note: May not be credited together with LING 220 passed in 2004 or 2005.

LING 240 Language, Brain and Being Human
S2 0.15 EFTS OL, OC 18 points
Investigation of human language to discover how the mind works and where the mind ends: at the brain, the body, or in machines?
P 36 points
SC Arts and Music

LING 314 Morphosyntax: Diversity and Unity
S2 0.15 EFTS OC 18 points
Techniques for describing and analysing the morphosyntactic structures of words and sentences. Examination of both the diversity and the underlying similarities amongst languages of the world.
P One 200-level LING paper
SC Arts and Music

LING 318 Child Language
NO 0.15 EFTS OL, OC 18 points
By age five, children have acquired the essentials of their mother tongue. This paper examines the processes of first language acquisition, and its relevance to linguistic theory.
P One 200-level LING paper
SC Arts and Music

LING 319 Second Language Acquisition
NO 0.15 EFTS OL, OC 18 points
Examines the process, research, and theories of second language acquisition (SLA), and factors that facilitate or impede SLA.
P One 200-level LING paper
SC Arts and Music

LING 332 TESOL in Action: Teaching Practice
S2 0.15 EFTS OL, OC, DP 18 points
Students develop as reflective second language teachers by observing professional teachers, teaching international students, observing and evaluating peer teaching, evaluating themselves teaching on film, and engaging in classroom feedback discussions.
PC LING 231
R LING 432
SC Arts and Music
Note: May not be credited together with LING 320 or 423 passed in 2007 or 2008.

LING 342 Laboratory Phonology
NO 0.15 EFTS OL, OC 18 points
Examines the process, research, and theories of second language acquisition (SLA), and factors that facilitate or impede SLA.
P One 200-level LING paper
SC Arts and Music

LING 390 Research Dissertation
NO (2020) 0.1 EFTS OL, OC, DP 12 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

LING 422 Special Topic 3
NO 0.1667 EFTS OL, OC 20 points
Explores word order and time in language processing.
LT BA(Hons), GDipSLT, PGDipArts

LING 423 Special Topic: Language Processing
S1 0.1667 EFTS OL, OC 20 points
Explores word order and time in language processing.
LT BA(Hons), GDipSLT, PGDipArts

LING 432 TESOL in Action: Teaching Practice
S2 0.1667 EFTS OL, OC, DP 20 points
Students develop as reflective second language teachers by observing professional teachers, teaching international students, observing and evaluating peer teaching, evaluating themselves teaching on film, and engaging in classroom feedback discussions.
PC LING 231
R LING 332
LT BA(Hons), GDipSLT, PGDipArts
Note: May not be credited together with LING 320 or 423 passed in 2007 or 2008.

LING 433 Sociolinguistic Language Topics
S2 0.1667 EFTS OL, OC 20 points
Sociolinguistic topics in language, its use and learning. Linguistic relativity, language socialisation, language and identity, and sociolinguistic theory in language research.
LT BA(Hons), GDipSLT, PGDipArts
Note: May not be credited together with LING 422 passed in 2013 or 2014.

LING 490 Dissertation
FY 0.5 EFTS OC, DP 60 points
A dissertation of between 15,000 and 20,000 words.
LT BA(Hons), PGDipArts

LING 590 Research Dissertation
N1 0.5 EFTS OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Linguistics

LING 103 Language Myths
NO 0.15 EFTS OL, OC 18 points
Examination of popular myths from a linguistics perspective. Includes topics such as the origins and nature of language, attitudes toward languages, and language policies.
SC Arts and Music

LING 111 A World of Languages
S2 0.15 EFTS OC 18 points
A tour through the world's 6,000 languages, learning where they come from and how they are put together: the foundational sounds, words, sentences and meanings of language.
SC Arts and Music

LING 112 Power at Work in Language
S1 0.15 EFTS OL, OC 18 points
We work in language, but how does language work for us? Sociolinguistics analyses how social power and identity (gender, age, status, culture) are related to language use and to policies such as revitalising endangered languages.
SC Arts and Music

LING 217 What's Behind Language: Sound and Structure
S1 0.15 EFTS OC 18 points
An examination of the nature of language through its structural building-blocks, analysing sounds, words and sentences of English and other languages. No prior knowledge of any language other than English is required.
P LIN 111
SC Arts and Music

LING 231 TESOL Guide to Language Teaching
S1 0.15 EFTS OL, OC 18 points
A theoretical and practical introduction to second language teaching methods, strategies, materials and contexts. Students also engage in the micro-teaching of beginners.
PC LIN 111
SC Arts and Music
Note: May not be credited together with LING 220 passed in 2004 or 2005.
MANT 251 Managing Organisations
ES 0.15 EFTS OL, OC 18 points
The theory and practice of organisation, focusing particularly on internal systems and processes of organisations, in particular, as well as strategies and consequences of an organisation’s engagement with its external context.
P BSNS 111, MANT 101 SC Commerce

MANT 252 Developing Responsible Leadership
S2 0.15 EFTS OL, OC 18 points
An introduction to ethically responsible leadership with a focus on self-awareness of students’ own values, strengths and weaknesses, and on developing skills through practical exercises and a social action project.
P MANT 101 or 90 points SC Commerce

MANT 301 Managing Innovation and Growth
S1 0.15 EFTS OL, OC 18 points
The New Zealand context, theory and practice of innovation and growth in new and established organisations.
P MANT 251 and 18 further 200-level points R MANT 301 SC Commerce

MANT 303 Entrepreneurship
S2 0.15 EFTS OL, OC 18 points
A survey of the major topics in entrepreneurship and the skills generally considered necessary for success in an entrepreneurial venture, with many sessions covered by entrepreneurs from all fields. The paper will be structured around a new venture case, and will develop understandings of the issues related to starting a new business.
P 36 200-level points from Commerce Schedule C R Commerce

MANT 330 Leadership
S1 0.15 EFTS OL, OC 18 points
Improves leadership ability by reflexively applying contemporary theories of leadership that emphasize building sustained relationships based on internal values to effect change.
P MANT 252 or 36 200-level points from Commerce Schedule C SC Commerce

Note: May not be credited together with MANT 361 passed in 2011 or 2012.

MANT 331 Business Ethics
S2 0.15 EFTS OL, OC 18 points
Ethical issues in business including ethical theory and reasoning, nature and evolution of the business system, internal and external ethics, and an examination of ethical functioning in business.
P MANT 252 or 36 200-level points from Commerce Schedule C SC Commerce

MANT 332 International Management
S1 0.15 EFTS OL, OC 18 points
A theoretical framework for understanding the major organisations, processes and developments in the global environment and how these affect New Zealanders and our business organisations for managers of New Zealand-based firms are discussed.
P MANT 217 or 222 or 36 200-level points from Commerce Schedule C SC Commerce

MANT 333 Operational Excellence
S1 0.15 EFTS OL, OC 18 points
Development, planning, and implementation of operational and quality tools, techniques, and systems which are used to drive excellence in organisations and all business environments.
P MANT 251 and 18 further 200-level points SC Commerce

MANT 334 Operations and Supply Chain Strategy
S1 0.15 EFTS OL, OC 18 points
Explores planning, organisation and control of the resources and capabilities to improve organisational performance and to satisfy customer requirements. Topics include, resource planning, demand management, procurement strategies, supply chain integration and network design.
P MANT 251 and 18 further 200-level points SC Commerce

MANT 336 Organisation Theory: Work and Identity
NO (2020) 0.15 EFTS OL, OC 18 points
Critical and post-modern perspectives on organisations in their societal and institutional contexts. Insights into the wider forces affecting our knowledge and understanding of people at work.
P MANT 250, 251 SC Commerce

MANT 337 Organisations and Sustainability
S1 0.15 EFTS OL, OC 18 points
Examines how businesses are responding to sustainability and climate change and the socio-economic challenges, and encourages students to create alternative scenarios of future business worlds.
P (MANT 251 and 18 further 200-level points) or 36 200-level points from Commerce Schedule C R MANT 437 SC Commerce

MANT 338 Strategic Management
S1 0.15 EFTS OL, OC 18 points
Study of how organisations formulate and implement value-creating strategies in their competition with other organisations. Students are introduced to the key theories and concepts of strategic management and how these can be applied in a business context.
P MANT 251 and 18 further 200-level points SC Commerce

MANT 339 Human Resource Development
NO (2020) 0.15 EFTS OL, OC 18 points
The policy and practice of Human Resource Development (HRD). Focuses on theories of individual and organisational learning, HRD in organisations, the social and national context of HRD and opportunities to practice HRD skills.
P MANT 250 and 18 further 200-level points SC Commerce

MANT 340 Indigenous Models of Management and Organisation
S2 0.15 EFTS OL, OC 18 points
Analysis and application of an Indigenous Māori cultural framework as a lens to better understand contemporary organisational issues, such as bi-cultural governance, structure, ethical leadership and organisational behaviours.
P 36 200-level points SC Commerce

MANT 341 Management in Asia-Pacific
NO (2020) 0.15 EFTS OL, OC 18 points
Understanding selected cultures of Asia-Pacific in relation to management practice.
P 36 200-level points SC Commerce

MANT 342 Global Business Strategy
NO (2020) 0.15 EFTS OL, OC 18 points
The strategic aspects of doing business internationally and why firms internationalise.
P (MANT 217 or 251) and 18 further 200-level points SC Commerce

Note: May not be credited together with MANT 360 passed in 2015 or 2016.

MANT 343 Negotiation and Dispute Resolution
S1 0.15 EFTS OL, OC 18 points
Study of the theory and concepts of negotiation and of mediation as an alternative dispute resolution mechanism, and the development of practical negotiation and mediation skills for application in business and management systems.
P 36 200-level points from Commerce Schedule C SC Commerce

Note: Alternatively LAWS 413 may be taken as a prerequisite or corequisite.

MANT 344 Issues in Personnel
NO (2020) 0.15 EFTS OC 18 points
Focuses on the importance of compensation and equal employment opportunities within organisations. Examines the way that employers seek to improve organisation effectiveness by the implementation of appropriate strategies.
P MANT 214 SC Commerce

MANT 345 Strategic Human Resource Management
S2 0.15 EFTS OL, OC 18 points
Explores the policy and practice of strategic human resource management. Specific SHRM strategies are examined in the context of a case study. Adopts a practical approach to the concepts and practice of SHRM.
P MANT 250 and 18 further 200-level points SC Commerce

MANT 346 Employment Relations
S2 0.15 EFTS OL, OC 18 points
Examines how employers, employees and their organisations deal with the issues of collective and individual bargaining, mediation, grievance adjudication, industrial conflict, and an introduction to skills including employment contract negotiation and interpretation.
P MANT 250 and 18 further 200-level points SC Commerce

Note: LAWS 413 may be taken as a prerequisite or corequisite.

MANT 347 Occupational Psychology
S2 0.15 EFTS OL, OC 18 points
Exploration of applied organisational situations connected with how and why workers behave. How to manage and motivate employees through organisational processes such as job design, well-being, selection and performance.
P MANT 250 and 18 further 200-level points SC Commerce

Note: May not be credited together with MANT 360 passed in 2011 or 2012.

MANT 348 Chinese Business Cultures
NO (2020) 0.15 EFTS OL, OC 18 points
Chinese business interests are becoming increasingly dominant in the Asia-Pacific region. This paper places Chinese business practice in the context of Chinese culture, both that of the overseas Chinese and the people of mainland China.
P 54 200-level MANT points or 36 200-level CHIN points SC Commerce

Note: May not be credited together with MANT 359 passed in 1999-2002.

MANT 350 Challenges in Contemporary Management
NO (2020) 0.15 EFTS OL, OC 18 points
Transition from academic understanding to managerial practice merging and enhancing the skills and knowledge acquired in elective courses.
P MANT 250, 251 and 36 300-level MANT points SC Commerce

MANT 358 Special Topic: He Kākano - Indigenous Innovation and Entrepreneurship
NO (2020) 0.15 EFTS OC, DP 18 points
Analysis and application of an Indigenous Māori cultural framework as a lens to better understand innovation and entrepreneurship to consider the process of business creation from ideation through to implementation.
P 54 points at 200-level SC Commerce

Note: May be taken by other approved students who have not fulfilled the normal prerequisite.

MANT 359 Special Topic: Translating Personal Values into Action
NO (2020) 0.15 EFTS OC 18 points
Equips students with the ability to identify numerous ways to voice their values in the workplace and the skills to make what is right happen despite pressure from others within their organisations.
P 36 200-level points SC Commerce

1: first semester; 2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; ND: not offered in 2019; NO (2020): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
MANT 360 Special Topic
NO (2020) 0.15 EFTS OL, OC 18 points
P 36 200-level MANT points
SC Commerce

MANT 361 Special Topic: Managing Teams in Organisations.
SS 0.15 EFTS OL, OC 18 points
An examination of the essential theories and concepts for analysing, understanding and managing teams in organisations that studies the components that comprise teamwork. Highlights key factors that influence team effectiveness, develops skills in diagnosing opportunities and threats that face teams, and enhances teamwork expertise.
P BSNS 105 or (MANT 101 and BSNS 111); and 36 200-level points from Commerce Schedule C
SC Commerce

MANT 370 Management Practicum
NO (2020) 0.15 EFTS OC 18 points
A reflective learning opportunity in the workplace which will integrate academic constructs with management practice.
P 54 200-level MANT points
R TOUR 307
SC Commerce

MANT 414 Research Process
S1 0.1667 EFTS OL, OC 20 points
Topics in research, history, philosophy, theory and practice. Topics emphasised and learning methods vary according to instructor and student interest.
P 72 300-level MANT points

MANT 415 Advanced Research Practice
NO (2020) 0.1667 EFTS OL, OC 20 points
Provides both a theoretical understanding of research methods and the practical aspects of using such methods in student research.
PC MANT 414

MANT 437 Organisations and Sustainability
S1 0.1667 EFTS OL, OC 20 points
Examines how businesses are responding to sustainability and climate change in the current socio-economic context, and encourages students to create alternative scenarios of future business worlds.
P 72 300-level MANT points
R MANT 337

MANT 450 Governance and Social Responsibility
S2 0.1667 EFTS OL, OC 20 points
Evaluate and critique the concept of social responsibility, understand the context of it and how it functions operationally and at the governance level.
P 72 300-level MANT points

MANT 451 Strategic Change and Innovation
S1 0.1667 EFTS OL, OC 20 points
Consideration of seminal and contemporary literature in strategic management, change and innovation across a range of subject areas in order to develop an appreciation for key questions that lie ahead for research and practice.
P 72 300-level MANT points

MANT 452 Negotiation and Conflict Resolution
NO (2020) 0.1667 EFTS OL, OC 20 points
The history, theory and current practice of collective and individual employment relationships, focusing on employee unions, collective bargaining, grievances, and the collective resolution processes of negotiation, mediation, and arbitration.
P 72 300-level MANT points

MANT 453 Human Resource Management
S2 0.1667 EFTS OL, OC 20 points
Strategic evaluation of the role of people within organisations, critique of the motive behind how people act and critical engagement with literature to improve people practices.
P 72 300-level MANT points

MANT 454 Global Management
S1 0.1667 EFTS OL, OC 20 points
The broad and complex challenges of conducting business across national borders, from micro (e.g. management of cross-cultural and geographically-diverse teams) to macro (e.g. development of global strategies).
P 72 300-level MANT points

MANT 455 Leadership Development
NO (2020) 0.1667 EFTS OL, OC 20 points
Leadership literature and strategic evaluation of the importance of leaders for business and society, taking into consideration their responsibilities and decision-making from a variety of perspectives.
P 72 300-level MANT points

MANT 456 Operations Excellence
NO (2020) 0.1667 EFTS OL, OC 20 points
P 72 300-level MANT points

MANT 457 Entrepreneurship
NO (2020) 0.1667 EFTS OL, OC 20 points
Issues facing entrepreneurs such as work-family balance, growth issues and access to finance.
P 72 300-level MANT points

MANT 460 Advanced Global Business Strategy
S2 0.1667 EFTS OL, OC 20 points
Examination of various aspects of how and why firms internationalise.
P 72 300-level MANT points

MANT 461 Employment Relations
S2 0.1667 EFTS OL, OC 20 points
Theory and current practice of collective and individual employment relations including statutory, contractual and common law rights and responsibilities of employers and employees.
P 72 300-level MANT points

MANT 480 Dissertation or Case Study
FY 0.3333 EFTS OL, OC 40 points
A dissertation or case study of approximately 15,000 words.
P 72 300-level MANT points
R MANT 481
LT BC(MH)(Hon), PGpuCom

MANT 501 Applied Project
N1 0.3333 EFTS OL, OC 40 points
An investigation of a business problem (real or simulated), backed by appropriate applied and academic literature.
LT MSuBus

MANT 580 Research Project
N1 0.3333 EFTS OL, OC 40 points
Investigation of a problem at a critical and analytical level, backed by appropriate applied and academic literature.
LT MSuBus

MAIB 701 Theories of Learning
NO 0.125 EFTS OL, DL 15 points
Explores advanced theoretical approaches to learning, development and knowledge creation. Applies learning theories, human resource development theories, theories of Indigenous development, and approaches to organisational learning to a Māori business and development context.
LT PGCertMAIBus, PGdipMAIBus

MAIB 702 The Māori Economy
NO 0.125 EFTS OL, DL 15 points
Examines the size, nature and potential of the New Zealand and Māori economy. Explores the influence of external factors on Māori and Indigenous business and their impact on economic, social and cultural well-being. Applies economic theory and models of business growth to Indigenous and Māori businesses.
LT PGCertMAIBus, PGdipMAIBus

MAIB 703 Critical Analysis and Writing
NO 0.125 EFTS OL, DL 15 points
Develops abilities in intellectual analysis and critique in the context of complex theoretical and business issues. Explores genres and form to develop advanced techniques in writing and critical thinking appropriate for academic contexts.
LT PGCertMAIBus, PGdipMAIBus

MAIB 704 Decision Making in Business
NO 0.125 EFTS OL, DL 15 points
Takes a cross-cultural approach to advanced theory and practice in business-based problem solving and decision making. Provides in-depth analysis at individual, organisational and national levels of granularity. Includes the development of strategies in risk analysis and the assessment of complex business issues that have economic, cultural and ethical dimensions.
LT PGCertMAIBus, PGdipMAIBus

MAIB 711 Māori in Business 1
NO 0.125 EFTS OL, DL 15 points
Examines a range of economic perspectives and theories, with a specific focus on their relevance to the philosophical and cultural values and practices that inform Māori and Indigenous business.
LT PGCertMAIBus, PGdipMAIBus, MAIBus

MAIB 712 Business Communication
NO 0.125 EFTS OL, DL 15 points
Explores theoretical approaches to business communication and the alternative techniques and technologies that can be deployed.
LT PGCertMAIBus, PGdipMAIBus, MAIBus

MAIB 713 Process and Project Management
NO 0.125 EFTS OL, DL 15 points
Examines the essentials of managing both existing processes and new projects. Emphasis is placed on selecting and developing appropriate metrics and on evaluating the core trade-offs between time, quality and cost.
LT PGCertMAIBus, PGdipMAIBus, MAIBus

MAIB 714 People Management
NO 0.125 EFTS OL, DL 15 points
A multifaceted review of staffing, employee development, performance management, reward, diversity management and employee well-being that leads to a critical consideration of how these dimensions of people management can be interpreted and implemented in the context of Māori and Indigenous workplaces.
LT PGCertMAIBus, PGdipMAIBus, MAIBus

MAIB 721 Māori in Business 2
NO 0.125 EFTS OL, DL 15 points
Analyses Māori and Indigenous business, with a specific focus on the contemporary contexts of Māori and Indigenous business, and considers governance and policy contexts.
LT PGdipMAIBus, MAIBus

MAIB 722 Marketing
NO 0.125 EFTS OL, DL 15 points
Provides advanced marketing theory, current debate and practice. Relates and critiques current thinking and its application to Māori and Indigenous businesses.
LT PGdipMAIBus, MAIBus

MAIB 723 Innovation and Entrepreneurs
NO 0.125 EFTS OL, DL 15 points
Develops understanding and practice in innovation and entrepreneurship, with a focus on the application of theories leading to innovation and entrepreneurial activity in Māori and Indigenous business context.
LT PGdipMAIBus, MAIBus

MAIB 724 Finance and Accounting
NO (2020) 0.125 EFTS OL, DL 15 points
The practice and theory of analyses of data that inform the financial decisions that mid-level and senior business people make. Develops skills in critically interpreting financial data, making reasoned decisions and recommending consequential actions.
LT PGdipMAIBus, MAIBus

MAIB 731 Māori Business 3
NO (2020) 0.125 EFTS OL, DL 15 points
Capstone paper involving a sophisticated exposition of theory and a critical analysis of a business problem that inform an independent piece of research, with emphasis on developing theoretically and data-driven recommendations in response to an identified strategic issue.
LT MAIBus

MAIB 732 Career Management
NO 0.125 EFTS OL, DL 15 points
Independent application of specialised knowledge of Indigenous career management theories to students' own careers, to multicultural organisations and to Māori and Indigenous business communities as a whole.
LT MAIBus
Māori Health

MAOH 201 Hauora Māori in Practice: Working with Individuals and Whānau
S1 0.15 EFTS OL, OC 18 points
Culturally competent practice when working with Māori individuals and whānau in health and service settings. Encompasses Te Ao Māori contexts, interpersonal skills, key health issues and inter-professional approaches.

P : HUBS 191, 192, PUBH 192
PC MAOR 102
SC Arts and Music
Note: With permission, 108 points may be substituted for HUBS 191, 192, and PUBH 192.

MAOH 301 Hauora Māori in Practice: Working with Organisations and Communities
S2 0.15 EFTS OL, OC 18 points
Covers working with Māori organisations in health and development. Encompasses organisational responsiveness to Māori, culturally responsive assessment, integrated and quality services meeting Māori needs.

P : MAOH 201
SC Arts and Music

Māori Studies

MAOR 102 Māori Society
ES 0.15 EFTS OL, OC 18 points
An introduction to the theory and practice of Māori culture and society in traditional and contemporary contexts.

SC Arts and Music

MAOR 103 Introduction to Ngāi Tahu
S1 0.15 EFTS OL, OC 18 points
An introduction to Ngāi Tahu society and culture, with emphasis on their distinctiveness and their role as mana whenua in the Otago region.

SC Arts and Music

MAOR 108 Waiata: Te Timatanga
S1 0.15 EFTS OL, OC 18 points
An introductory study of various forms of waiata (Māori performing art) including haka from traditional to contemporary times. A practical component is also included.

SC Arts and Music

MAOR 110 Introduction to Conversational Māori
SS, ES 0.15 EFTS OL, OC 18 points
An introduction to Māori language with emphasis on pronunciation, greetings and forms of language in particular cultural contexts.

R : MAOR 111 or 112 or any other more advanced Māori language paper
SC Arts and Music

Notes for MAOR 111 and 112:
(i) The prerequisite may be waived for students with evidence of an equivalent prior knowledge. (ii) Students will be placed in MAOR language papers appropriate to their knowledge of Māori. A first-year student placed in 200- or 300-level language papers will have to pass MAOR papers worth at least 162 points in order to major in Māori Studies.

MAOR 111 Te Kākano 1
S1 0.15 EFTS OL, OC 18 points
A post-introductory paper in Māori language that is taught mainly in Māori. Some previous knowledge of Māori language is essential. He akuranga he whakapakari i te reo o tinoi kua timuma ki te a koe i te reo Māori. Ko te ngaia o te karaehe e whakawhakoa ana i te reo. Me mataua mihoko te akonga ki te mahi, ki te hanga i whaiwhakatukokaranga hārere.

P : MAOR 110
R : MAOR 112 or 131 or any other more advanced Māori language paper
SC Arts and Music
Note: If you have NCEA Level one Māori papers please enrol directly into MAOR 111 using Special Permission at the Review and Submit stage of paper selection. If you already have NCEA Level two or Level three Māori or the equivalent please enrol directly into MAOR 211.

MAOR 112 Te Kākano 2
S2 0.15 EFTS OL, OC 18 points
Development of the skills taught in MAOR 111. Taught in Māori. He akuranga he whakapakari i te reo nga kua akiona i MAOR 111. Ko te katoa o te karaehe e whakawhakoa ana i te reo Māori.

P : MAOR 111
R : MAOR 131 or 211 or any other more advanced Māori language paper
SC Arts and Music

MAOR 120 Introducing the Māori World
NO 0.15 EFTS OL, OC 18 points
An introduction to the Māori world, including cultural concepts and practices, Treaty of Waitangi, pronunciation, greetings, songs, and forms of language appropriate to work contexts. Includes cultural experience practice.

R : (MAOR 102 and 110) or any other more advanced Māori language paper
SC Arts and Music
Note: Students who have completed both MAOR 102 and 110, or any more advanced Māori language paper, are not eligible to enrol in this paper.

MAOR 202 Māori and Tikanga
S2 0.15 EFTS OL, OC 18 points
An examination of Māori culture in traditional and contemporary contexts.

P : MAOR 102
R : MAOR 222
SC Arts and Music

MAOR 203 Ngāi Tahu Society
S1 0.15 EFTS OL, OC 18 points
An introduction of the knowledge base of traditional Ngāi Tahu society, with emphasis on traditional lifestyles.

P : MAOR 102 or 103
SC Arts and Music

MAOR 204 Te Tiriti o Waitangi
S1 0.15 EFTS OL, OC 18 points
The history and politics of Te Tiriti o Waitangi (The Treaty of Waitangi) in both its historical and contemporary contexts which advance an Indigenous position.

P : MAOR 102 or 36 points
R : MAOR 104
SC Arts and Music

MAOR 206 Ngā Pūkenga Tuhi
S2 0.15 EFTS OL, OC 18 points
The development of the writing skills in te reo Māori over a range of genres. Taught in Māori.

P : MAOR 211
R : MAOR 306
SC Arts and Music

MAOR 207 Ngā Kōrero Nehe - Tribal Histories
S1 0.15 EFTS OL, OC 18 points
Study of Māori tribal history up to first contact with Pākehā; includes are texts in Māori and English. Forms and issues respecting Māori historical knowledge are also taught.

P : MAOR 102 or 36 points
SC Arts and Music

MAOR 208 Ngā Manu Taki
S2 0.15 EFTS OL, OC 18 points
The study of famous Māori composers, the revival of some of their compositions and the execution of these compositions through high-level performance.

P : MAOR 108
SC Arts and Music

MAOR 210 Special Topic
S2 0.15 EFTS OC 18 points
SC Arts and Music

MAOR 211 Te Pihanga 1
S2 0.15 EFTS OL, OC 18 points
Taught in Māori, this is an intermediate language paper for students who have passed MAOR 111. Ko te kaupapa o tītei pēpa he whakahohonaha, he whakahōh mai i te reo o te hunga kua puta ata i MAOR 112. Katau ngā mahi o tītei pēpa kei te reo Māori.

P : MAOR 112 or 131
R : MAOR 212 or 231 or any other more advanced Māori language paper
SC Arts and Music

Notes: This paper is suitable for students who have completed 4.5 years of Māori language study at secondary school, or who have attended a Kura Kaupapa Māori/Wharekura. (i) If you already have NCEA Level three Māori or the equivalent then enrol directly into MAOR 211 using Special Permission at the Review and Submit stage of paper selection.

MAOR 212 Te Pihanga 2
S2 0.15 EFTS OL, OC 18 points
Taught in Māori, this is a continuing intermediate language paper for students who have passed MAOR 211. Ko te kaupapa o tītei pēpa he whakahohonaha, he whakahōh mai i te reo o te hunga kua puta ata i MAOR 212. Katau ngā mahi o tītei pēpa kei te reo Māori.

P : MAOR 211
R : MAOR 231 or 311 or any other more advanced Māori language paper
SC Arts and Music

MAOR 213 Te Mana o Te Reo
S2 0.15 EFTS OL, OC 18 points
The history and development of the Māori language. Along with its cultural context and consequences, various contemporary issues facing the language will be addressed.

P : MAOR 102 or 36 points
SC Arts and Music

MAOR 301 He Whakarākai
S1 0.15 EFTS OL, OC 18 points
An examination of old and contemporary Māori language sources as models of expressing ideas. This paper is taught in Māori.

PC MAOR 311
R MAOR 401
SC Arts and Music

Notes: (i) Students may be admitted to this paper if they have completed the equivalent of MAOR 311 elsewhere. (ii) May not be credited with MAOR 410 as it was offered in 2008 or 2010.

MAOR 303 Ngāi Tahu and the Natural World
NO 0.15 EFTS OC 18 points
An in-depth study of traditional Ngāi Tahu society and culture, with particular emphasis on their interaction with the environment and traditional forms of environmental management.

P : 18 200-level BTNY, ECOL, ENVI, GEOG, MAOR or ZOOL points
SC Arts and Music

Notes: May not be credited together with MAOR 310 passed in 2004.

MAOR 304 Te Rōpū Whakamarana i Te Tiriti - Waitangi Tribunal
NO (2020) 0.15 EFTS OL, OC 18 points
Case studies of Māori interactions with the Waitangi Tribunal at whānau, hapu, and iwi (family, clan, tribe) levels to understand Māori society, economics, and politics.

P : EDUC 251 or SOWK 236 or 18 200-level HIST, LAWS, MAOR or POLS points
SC Arts and Music

Key:
- S1: first semester;
- S2: second semester;
- ES: each semester;
- FY: full year;
- SS: Summer School;
- N1-5: non-standard periods*;
- NO: not offered in 2019;
- ND: not offered, expected to be offered in the year noted;
- OL: Paper supported by online learning management system;
- OC: Paper is available on campus;
- DL: Paper is available by Distance Learning;
- DP: Departmental permission required;
- RP: Recommended preparation;
- RC: Recommended concurrent study;
- LT: Limited to;
- RP: Recommended preparation;
- SC: Schedule C;
- L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers.
MAOR 306 Ngā Pūkenga Tuhi
S2 0.15 EFTS OL, OC 18 points
Advanced writing skills in te reo Māori over a range of genres. Taught in Māori.
P MAOR 311
R MAOR 206
SC Arts and Music

MAOR 307 Te Tōtakihanga o Ngā Ao e Rua
S1 0.15 EFTS OL 18 points
The study of the post-contact Indigenous histories of Aotearoa and other parts of eastern Polynesia.
P 18 200-level HIST, MAOR or PACI points
SC Arts and Music

MAOR 308 Ngā Hākinakinia a Te Māori
NO 0.15 EFTS OL, OC 18 points
Various forms of technologies in Māori Performing Arts including poi and patu, etc. are examined. A practicum component is also included. Taught mainly in Māori.
P MAOR 208
SC Arts and Music

MAOR 310 Special Topic
NO 0.15 EFTS OC 18 points

MAOR 311 Te Māhuri 1
S1 0.15 EFTS OL, OC 18 points
Taught in Māori, this is an advanced language paper for students who have passed MAOR 212. Ko te kaupapa o tēnei pepa he whakahōhonu, he whakawhānui i te reo o te hunga kua puta ata i MAOR 212. Katoa ngā mahi o tēnei pepa kei te reo Māori.
P MAOR 212 or 231
R MAOR 322 or 331 or any other more advanced Māori language paper
SC Arts and Music

MAOR 312 Te Māhuri 2
S2 0.15 EFTS OL, OC 18 points
Taught in Māori, this is a continuing advanced language paper for students who have passed MAOR 311. Ko te kaupapa o tēnei pepa he whakahōhonu, he whakawhānui i te reo o te hunga kua puta ata i MAOR 311. Katoa ngā mahi o tēnei pepa kei te reo Māori.
P MAOR 311
R MAOR 331, 431
SC Arts and Music

MAOR 313 Te Hiringa Taketake
S2 0.15 EFTS OL, OC 18 points
Introduction to Māori pedagogy, with an emphasis on the concepts and social structure that are integral for teaching and learning in Māori contexts.
P 18 200-level EDUC or MAOR points
SC Arts and Music

MAOR 316 Special Topic
NO 0.15 EFTS OL, OC 18 points

MAOR 401 He Whakarākāri (Whakatuleke)
S1 0.1667 EFTS OL, OC 20 points
An in-depth examination of old and contemporary sources as models for expressing ideas. This paper is taught in Māori.
P MAOR 411 or 431
R MAOR 301
Notes: (i) Students may be admitted to this paper if they have completed the equivalent of MAOR 411 or 431 elsewhere. (ii) May not be credited with MAOR 410 completed in 2008 or 2010.

MAOR 404 Toitū te Whenua - Land, Lore and Colonialism
S1 0.1667 EFTS OL, OC, DL 20 points
An examination of Māori attitudes to whenua (land), through tikanga (customary lore), and the influence of contact in the Māori world using Land Court Minute Books.
P 36 300-level ANTH, GEOG, HIST, MAOR, MFCO or POLS points or 30 LAWS points at 300-level or above
R MAOR 404

MAOR 407 Presenting Pacific Histories
S1 0.1667 EFTS OL, OC, DL 20 points
Themes and theories in the representation of Indigenous histories of Aotearoa and other Islands of the Pacific.
P 36 300-level HIST, MAOR or PACI points
R MAOR 407

MAOR 410 Special Topic
NO 0.1667 EFTS OC 20 points

MAOR 413 Te Tātari i Te Kaupapa - Māori and Indigenous Education
S2 0.1667 EFTS OL, OC, DL 20 points
A critical analysis of the inter-relationships between language, knowledge, culture and power in education in the struggle of indigenous peoples for self-determination, with a focus on empowering communities.
P Two 300-level MAOR, PACI, INDV or EDUC papers
LT BA(Hons), PGDipArts, Minors
Note: May not be credited together with MAOR 410 passed in 2015.

MAOR 414 He Pūkōrero - Theory and Research Methodologies
NO 0.1667 EFTS OL, OC 20 points
Introduces theoretical and research methodologies by Māori, Pacific, Indigenous and Western intellectuals. Includes applied practicums introducing students to culturally appropriate research within Indigenous communities.
R MAOR 314
LT BA(Hons), PGDipArts

MAOR 417 Special Topic
NO 0.1667 EFTS OL, OC 20 points
An examination of Māori tribal heritage as represented by taonga held within museum and national space.
P MAOR 322 or 331

MAOR 427 He Tuhituhianga
S2 0.1667 EFTS OL, OC 20 points
Taught in Māori, this paper examines Māori language texts to gain insight into Māori social, political and economic history. He ataa tātari i e tūhitianga reo Māori mai rā anā ki nānā i e pā anā ki te hītori ā-hāpori, ā-tōrangapū, ā-ahunga hoki o ngā Māorí.
P MAOR 311 or MAOR 331

MAOR 431 Te Köhure
NO 0.1667 EFTS OL, OC 20 points
A dissertation of between 15,000 and 20,000 words on an approved topic.

MAOR 450 He Raukura
FY 0.5 EFTS OC 60 points
A supervised project involving original research and leading to the production of a dissertation.
N1, N2 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic, written in Māori or English.
LT MA

Marine Science

MARI 112 Global Marine Systems
S2 0.15 EFTS OL, OC 18 points
An introduction to physical, chemical and biological processes and their co-dependencies in the global ocean system.
SC Science

MARI 202 Marine Invertebrate Ecology and Biology
S2 0.15 EFTS OL, OC 18 points
Study of the biology, ecology and behaviour of marine invertebrates, with particular emphasis on New Zealand marine species and communities.
P BIOL 112
SC Science

MARI 301 Marine Ecology
S1 0.15 EFTS OL, OC 18 points
Ecology of organisms living in intertidal, subtidal, and pelagic marine environments.
P ECOL 111 and 36 200-level points from Science Schedule C
RP CHEM 191, 205, STAT 110, ZOOL 221
SC Science

MARI 302 Biology and Behaviour of Marine Vertebrates
S1 0.15 EFTS OL, OC 18 points
Study of the biology, ecology and behaviour of marine vertebrates (fish, marine reptiles, seabirds and marine mammals), focusing on New Zealand species.
P ZOOL 221
SC Science

MARI 401 Advanced Methods in Marine Science
S1, FY 0.1667 EFTS OL, OC, DP 20 points
Advanced methods and techniques in field marine science, laboratory and analytical techniques, scientific research project planning, scientific writing and presentation of findings.
R MAIR 419

MARI 402 Advanced Applied Field Methods in Marine Environmental Science
N1 0.1667 EFTS OL, OC, DP 20 points
Applied methods and techniques in field marine environmental science, including pollution, marine environmental use, invasive species, marine conservation, indigenous use and jurisdiction. Taught as two field-based applied projects.
Note: Enrolment subject to approval from the Head of Department. This paper may be limited to students taking the paper as part of the PGDipAppSc or MAppSc in Marine Environmental Science.

MARI 403 Critical Thinking for Environmental Scientists
N1 0.1667 EFTS OL, OC, DP 20 points
Evaluation and presentation of environmental information to ensure robust and effective decision making in the environmental sector, including quality and integrity of scientific data, integration of data with political and cultural approaches, objectivism versus advocacy, and convincing presentation of complex findings.
Note: Open to any fourth-year student undertaking an environmentally related qualification. Enrolment subject to approval from the Head of Department.

MARI 429 Coastal Marine Environment
S1 0.1667 EFTS OL, OC 20 points
An integrated approach to studying oceanography, water chemistry and productivity in the coastal marine environment. Includes project planning, data gathering and analysis.
Note: Admission subject to approval from Head of Department.

MARI 431 Antarctic and Southern Ocean Science
S1 0.1667 EFTS OL, OC 20 points
Antarctic and Southern Ocean marine ecosystems and biological adaptations to these challenging environments. Responses (via adaptation) of high-latitude marine species to past and future climate change.
Note: Admission subject to approval from Head of Department.

MARI 450 Special Topic
NO 0.1667 EFTS OL, OC 20 points
From time to time, staff may offer one-off specialised topics. Contact the department for details.
LT BAppSc(Hons), PGDipAppSc, PGDipSc, MSc

MARI 451 Advanced Topics in Marine Science
S1 0.1667 EFTS OL, OC 20 points
A current literature-based course that develops critical thinking, experimental design and best practice in publishing research.
Note: Admission subject to approval from Head of Department.

MARI 480 Independent Project
FY 0.1667 EFTS OC 20 points
A supervised project involving research and leading to the production of a research report.
R MAIR 481
LT PGDipSci

MARI 490 Dissertation
FY 0.3333 EFTS OL, OC 40 points
A supervised project involving original research and leading to the production of a dissertation.
LT BAppSc(Hons), PGDipSci

MARI 495 Master's Thesis Preparation
N1 0.3333 EFTS OL, OC 40 points
LT MSc
Marketing Management

MART 112 Marketing Management
ES 0.15 EFTS OL, OC 18 points
An introduction to the marketing environment, customer types, buyer behaviour, market segmentation and product, pricing, distribution and promotion issues in the context of domestic and international product and service markets.
R MART 205, FOSC 112
SC Commerce
Note: This paper replaces the required paper BSNs 103 for students who commenced BCom programmes before 2017.

MART 201 Integrated Marketing Communications
S2 0.15 EFTS OL, OC 18 points
The use of marketing communication tools such as advertising, promotion, publicity, public relations and sales management. The development of media plans and presentation skills will be stressed.

P MART 112
SC Commerce

MART 205 Marketing the Professional Practice
SS, S2 0.15 EFTS OL, OC 18 points
Advertising the professional practice; packaging of professional services; measuring and improving client satisfaction; the professional-client relationship; adding value to professional services; building reputation and image; fee setting; ethical issues.
P 108 points
R MART 112, MARK 205, FOSC 112
SC Commerce

MART 207 Sports Marketing
S1 0.15 EFTS OL, OC 18 points
An introduction to the theory and practice of sports marketing, with particular emphasis on the New Zealand situation.
P 108 points
SC Commerce

MART 210 Consumer Behaviour
S1 0.15 EFTS OL, OC 18 points
An in-depth examination of consumer behaviour, including psychological, sociological, and individual characteristics influencing consumer behaviour and the relationship between consumer, businesses and global consumption.

P MART 112
SC Commerce

MART 211 Products to Market
S2 0.15 EFTS OL, OC 18 points
Provides an in-depth understanding of the issues and considerations in the management and pricing of products, illustrates the role of pricing and product management in achieving strategic business goals, demonstrates the link between pricing and product management within the context of marketing channels.

P MART 112
R MART 202, 203
SC Commerce

MART 212 Understanding Markets
S1 0.15 EFTS OL, OC 18 points
An introduction to marketing research and data analysis and their role in solving problems encountered by businesses. The emphasis is placed on commissioning, assessing and interpreting quantitative and qualitative marketing research during a professional career.

P (BSNS 102 or 112) and MART 112
R MART 307
SC Commerce

MART 301 Strategic Marketing Management
S2 0.15 EFTS OL, OC 18 points
Elements of marketing strategy are considered to establish a framework that incorporates marketing within the overall corporate planning process. Processes such as competitor analysis, market segmentation, and positioning are examined.

P (BSNS 102 or 112 or QUAN 101) and MART 212 and two of MART 201, 210, 211
SC Commerce

MART 304 Sales and Sales Management
S1 0.15 EFTS OL, OC 18 points
An introduction to the theory and practice of selling and sales management, integrating these concepts into the ‘best practice’ of modern business.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 305 Societal Issues in Marketing
S1 0.15 EFTS OL, OC 18 points
The relationships between marketing, public policy, and social and environmental values are examined with reference to legal issues.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 306 Innovation and New Product Development
S1 0.15 EFTS OL, OC 18 points
The theory and practice of market-led innovation and new product development from idea generation through to the product launch and post-launch.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 308 Integrated Digital Marketing
S1 0.15 EFTS OL, OC 18 points
An introduction to the practice of integrated digital marketing, including both digital marketing skills and business philosophy, and also a sociological view, including ethical considerations.

P 54 200-level points
SC Commerce
Note: May not be credited together with MART 330 passed in 2017, 2018 or 2019.

MART 325 Services Marketing
S1 0.15 EFTS OL, OC 18 points
Services marketing and service management between firms and their customers. This paper is vital to any understanding of contemporary marketing, including relationship marketing and the co-creation of value.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 326 International and Export Marketing
S2 0.15 EFTS OL, OC 18 points
The analysis and application of marketing principles in an international context.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 328 Business to Business Marketing
S1 0.15 EFTS OL, OC 18 points
The creation and management of relationships between companies working in extended networks. A state-of-the-art view of business marketing theory and practice.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 329 Consumer Behaviour
S1 0.15 EFTS OL, OC 18 points
Develops an in-depth study of a number of concepts in consumer behaviour such as nature of consumer culture, reference groups, consumer information and decision processes and consumer decision making.

P Two of (MART 201, 202, 203) or two of (MART 201, 210, 211, 212)
SC Commerce

MART 330 Special Topic: Integrated Digital Marketing
S2 0.15 EFTS OL, OC 18 points
An introduction to the practice of integrated digital marketing, including both digital marketing skills and business philosophy, and also a sociological view, including ethical considerations.

P 54 200-level points
SC Commerce

MART 333 Creative Marketing Communication
S2 0.15 EFTS OL, OC 18 points
Creativity and criticality in business communication; future-oriented themes in aesthetics and effectiveness in multi-media contexts and the design of digital and physical experience spaces.

P 54 200-level points
SC Commerce

MART 355 Business Project
NO 0.3 EFTS OL, OC 36 points
A practical marketing project.

P (MART 201, 202, 203 and 307 with an average of grade B across all papers) or (MART 212, and two of MART 201, 210, 211 with an average of grade B across all papers)
SC Commerce

MART 407 Topics in Advanced Marketing
N1 0.1667 EFTS OL, OC 20 points
Any two modules from a selection of modules offered (each worth 10 points), subject to availability.

Note: The short course is available only to international students enrolled under exchange agreements.

MART 409 Topics in Advanced Marketing
N1 0.25 EFTS OL, OC 30 points
Three approved modules from a selection of modules offered (each worth 10 points), subject to availability.

Note: Available only to international students enrolled under exchange agreements.

MART 411 Topics in Advanced Marketing
N1 0.3333 EFTS OL, OC 40 points
A combination of approved modules from a selection of modules offered (each worth 10 or 20 points), subject to availability.

Note: Available only to international students enrolled under exchange agreements.

MART 448 Advanced Business Analytics
S2 0.1667 EFTS OL, OC, DP 20 points
Application of advanced analytics in a business context using SAS. Topics include: data marts, data access and integration, predictive modelling, design of experiments, segmentation, forecasting.

P BSNS 102 or STAT 110

Note for MART 460-470: Normally available only to postgraduate and/or DipGrad students.

MART 460 Research Methods
S1 0.1667 EFTS OL, OC 20 points
Qualitative and quantitative research methods are critiqued with regard to their application in solving marketing problems.

MART 461 Marketing Theory
S1 0.1667 EFTS OL, OC 20 points
The theoretical foundations of marketing as an academic discipline, its role in organisations, as well as its broader social and economic functions.

MART 462 Advanced Marketing Analysis
S1 0.1667 EFTS OL, OC 20 points
The applications of quantitative and qualitative research methods to marketing problems, the advancement of marketing theory and the development of applied skills in research design and analysis.

MART 463 Food Marketing
S1 0.1667 EFTS OL, OC 20 points
Factors affecting food marketing in New Zealand and internationally, and their influence on the development of the food industry including product development and marketing research for effective food marketing.

MART 464 Consumer Behaviour
S2 0.1667 EFTS OL, OC 20 points
Recent developments and issues in consumer behaviour and consumer research.

Key:
1: first semester; 2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; ND: not offered in 2019; NO (2000): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LP: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
MART 465 Retailing
NO 0.1667 EFTS OL, OC 20 points
An introduction to retailing that encourages students to think laterally and critically about retailing and creates an environment where students can explore related topics in which they are interested.

MART 466 Digital Marketing
S1 0.1667 EFTS OL, OC 20 points
An introduction to the application of digital technology in marketing. Provides students with a deeper understanding of digital marketing theories and online tools available to marketers. Technical background is not required.

MART 467 Tourism Marketing
S2 0.1667 EFTS OL, OC 20 points
The application of consumer behaviour and marketing theory to practical issues in providing tourism's core product: experiences. Includes an applied research opportunity with local businesses.

MART 468 Branding
S2 0.1667 EFTS OL, OC 20 points
Development of skills to analyse and manage brands effectively, based on current theoretical understanding in the academic branding literature and its application to contemporary cases.

MART 469 Advertising Planning and Concept Development
S2 0.1667 EFTS OL, OC 20 points
The history, current practice and possible futures of the planning function in advertising and the development and execution of creative concepts.

MART 470 Special Topic in Marketing
ES 0.1667 EFTS OL, OC 20 points

MART 480 Dissertation or Case Study
FY 0.3333 EFTS OL, OC, DP 40 points
A dissertation or case study of not more than 6,000 words.

MART 481 Special Project in Marketing
NO 0.3333 EFTS OL, DP 40 points
Consists of a special project in marketing (30 points) and a research methods module (10 points).

MART 501 Applied Project
N1 0.3333 EFTS OL, OC 40 points
An investigation of a business problem (real or simulated), backed by appropriate applied and academic literature.

MART 580 Research Project
N1 0.3333 EFTS OL, OC 40 points
Investigation of a problem at a critical and analytical level, backed by appropriate applied and academic literature.

Materials Science and Technology

MATS 204 Treasure or Trash: Sustainability of Materials
SS 0.15 EFTS OL, OC, DL 18 points
Broad and complex challenges associated with sustainability of materials. Aspects of product lifecycle related to material selection and use (processing, production, design, end-of-life).

MATH 151 General Mathematics
SS, S1 0.15 EFTS OL, OC 18 points
Topics such as basic mathematical models, operations research, introductory calculus, compound interest, exponential growth and decay, simple integration as well as exponential, logarithmic and trigonometric functions.

MATH 160 Mathematics 1
SS, ES 0.15 EFTS OL, OC 18 points
This paper is divided between algebra and calculus (which can be taken as separate 9 point papers). The algebra component introduces vectors and geometric constructions fundamental to applications in mechanics and computer graphics. Matrices, polynomials, and complex numbers are introduced. The calculus component covers ideas and methods of differential and integral calculus together with key applications and extensions.

MATH 170 Mathematics 2
ES 0.15 EFTS OL, OC 18 points
This paper is divided between algebra and calculus components. The algebra component covers vectors, matrices, linear transformations, eigenvalues and introduces aspects of discrete mathematics. The calculus component covers sequences and series, inverse trigonometric and hyperbolic functions, advanced integration techniques, differential equations and their applications.

MATH 201 Real Analysis
S2 0.15 EFTS OL, OC 18 points
This paper is an introduction to the basic techniques of real analysis in the familiar context of single-variable calculus.

MATH 202 Linear Algebra
S2 0.15 EFTS OL, OC 18 points
This paper is an introduction to the fundamental ideas and techniques of linear algebra and the application of these ideas to computer science and the sciences.

MATH 203 Calculus of Several Variables
S1 0.15 EFTS OL, OC 18 points
This paper is an introduction to the mathematics of curves, surfaces and volumes in three-dimensional space, and extends the notions of differentiation and integration to higher dimensions.

MATH 272 Discrete Mathematics
NO 0.15 EFTS OL, OC 18 points
Graph theory and algorithms; combinatorial counting techniques; sets, relations, modular arithmetic and applications to cryptography. There will be an emphasis on both proof techniques and practical algorithms.

MATH 301 Hilbert Spaces
S1 0.15 EFTS OL, OC 18 points
An introduction to Hilbert spaces and linear operators on Hilbert spaces, grounded in applications to Fourier analysis, spectral theory and operator theory.

MATH 302 Complex Analysis
S2 0.15 EFTS OL, OC 18 points
Develops the differential and integral calculus of functions of a complex variable, and its applications.

MATH 304 Partial Differential Equations
S2 0.15 EFTS OL, OC 18 points
Introduction to the theory of partial differential equations by discussing the main examples (Laplace equation, heat equation, wave equation and transport equations) and their applications.

MATH 306 Geometry of Curves and Surfaces
S2 0.15 EFTS OL, OC 18 points
An introduction to differential geometry with a focus on the structure of two-dimensional surfaces.

MATH 342 Modern Algebra
S1 0.15 EFTS OL, OC 18 points
Introduces the modern algebraic concepts of a group and a ring. These concepts occur throughout modern mathematics and this paper looks at its properties and some applications.

MATH 374 Mathematical Physics
S2 0.15 EFTS OL, OC 18 points

MATH 401-412 Topics in Advanced Mathematics
S1, S2 0.1667 EFTS OL, OC 20 points each

MATH 490 Dissertation
FY 0.3333 EFTS OL, OC 40 points
A supervised project involving original research and leading to the production of a dissertation.

MATH 495 Master's Thesis Preparation
FY 0.3333 EFTS OL, OC 40 points

MATH 496 Dissertation
R 0.1667 EFTS OL, OC 20 points each

Media, Film and Communication

MFCO 101 Screen Form and Culture
S1 0.15 EFTS OL, OC 18 points
An introduction to the basic analytical and critical skills as they apply to the study of moving images, specifically film. Issues of form, style and genre are addressed.

MFCO 102 Understanding Contemporary Media
S2 0.15 EFTS OL, OC 18 points
An introduction to both the historical framework of media studies and the emergent contemporary discourses that define the discipline. Students will confront a series of issues (politics, aesthetics, and ideology) related to the topical concerns of media and communication theory.

MFCO 103 Introduction to Communication Studies
S1 0.15 EFTS OL, OC 18 points
An introduction to communication theories, media and genres.

MFCO 104 Introduction to Communication Studies
S1 0.15 EFTS OL, OC 18 points
An introduction to communication theories, media and genres.

MFCO 105 Introduction to Communication Studies
S1 0.15 EFTS OL, OC 18 points
An introduction to communication theories, media and genres.
MFCD 201 The History of Film and Media
S1 0.15 EFTS OL, OC 18 points
An historical survey of the major developments in film history.
P 18 MFCD or FIME points
R MFME 201
SC Arts and Music

MFCD 202 Theory of Communication Studies
S2 0.15 EFTS OL, OC 18 points
Communication theory as it applies to cultural, media, and technological contexts and processes.
P 18 MFCD or COMS points
R COMS 201
SC Arts and Music

MFCD 203 Media History
NO 0.15 EFTS OL, OC 18 points
A survey of the major developments in media history. Explores the complex interaction among media institutions, technological developments, cultural identity, and social context.
P 18 MFCD or COMS points
SC Arts and Music

Note: May not be credited together with COMS 206 passed in 2006-2008.

MFCD 205 Communication Research Methods
NO 0.15 EFTS OL, OC 18 points
Introduction to communication research and methods used to conduct research on communication.
P 18 MFCD or COMS points
SC Arts and Music

MFCD 210 Theory of Film and Media
S1 0.15 EFTS OL, OC 18 points
Key theories that inform film and media studies and the discourses that have defined the disciplines.
P 18 100-level MFCD points
SC Arts and Music

MFCD 212 Media and Intercultural Communication
S1 0.15 EFTS OL, OC 18 points
A critical and theoretical study of contemporary issues related to inter-group relations and community, indigenous rights and global media, pornography and violence, gender and race.
P 18 MFCD or FIME points
R MFME 202
SC Arts and Music

MFCD 213 Media Genres
NO 0.15 EFTS OL, OC 18 points
A detailed study of a particular media genre, or genres, such as film noir, science fiction, horror, the musical.
P 18 MFCD or FIME points
R MFME 202
SC Arts and Music

Note: Students may be admitted with approval from the Head of Department.

MFCD 216 New Zealand Cinema
S1 0.15 EFTS OL, OC 18 points
A study of New Zealand film with emphasis placed upon historical and theoretical approaches.
P 18 MFCD, ENGL or FIME points
R MFME 202
SC Arts and Music

MFCD 217 Television Studies
NO 0.15 EFTS OL, OC 18 points
Surveys the large and growing field of scholarly television studies. Discusses a broad range of theoretical and critical issues related to TV studies. Discusses a broad range of theoretical and critical issues related to TV studies.
P 18 MFCD or FIME points
R MFME 207
SC Arts and Music

MFCD 220 Writing for the Media
S1 0.15 EFTS OL, OC 18 points
Provides students with writing skills across a range of media, with an emphasis on cross-platform, non-fiction writing. The conventions and creative roles involved in producing media texts are interrogated.
P 18 MFCD or FIME points
R MFME 201
SC Arts and Music

Note: May not be credited together with MFCD 230 Special Topic: Writing for the Media passed in 2012, 2013, or 2014.

MFCD 222 Science, Technology, and Society
S2 0.15 EFTS OL, OC 18 points
An exploration of the interdisciplinary field of science, technology, and society (STS), examining the complex interaction of science, technology, medicine and society.
P 36 points
SC Arts and Music, Science

MFCD 223 Documentary and Reality Media
S1 0.15 EFTS OL, OC 18 points
The politics and aesthetics of representing reality through documentary, reality television and social media.
P 54 points
SC Arts and Music, Science

MFCD 224 Studying Selfies: Celebrity, Surveillance and Cyberspace
S1 0.15 EFTS OL, OC 18 points
The ‘selfie’ as a site of critical study, looking at selfies as cultural objects, and how researchers understand the selfie as a space for/act of communication.
P 18 points
SC Arts and Music

Note: May not be credited together with MFCD 242 passed in 2017 or 2018.

MFCD 242 Special Topic
NO 0.15 EFTS OL, OC 18 points
P 18 points
SC Arts and Music

Note: Due to restrictions on the facility, numbers for this paper may be capped. Please contact the department (mfco@otago.ac.nz) if you have any questions.

MFCD 301 Critical Problems in Film and Media
S1 0.15 EFTS OL, OC 18 points
A survey of the major critical and theoretical approaches to film and media to include the impact on contemporary digital media convergence and transmedia productions.
P 18 200-level MFCD or FIME points or GEND 205 or GEND 305
R FIME 301
SC Arts and Music

MFCD 303 Critical Problems in Communication Studies
S1 0.15 EFTS OL, OC 18 points
News media routine processes, mythologies, structural constraints, access and equity; discourses and social contexts of news production.
P 18 200-level MFCD or COMS points or GEND 205 or GEND 305
R COMS 301
SC Arts and Music

MFCD 312 Communication and the City
S2 0.15 EFTS OL, OC 18 points
The consequences of evolving communication and media technologies for cities, how they are represented, and for urban economies and everyday life.
P 18 200-level MFCD or COMS points
SC Arts and Music

Note: May not be credited together with COMS 305 passed in 2006-2008.

MFCD 313 Culture, Politics, Policy and Global Media
S2 0.15 EFTS OL, OC 18 points
Bringing together issues of theory and praxis, this paper considers the impact of global media on politics, culture and everyday life as well as the organisation of global media, industrial and cultural practices in the information age. What is a media event? Who is in control of the media? How do the media shape culture and politics?
P 18 200-level MFCD or FIME points
R FIME 303
SC Arts and Music

MFCD 314 French Cinema
S2 0.15 EFTS OL, OC 18 points
Selected topics in French cinema since 1945.
P 18 200-level MFCD or FIME points
R FIME 304
SC Arts and Music

MFCD 315 Digital Media and Society
NO 0.15 EFTS OL, OC 18 points
Critical debates on digital media; exploring the history of the internet as a social and political space; the development of contemporary capitalism, and as a rapidly evolving technology.
P 18 200-level MFCD or FIME points
SC Arts and Music

Note: May not be credited together with FIME 305 passed in 2006 or 2007.

MFCD 316 German Cinema
S2 0.15 EFTS OL, OC 18 points
An advanced study of the development of German cinema from the silent era to the present which centres on issues arising from German responses to the onset of modernity, the demands of the fascist period, the renegotiation of personal, social and national identity after 1945 and the experience of postmodern culture.
P 18 200-level MFCD or FIME points or one of GBL 201, 202, 301, 302, GERM 202, 203, 242, 243, 244
R FIME 307
SC Arts and Music

MFCD 317 Digital Culture
S2 0.15 EFTS OL, OC 18 points
The development of new modes of communication, representation and social practices in the digital context. The paper approaches digital culture from historical, social, theoretical and aesthetic perspectives.
P 18 200-level MFCD or FIME points
R FIME 308
SC Arts and Music

MFCD 318 Indigenous Media
NO 0.15 EFTS OL, OC 18 points
The media's role in colonisation, the representation and stereotyping of minorities, specifically indigenous minorities; and discussion of native/indigenous peoples' portrayals of themselves.
P 18 200-level MFCD or FIME points
SC Arts and Music

Note: May not be credited together with FIME 330 passed in 2007 or 2008.

MFCD 319 Contemporary American Cinema
S1 0.15 EFTS OL, OC 18 points
An examination of a topic or topics pertaining to contemporary American cinema - such as the romantic comedy, the science fiction film, documentary genre, new technologies in American cinema, global Hollywood.
P 18 200-level MFCD or FIME points
R FIME 311
SC Arts and Music

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

MFCD 330 Special Topic: Film Festivals
S2 0.15 EFTS OL, OC 18 points
Provides an historic, experiential introduction to the world of film festivals, including judging and curating opportunities, plus behind-the-scenes tours and attendance at the New Zealand International Film Festival.
P 18 200-level MFCD or FIME paper
SC Arts and Music
Medical Imaging

MEIM 401  Radiodiagnosis of Body Imaging
S1  0.25 EFTS  OL, DL  30 points
Provides advanced knowledge to enable image evaluation of the abdomen, the cardiovascular and respiratory systems across multiple imaging modalities with a systematic, critical approach. Also includes professional matters and Hauora Moari.
PT  PCertIMI, PGDpMI
L  Christchurch
Notes: (i) Candidates must pass the paper before taking MEIM 402 or 403. (ii) Includes two compulsory five-day on-campus block courses in Christchurch.

MEIM 402  Radiodiagnosis of Reproductive and Pregnancy Imaging
S2  0.125 EFTS  OL, DL  15 points
Provides advanced knowledge to enable image evaluation of the obstetric and gynecological systems, the breast, and embryology of the foetus with a systematic, critical approach.
PT  MEIM 401
LT  PCertIMI, PGDpMI
L  Christchurch

MEIM 403  Radiodiagnosis of Head, Neck and Musculoskeletal System
NO  0.125 EFTS  OL, DL  15 points
Provides advanced knowledge to enable image evaluation of the head and neck and musculoskeletal system across multiple modalities with systematic, critical approach.
PT  MEIM 401
LT  PCertIMI, PGDpMI
L  Christchurch

MEIM 410  Imaging Technology _ Ultrasound
S2  0.125 EFTS  OL, DL  15 points
Ultrasound technology, including production and sensors, Doppler principles and artifacts, sampling theory, signal processing, image display, 3D and 4D, and evolving techniques.
PT  PCertIMI, PGDpMI
L  Christchurch

MEIM 411  Imaging Technology - Computed Tomography (CT)
NO  0.125 EFTS  OL, DL  15 points
CT technology and application to practice including detectors, Fourier reconstruction, algebraic reconstruction and iterative methods, safety and dose reduction, contrast agents, post-processing, and image display. Evolving techniques are also addressed.
PT  PCertIMI, PGDpMI
L  Christchurch

MEIM 412  Imaging Technology - Magnetic Resonance Imaging (MRI)
NO  0.125 EFTS  OL, DL  15 points
MRI technology and application to practice including hardware, pulse sequences, Fourier transforms, functional and parallel imaging, diffusion, contrast media, and spectroscopy. Image quality and image optimisation are also addressed.
PT  PCertIMI, PGDpMI

Medical Laboratory Science

MELS 208  Introduction to Diagnostic Pathology
FY  0.3565 EFTS  OL, OC  45 points
An introduction to diagnostic pathology, which examines professional, cultural and ethical issues and includes modules on microbiology and immunology, clinical biochemistry, haematology, clinical genetics, histology, molecular diagnostics and clinical genetics.
PT  MELS 207, 221
L  BMLSc

MELS 223  Infection and Immunity (for BMLSc)
S2  0.1425 EFTS  OL, DL  18 points
The epidemiology and pathogenesis of infectious diseases, the response of the immune system to microbial antigens, and how the response is measured.
PT  MICR 223
L  BMLSc

MELS 230  Biochemistry (for BMLSc)
S1  0.1425 EFTS  OL, OC  18 points
PT  (BIOC 221, 222 and 223) or BIOC 230
L  BMLSc

MELS 241  Human Biology: Cells to Systems (for BMLSc)
S1  0.1425 EFTS  OL, OC  18 points
The structural and functional organisation of the human body at cellular, tissue, system and regional levels.
PT  ANAT 241
L  BMLSc

MELS 251  Physiology (for BMLSc)
S2  0.25 EFTS  OL, OC  30 points
A study of systematic, chemical pathology, including the major organ systems, their diseases and biochemical abnormalities, metabolic diseases, and the molecular basis of inherited diseases including basic analytical techniques, instrumentation and data processing.
PT  L  BMLSc

MELS 301  Diagnostic Chemical Pathology
S2  0.25 EFTS  OL, OC  30 points
Provides basic knowledge in haematology and immunohematology and comprises the study of the cellular components of blood, their functions, the haemostatic processes and outlines disease processes affecting them.
PT  L  BMLSc

MELS 304  Principles of Pathology
S1  0.125 EFTS  OL, OC  15 points
The scientific study of disease processes that result in morphological and functional changes in cells, tissues and organs, and introduces an introduction to anatomic pathology and pathophysiology. The basic processes of degeneration, cell death, inflammation, immunological reactions, tissue repair and disorder of growth including neoplasia.
PT  L  BMLSc

MELS 305  Elements of Histotechnology
S1  0.125 EFTS  OL, OC  15 points
An introduction to the theory and practice of histotechnology, cytology and diagnostic electron microscopy.
PT  L  BMLSc

MELS 306  Medical Microbiology
S1  0.25 EFTS  OL, OC  30 points
Infectious diseases of humans and their causative agents; the molecular basis of microbial infection; the prevention, laboratory diagnosis and treatment of infection.
PT  L  BMLSc

MELS 401  Advanced Diagnostic Chemical Pathology
ES  0.5 EFTS  OL, DL  60 points
The advanced study of chemical pathology and clinical chemistry, including the major organ systems, their diseases and biochemical abnormalities, metabolic diseases, and the molecular basis of inherited diseases including basic analytical techniques, instrumentation and data processing.
PT  R  MELS 401
L  BMLSc

MELS 402  Clinical Microbiology
ES  0.5 EFTS  OL, DL  60 points
A full-time course undertaken in an approved medical microbiology laboratory over a period of one semester.
PT  R  MELS 402
L  BMLSc

MELS 403  Clinical Virology
ES  0.5 EFTS  OL, DL  60 points
A full-time course undertaken in an approved medical virology laboratory over a period of one semester.
PT  R  MELS 403
L  BMLSc
MELS 404 Diagnostic Molecular Pathology
ES 0.5 EFTS OL DL 60 points
The study of human chromosomes, their abnormalities and relations to diseases, and the pre- and post-natal diagnosis of genetic disorders.
R MELX 404 LT BMSc.

MELS 405 Cytopathology
ES 0.5 EFTS OL DL 60 points
Includes the theory of cytopathology supported by relevant practical aspects as a comprehensive basis to diagnostic cytopathology. Routine procedures including collection, fixation, processing and staining of cytological specimens.
R MELX 405 LT BMSc.

MELS 406 Haematology
ES 0.5 EFTS OL DL 60 points
Builds on the basic knowledge acquired in year three. In addition to in-depth study of the cellular components of blood, the haemostatic mechanisms and their associated disease processes, an understanding of genetically determined blood disorders will be acquired.
R MELX 406 LT BMSc.

MELS 407 Histopathology
ES 0.5 EFTS OL DL 60 points
Provides in-depth coverage of histopathology including the theory and practice of the routine procedures of tissue fixation and processing, microtomy and staining, as well as the more sophisticated techniques of histochemistry and autoradiography.
R MELX 407 LT BMSc.

MELS 408 Transfusion Science
ES 0.5 EFTS OL DL 60 points
Builds on the basic knowledge acquired in year three. An in-depth study of the blood group serology for the major blood group systems, infectious disease testing, production of blood components, and quality control. Selected topics in clinical transfusion practice, immunologically-related disorders and tissue typing are included.
R MELX 408 LT BMSc.

MELS 409 Clinical Immunology
ES 0.5 EFTS OL DL 60 points
A full-time course undertaken in an approved medical immunology laboratory over a period of one semester.
R MELX 409 LT BMSc.

MELS 510 Advanced Medical Laboratory Science Practice
FY 0.375 EFTS OL OC DP 45 points
Course work in a Medical Laboratory Science discipline at an advanced level with an emphasis on current areas of research and emerging diagnostic techniques and their application in managing disease.
LT PGDipMedTech L Dunedin, Wellington, Christchurch

MELS 580 Research Project
ES FY 0.375 EFTS OL OC 45 points
A supervised research project up to 15,000 words involving the development, implementation and reporting of an original topic in the student's area of professional interest.
P One of MELS 501, 502, 503, 504, 505, 506, 507, 508, 510
LT PGDipMedTech L Dunedin, Wellington, Christchurch
Note: MELS 510 and 580 are taught at the Dunedin School of Medicine and the Christchurch and Wellington Schools of Medicine and Health Sciences. However, not all 500-level MELS papers may be available at all three Schools of Medicine in any given year. Contact the Medical Laboratory Science Programme Director for further details.

Medical Technology

MTEC 701 Biomedical Science for Medical Technicians
FY 0.25 EFTS OL DL 30 points
Cardiovascular physiology and pathophysiology, respiratory physiology and pathophysiology, the physiology of sleep, and respiratory and cardiovascular pharmacology.
R MTEC 701 LT PGCertMedTech, PGDipMedTech L Wellington

MTEC 702 Physiological Monitoring for Medical Technicians
FY 0.25 EFTS OL DL 30 points
The principles of physiological monitoring of cardiovascular, respiratory and neurological status, imaging, and the interpretation of physiological data.
R MTEC 702 LT PGCertMedTech, PGDipMedTech L Wellington

MTEC 703 Cardiovascular Science for Medical Technicians
FY 0.25 EFTS OL DL 30 points
The physiology of the cardiovascular system and changes in cardiovascular function in abnormal physiological and pathological conditions.
P MTEC 701 or MTEC 702
R MTEC 703 LT PGDipMedTech L Wellington

MTEC 704 Cardiovascular Technology
FY 0.25 EFTS OL DL 30 points
An understanding of the principles underlying the measurement of cardiovascular function, the interpretation of cardiovascular data, and therapeutic use of advanced cardiovascular technology.
P MTEC 702 or MTEC 704
R MTEC 704 LT PGDipMedTech L Wellington

MTEC 705 Sleep Medicine
FY 0.25 EFTS OL DL 30 points
An understanding of normal sleep and factors that alter sleep and wakefulness, and pathophysiological sleep disorders.
R MTEC 705 LT PGDipMedTech L Wellington

MTEC 706 Sleep Technology
FY 0.25 EFTS OL DL 30 points
An understanding of principles underlying the measurement of sleep and sleep-related disorders, and appropriate therapeutic interventions.
P MTEC 702, MTEC 706
R MTEC 706 LT PGDipMedTech L Wellington

Microbiology

MIRC 221 Microbes to Medicine
S1 0.15 EFTS OL OC 18 points
Fundamental concepts in microbiology, building from the characteristics of microorganisms, through the handling and containment of microorganisms, to medical microbiology and immunology.
P CELS 191, CHEM 191 and 36 further 100-level points
R MELS 221, PHCY 219
RP HUBS 191
RC GENE 221
SC Science

MIRC 222 Microbes in Action
S2 0.15 EFTS OL OC 18 points
The ecology and functional diversity of microorganisms in natural ecosystems and the use of microorganisms in bioremediation, biocatalysis, and industrial processes.
P CELS 191, CHEM 191 and 72 further points
RP MIRC 221
SC Science

MIRC 223 Infection and Immunity
S2 0.15 EFTS OL OC 18 points
The epidemiology and pathogenesis of infectious diseases, the response of the immune system to microbial antigens, and how the response is measured.
P HUBS 191 and 90 further points
R MELS 223
RP MIRC 221
SC Science

MIRC 311 Food Microbiology
S1 0.15 EFTS OL OC 18 points
The fundamentals of food microbiology and its importance to the community, food preservation, food allergies; food-borne infections; the microbiological analysis of foods including data interpretation.
P MIRC 221
SC Science

MIRC 332 Health Microbiology
S2 0.15 EFTS OL OC 18 points
Disease mechanisms of key microbial pathogens, including bacteria, protozoa and fungi. Treatment and control of microbial diseases. Role of the human microbiome and commensals in health and disease.
P MIRC 223
RP MIRC 221
SC Science

MIRC 334 Advanced Immunology
S1 0.15 EFTS OL OC 18 points
Mechanisms of immune activation and tolerance, molecular immunology, allergy, autoimmunity, immunodeficiency, immunoneuroendocrinology, tumour immunotherapy and transplant immunology. Tools for tumour immunotherapy, fluorescent cell sorting, lymphocyte activation, cytotoxicity and cytokine assays.
P MIRC 223
RP MIRC 221
SC Science

Medical

MICN 201 Medicine Second Year
FY 0.975 EFTS OL OC 120 points
LT MB ChB

MICN 301 Medicine Third Year
FY 0.975 EFTS OL OC 120 points
LT MB ChB

MICN 401 Medicine Fourth Year
FY 1.0 EFTS OL OC 120 points
LT MB ChB
L Dunedin, Wellington, Christchurch

MICN 501 Medicine Fifth Year
FY 1.0 EFTS OL OC 120 points
LT MB ChB
L Dunedin, Wellington, Christchurch

MICN 621 Medicine Sixth Year 1st Quarter
N1, N2 0.25 EFTS OL OC 30 points
LT MB ChB
L Dunedin, Wellington, Christchurch

MICN 622 Medicine Sixth Year 2nd Quarter
N1, N2 0.25 EFTS OL OC 30 points
LT MB ChB
L Dunedin, Wellington, Christchurch

MICN 623 Medicine Sixth Year 3rd Quarter
N1, N2 0.25 EFTS OL OC 30 points
LT MB ChB
L Dunedin, Wellington, Christchurch

MICN 624 Medicine Sixth Year 4th Quarter
N1, N2 0.25 EFTS OL OC 30 points
LT MB ChB
L Dunedin, Wellington, Christchurch

Key:
S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; ND: not offered in 2019; NO (2000): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information.  Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
MINS 406 Theological Perspectives on Leadership

NO 0.1667 EFTS OL, DL 20 points
Critical theological reflection on the nature of leadership, focusing on understandings and models of effective leadership, and the nature of congregations and other faith-based organisations as social and religious communities.
R MINX 406

MINS 407 Preaching and Communication in a Contemplative Context

NO 0.1667 EFTS OL, DL 20 points
An exploration of communication issues that affect congregations and ministry organisations today, including interpreting the Bible and preaching in an increasingly secular world, as well as digital and online communication.
R PAST 311, PASC 311
LT MMin, PGdipMin, BTheol(Hons)

MINS 408 Cultures, Migration and Faith

NO 0.1667 EFTS OL, DL 20 points
An exploration of mission and ministry in a diverse society, including understanding cultures, migration patterns, generational challenges, refugee issues, intercultural connections and bicultural commitments from the perspective of Christian faith.

MINS 409 Chaplaincy Studies (Advanced)

NO 0.1667 EFTS OL, DL 20 points
The practice of chaplaincy in diverse settings within contemporary New Zealand along with listening skills, theological exploration of chaplaincy, and self-care.
R PAST 317
LT (B)Hons, PGdipArts, PGcCertChap, PGdipChap, MChap, BTheol(Hons), PGdipTheol, MTheol, PGdipMin, MMin
Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 410 Pastoral Care in Dying, Grief and Loss

S2 0.1667 EFTS OL, DL 20 points
The role of chaplains, ministers and other caregivers in situation of death, dying and loss and the ways they can facilitate a healthy grieving process.
R PAST 318
LT (B)Hons, PGdipArts, PGcCertChap, PGdipChap, MChap, BTheol(Hons), PGdipTheol, MTheol, PGdipMin, MMin

MINS 411 Chaplaincy in Diverse Contexts

S2 0.1667 EFTS OL, DL 20 points
The role of the chaplain in diverse contexts, with particular emphasis on the forms of traumatic stress that chaplains deal with in such settings.
LT (B)Hons, PGdipArts, PGcCertChap, PGdipChap, MChap, BTheol(Hons), PGdipTheol, MTheol, PGdipMin, MMin
Note: This paper includes a compulsory intensive course in Auckland.

MINS 412 Church in Mission: Theology in Changing Cultures (Advanced)

NO 0.1667 EFTS OL, DL 20 points
A theologically rigorous and culturally informed understanding of re-forming Christian communal identity, bringing together perspectives of global theology, contemporary cultures and ecclesial study in a critical and constructive dialogue.
R PAST 320

MINS 413 Missional God, Missional People (Advanced)

NO 0.1667 EFTS OL, DL 20 points
Scripture's story of the missional God and the ways that themes such as call, blessing and liberation have been experienced, re-imagined and lived out by God's people.
R PAST 321
Note: May not be credited together with PAST 308 or MINS 405 passed in 2014.

MINS 414 Arts and Cultures in Christian Ministry and Mission (Advanced)

S1 0.1667 EFTS OL, DL 20 points
The role of the arts in expressing, shaping, nourishing and critiquing Christian faith, including how the arts in different theological traditions might enrich Christian ministry and mission.
R PAST 322

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.

MINS 590 Research Project

FY 0.5 EFTS OC, DL 60 points
Supervised individual research on an approved topic.
R MINX 590

Note: May not be credited together with PAST 206 or 306 passed in 2012, 2013 or 2014.
Music

MUSI 101 Materials of Music 1
S2 0.15 EFTS OL, OC 18 points
An introduction to the materials of music, advancing students’ understanding of scales, modes, chords, rhythm and musical structure, illustrated with examples drawn from a wide range of music.
SC Arts and Music

MUSI 102 Music in Western Culture
NO (2021) 0.15 EFTS OL, OC 18 points
The study of European art music from the Middle Ages to the twenty-first century in its historical and cultural contexts.
SC Arts and Music

MUSI 103 Popular Music
S1 0.15 EFTS OL, OC 18 points
An overview of popular music with studies in the role and function of music in popular culture in global context.
SC arts and musical knowledge required.

MUSI 104 World Music
NO (2020) 0.15 EFTS OL, OC 18 points
An exploration of the world’s traditional, popular and contemporary musics in their cultural context.
SC Arts and Music

MUSI 105 Music Matters
S2 0.15 EFTS OL, OC 18 points
Perspectives of music in global, historical and cultural context. Students will learn why music matters in modules covering diverse themes and musical styles.
SC Arts and Music
Note: No prior musical knowledge required.

MUSI 131 Composition 1
FY 0.15 EFTS OL, OC 18 points
A paper in creative music that caters for students with previous experience in composition. Students work towards producing a portfolio of notated compositions, including modules on vocal composition and film music. ‘The ability to note music accurately is essential for this paper.
SC Arts and Music

MUSI 132 Music Technology 1
ES 0.15 EFTS OL, OC 18 points
An introduction to the technology of music, including computers and music software, sequencing, editing and recording techniques.
SC Arts and Music

MUSI 135 Songwriting
FY 0.15 EFTS OL, OC 18 points
The development of songwriting skills including lyric writing, structure and composition techniques across a wide range of popular music styles.
SC Arts and Music

MUSI 140 Performance Studies 1
ES, FY 0.15 EFTS OC, DP 18 points
Tuition to develop performance skills in a solo instrument or voice, a second instrument or voice, or an approved popular music or World Music Option (either Gamelan, Taiko, Tuunga pūoro or Scottish piping or drumming).
SC Arts and Music
Notes: (i) Admission to the paper in a solo instrument by audition, evidence of ability as a performer is required, and admission is subject to teacher’s availability (see MUSI 141 or 240). (ii) May not be taken in the same year as MUSI 141 or 240.

MUSI 141 Performance 1
FY 0.3 EFTS OC, DP 36 points
The development of specialised performance skills in music through individual tuition and workshops.
SC Arts and Music
Notes: (i) Evidence of ability as a performer is required. Entry is by audition (see MUSI degree regulations). (ii) May not be taken at the same time as MUSI 140 except in the World Music ensemble performance option.

MUSI 146 Contemporary Music Performance 1
FY 0.3 EFTS OC, DP 36 points
The development of modern musicianship skills necessary to enter and maintain a career in all facets of the popular and commercial music industry.

MUSI 201 Materials of Music 2
S1 0.15 EFTS OL, OC 18 points
The nature of musical elements, looking at ways they can be used and drawing on examples from a range of musical styles.
SC Arts and Music

MUSI 203 Music and the Internet
NO 0.15 EFTS OL, OC 18 points
Issues and concepts relevant to the relatively recent but hugely significant phenomenon of music and the internet.
SC Arts and Music

MUSI 223 Classical Music
S2 0.15 EFTS OL, OC 18 points
A study of selected significant musical styles and composers of Classical Western art music, with special emphasis upon the development of new musical languages within music history.
SC Arts and Music

MUSI 225 Ethnomusicology: Music in Human Life
S1 0.15 EFTS OL, OC 18 points
Approaches to the study of the world’s traditional, popular and contemporary musics in their cultural context.
SC Arts and Music

MUSI 232 Music Technology 2
S2 0.15 EFTS OL, OC 18 points
Industry-standard music software incorporating digital audio and sound design, sampling and synthesis.
SC Arts and Music

MUSI 233 Electronic Music Production
S1 0.15 EFTS OL, OC 18 points
Development of computer-based electronic music production skills and techniques using industry-standard software and equipment.
SC Arts and Music

MUSI 234 Contemporary Composition
FY 0.15 EFTS OL, OC 18 points
Creative music composition, including songwriting, music for film and theatre, arranging and writing idiotically for instruments.
SC Arts and Music

MUSI 240 Performance Studies 2
ES, FY 0.15 EFTS OC, DP 18 points
Tuition to develop performance skills in a solo instrument or voice, a second instrument or voice, or an approved popular music or world music context.
SC Arts and Music
Notes: (i) Entrance to MUSI 240 requires Departmental Permission. (ii) Admittance is subject to teacher availability.

MUSI 241 Introduction to Music
S1 0.15 EFTS OL, OC 18 points
An introduction to the theory of music, including notation and the foundations of key, harmony and tonality.
R MUSI 101
SC Arts and Music
Notes: (i) MUSI 191 cannot be credited to a degree if MUSI 101 has already been passed. (ii) Students who are not fluent in the reading of music should enrol in MUSI 191 in their first year.
MUSI 241  Performance 2
P 0.3 EFTS OC, DP 36 points
The development of specialised performance skills in music through individual tuition and workshops.
SC Arts and Music
P MUSI 101, 141
LT MusB, BPA
Note: At least a C+ pass must be gained in MUSI 141.

MUSI 246  Contemporary Music Performance 2
P 0.3 EFTS OC, DP 36 points
The development of modern musicianship skills necessary to enter and maintain a career in all facets of the popular and commercial music industry.
SC Arts and Music
P MUSI 101 and MUSI 146 with a grade of at least C+.
R MUSI 245
LT MusB, BPA

MUSI 247  Blues, Rock and Jazz: The Art of Jamming
NO (2020) 0.15 EFTS OL, OC 18 points
Development of practical performance skills on an instrument or voice in the art of improvising in Blues, Rock ‘n’ Roll, and Jazz styles.
P One of MUSI 140, 141, 146, 156, PERF 102, 103
SC Arts and Music
Note: Students who have not passed one of MUSI 140, 141, 146, 156, PERF 102 or 103 may be admitted on the basis of equivalent practical musical experience.

MUSI 259  Special Topic: Practical Conducting
P 0.15 EFTS OL, OC 18 points
The techniques and skills of conducting including gesture, rehearsal technique and score analysis.
SC Arts and Music
P MUSI 101 or 110
Note: Students who have not passed MUSI 101 or 110 may be admitted on the basis of equivalent musical knowledge.

MUSI 260  Special Topic: Pop Vocal Performance and Recording
P 0.15 EFTS OL, OC, DP 18 points
The study of pop vocal techniques for the twenty-first century vocalist through a series of lectures, seminars and practical recording workshops.
SC Arts and Music
P MUSI 101, 146

MUSI 261  Music and Visual Culture
NO (2020) 0.15 EFTS OL, OC 18 points
Theories, methods and subject material of music iconography. An introduction to representations of music and musicians in art from Classical times to the modern day, using current debates within the discipline of music iconography and the application of critical judgements to methods and approaches.
SC Arts and Music
P 36 points
R MUSI 361

MUSI 265  Music and Theatre
NO (2020) 0.15 EFTS OL, OC 18 points
A study of the relationship between music and theatre in historical and contemporary contexts. Emphasis is given to the analysis of performances as text, and the study of the practical function of music and theatre synergies.
SC Arts and Music
P 36 100-level points
R MUSI 366
SC Arts and Music

MUSI 266  Film Music
NO (2020) 0.15 EFTS OL, OC 18 points
A critical examination of film music from the late nineteenth century to the present day, including film music genres, composers and styles.
SC Arts and Music
P 36 100-level points
R MUSI 366
SC Arts and Music

MUSI 267  Music in New Zealand
S1 0.15 EFTS OL, OC 18 points
The study of historical and contemporary music in New Zealand from analytical and cultural perspectives.
SC Arts and Music
P 36 100-level MUSI points
R MUSI 366

MUSI 268  Performance in Asia and the Pacific
S2 0.15 EFTS OL, OC 18 points
A study of the musical diversity of Asia and the Pacific with focus on performance in Japan, Indonesia, Polynesia and Melanesia. Includes playing experience on select instruments.
P 36 100-level points
R MUSI 226, 228, 326, 328, 368
SC Arts and Music
Note: No prior musical knowledge required.

MUSI 269  Global Pop
NO (2020) 0.15 EFTS OL, OC 18 points
A critical study of the global phenomenon of popular music.
P 36 100-level points
R MUSI 369
SC Arts and Music

MUSI 301  Materials of Music 3
S2 0.15 EFTS OL, OC 18 points
An in-depth study of micro- and macro-structures of music, including the analysis of post-tonal music, and incorporating examples from Western art music as well as contemporary popular music.
P MUSI 201
SC Arts and Music

MUSI 303  Music and the Internet (Advanced)
NO (2020) 0.15 EFTS OL, OC 18 points
Issues and concepts relevant to the relatively recent but hugely significant phenomenon of music and the internet.
P 36 200-level points
R MUSI 203
SC Arts and Music

MUSI 323  Classical Music
S2 0.15 EFTS OL, OC 18 points
A study of selected significant musical styles and composers of Classical Western art music, with special emphasis upon the development of new musical languages within music history.
P MUSI 102 and (MUSI 201 or 301)
R MUSI 223
SC Arts and Music
Note: Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

MUSI 325  Ethnomusicology: Music in Human Life (Advanced)
S1 0.15 EFTS OL, OC 18 points
Approaches to the study of the world’s traditional, popular and contemporary musics in their cultural context.
P 18 200-level MUSI or ARTH points
R MUSI 225
SC Arts and Music

MUSI 331  Composition Projects
P 0.3 EFTS OL, OC 36 points
A paper in creative music that develops skills in the student’s area of interest.
P MUSI 231 or 235
LT MusB, BPA

MUSI 332  Music Technology 3
S1 0.15 EFTS OL, OC 18 points
A detailed introduction to industry-standard sound reinforcement and recording technology. The skills taught will be of use to composers, songwriters, arrangers, and those interested in music production in the context of live sound reinforcement, as well as the professional recording studio environment.
P MUSI 232
SC Arts and Music

MUSI 333  Electronic Music Production (Advanced)
S1 0.15 EFTS OL, OC 18 points
Development of computer-based electronic music production skills and techniques using industry-standard software and equipment.
P MUSI 132 and 18 200-level points
R MUSI 222
Note: Students who have not taken MUSI 132 should demonstrate prior knowledge of Logic, Pro-Tools or Ableton before commencing the paper. Contact lecturer Mr. David Harrison, david.harrison@otago.ac.nz to arrange a demonstration.

MUSI 334  Studio Production Projects
S2 0.15 EFTS OL, OC 18 points
An advanced paper in practice-based studio production and research projects, including production for music performance, new media and recorded works.
P MUSI 332

MUSI 340  Performance Studies 3
ES, FY 0.15 EFTS OC, DP 18 points
Tuition to develop performance skills in a solo instrument or voice, a second instrument or voice, or an approved popular music or world music context.
P MUSI 240 or 241 (passed with a grade of at least B-)
SC Arts and Music
Notes: (i) Students wishing to apply for MUSI 340 must do so via Departmental Permission. (ii) Admittance is subject to teacher’s availability. (iii) May not be taken in the same year as MUSI 341 (except in the World Music ensemble performance option) and cannot be credited to a degree if MUSI 341 has already been passed in the same instrument or voice. (iv) Cannot be taken in the same instrument or voice as MUSI 341. (v) For information regarding auditions, please contact mtpa@otago.ac.nz.

MUSI 341  Performance 3
FY 0.3 EFTS OC, DP 36 points
The development of specialised performance skills in music through individual tuition and workshops.
P MUSI 241 (passed with a grade of at least B-)
LT MusB, BPA
Note: May not be taken in the same year as MUSI 348 for MusB or Mus(Hons).

MUSI 346  Contemporary Music Performance 3
S2 0.3 EFTS OL, OC 36 points
The development of modern musicianship skills necessary to enter and maintain a career in all facets of the popular and commercial music industry.
P MUSI 246 (passed with a grade of at least B-)
R MUSI 345
LT MusB, BPA
Note for MUSI 341, 346, 366:
Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

MUSI 361  Music and Visual Culture
NO (2020) 0.15 EFTS OL, OC 18 points
Theories, methods and subject material of music iconography. An introduction to representations of music and musicians in art from Classical times to the modern day, using current debates within the discipline of music iconography and the application of critical judgements to methods and approaches.
P 18 200-level ARVT, MUSI or VISC points
R MUSI 261
SC Arts and Music

MUSI 365  Music and Theatre
NO (2020) 0.15 EFTS OL, OC 18 points
A study of the relationship between music and theatre in historical and contemporary contexts. Emphasis is given to the analysis of performances as text, and the study of the practical function of music and theatre synergies.
P 18 200-level MUSI, PERF or THEA points
R MUSI 265
SC Arts and Music

MUSI 366  Film Music
NO (2020) 0.15 EFTS OL, OC 18 points
A critical examination of film music from the late nineteenth century to present day, including film music genres, composers and styles.
P 18 200-level MUSI or MFCO points
R MUSI 266
SC Arts and Music

MUSI 367  Music in New Zealand (Advanced)
S1 0.15 EFTS OL, OC 18 points
The study of historical and contemporary music in New Zealand from analytical and cultural perspectives.
P 18 200-level MUSI points
SC Arts and Music

MUSI 368  Performance in Asia and the Pacific
S2 0.15 EFTS OL, OC 18 points
A study of the musical diversity of Asia and the Pacific with focus on performance in Japan, Indonesia, Polynesia and Melanesia. Includes playing experience on select instruments.
P 18 200-level points
R MUSI 226, 228, 268, 326, 328
SC Arts and Music
Note: No prior musical knowledge required.
N
Nautical Studies
NAUT 101 Nautical Studies 1
S1 0.15 EFTS OC, DP 18 points
A theoretical and practical introduction to nautical studies. Students will gain an understanding of, and develop a critical approach to, issues such as maritime law and regulations, in-shore navigation, and maritime communications. Practical issues such as health and safety at sea, and seamanship will also be covered.
PC: NAUT 101
SC: Science
Note: Numbers for this paper are limited.

NAUT 201 Nautical Studies 2
NO 0.15 EFTS OC 18 points
A theoretical and critical approach to nautical studies, aimed at giving an understanding of the operation and navigation of ocean-going vessels, taking into consideration construction, equipment, manoeuvring and prevailing weather patterns.
PC: NAUT 101
SC: Science
Note: (a) May not be credited together with SURV 326 passed in 2003 or 2004. (b) This paper will only be taught if there are at least five student enrolments.

Neuroscience
NEUR 301 Current Topics in Neuroscience
S1 0.15 EFTS OC, DP 18 points
Recent advances and controversies in neuroscience research. P: ANAT 242, PHSL 231, PSY 211 and 18 200-level BIOC, GENE, ZOOL or PHAL points
SC: Science
Note: Available only to selected Neuroscience students with approval from the Director, Neuroscience Programme.

NEUR 302 Special Topic
NO 0.15 EFTS OC, DP 18 points
P: PHSL 231
SC: Science

NEUR 303 Neuroendocrinology
S1 0.15 EFTS OC, DP 18 points
In-depth studies of selected topics in neuroendocrinology. P: ANAT 242, PHSL 231
SC: Science

NEUR 452 Neurodegenerative Disorders
FY 0.1667 EFTS OC, DP 20 points
Selected topics relating to the causes of neurodegenerative diseases.

NEUR 453 Applied Human Neuroscience
S1 0.1667 EFTS OC, DP 20 points
Exploration of how experimental neuromodulation can be used to support or refute current concepts of pathophysiology in clinical human neuroscience. Note: May not be credited together with NEUR 463 completed in 2016 or 2017 or with NEUR 472 completed in 2018.

NEUR 455 Sleep
NO 0.1667 EFTS OC, DP 20 points
The physiology of sleep, sleep and circadian rhythms, and sleep and daytime performance.

NEUR 457 Developmental Neuroscience
NO 0.1667 EFTS OC, DP 20 points
Selected topics in the development and repair of the vertebrate nervous system.

NEUR 459 Neuroendocrinology
FY 0.1667 EFTS OC, DP 20 points
Control of the endocrine system by the brain and the reciprocal effects of hormones on brain structure and function.

NEUR 461 Clinical Neurology
NO 0.1667 EFTS OL, OC, DP 20 points
An introduction to neurological diseases for neuroscience students.

NEUR 462-463 Topics in Neuroscience
Es, FY 0.1667 EFTS OL, OC, DP 20 points each
Note: Please contact the Neuroscience Programme Office (neuroscience@otago.ac.nz) before enrolling for this paper.

NEUR 472 Special Topic
S1 0.0833 EFTS OC 20 points

NEUR 480 Research Project
FY 0.3333 EFTS OL, OC, DP 40 points
A supervised project involving research and leading to the production of a research report.
LT: PGDipSci

NEUR 490 Dissertation
FY 0.5 EFTS OL, OC, DP 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT: BSc(Hons), PGDipSci

NEUR 495 Master's Thesis Preparation
FY 0.3333 EFTS OL, OC, DP 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.
LT: MSc

Nursing
NURS 403 Mental Health Nursing Practice
S2 0.25 EFTS OL, DL 30 points
 Provision of a theoretical basis for mental health nursing through the use of a problem-based learning approach, and the incorporation of critical social theory as a basis for reflection on mental health nursing practice.
R: NURX 403
LT: MHealSc, PGCertHealSc, PGDipHealSc
L: Christchurch

Note: Students must have had at least two years’ clinical experience in a mental health context.

NURS 404 Advanced Mental Health Nursing Practice
S2 0.25 EFTS OL, DL 30 points
Advanced clinical practice in a mental health nursing context. Critique of practice and the application of research and theoretical principles to mental health nursing practice.
P: NURS 403 or NURX 403
R: NURX 404
L: MHealSc, PGCertHealSc, PGDipHealSc
L: Christchurch

NURS 405 Health Assessment and Advanced Nursing Practice
S2 0.25 EFTS OL, DL 30 points
Enables the registered nurse to demonstrate health assessment knowledge and skills to meet the competencies required for advancing nursing practice. A period of mentored practice will integrate physical, psychosocial assessment and pathophysiology in the nurse’s specialty area.
R: NURS 405
L: MHealSc, PGCertHealSc, PGDipHealSc
L: Christchurch

NURS 409 Mental Health Nursing Practicum
S2 0.25 EFTS OL, DL 30 points
Practicum offering clinical knowledge and skills for specialist mental health nursing and mental health care delivery. Critique of practice and application of research and theoretical principles to mental health nursing clinical practice.
R: NURX 409
L: MHealSc, PGCertHealSc, PGDipHealSc
L: Christchurch

Note: Limited to nurses with no more than six months’ clinical experience in a mental health specialty.
NURS 441 Nursing - High Acuity
S2 0.25 EFTS OL, DL 30 points
Professional skills and knowledge related to clinical competence in areas such as high dependency, critical care and emergency nursing.
R NURX 431
LT MHeaSc, PGCertHeaSc, PGDipHeaSc
L Christchurch

NURS 442 Long-term Conditions: Pathophysiology and Management
S1 0.25 EFTS OL, DL 30 points
Principles of effective long-term condition management, including pathophysiological concepts, for assessing the impact of chronic conditions and application with best practice clinical guidelines. Early detection, practice-based resources, patient self-management, and end of life care are addressed.
R NURX 427
LT MHeaSc, PGCertHeaSc, PGDipHeaSc
L Christchurch

NURS 443 Nursing Science 1
N1 0.125 EFTS OL, OC 15 points
Normal anatomy and physiological function across the lifespan with an introduction to pathophysiological processes, genetics, immunology and microbiology. Particular focus on scientific principles that align with students’ clinical placements.
LT MNSc
L Christchurch

NURS 444 Nursing Science 2
N1 0.125 EFTS OL, OC 15 points
Extension of prior knowledge, using case-based approaches covering altered health states, complex pathological processes (including cancer), introduction to pharmacological principles, medications and polypharmacy relating to cases and clinical practice.
P NURS 443, 445
LT MNSc
L Christchurch

NURS 445 Introduction to Clinical Nursing Practice
N1 0.125 EFTS OL, OC 15 points
Introduction to nursing skills for assessment, planning and ongoing health care across the lifespan. Foundational technological and skill acquisition for safe practice and application of clinical judgement and clinical reasoning.
LT MNSc
L Christchurch

NURS 446 Nursing Clients with Altered Health States
N1 0.125 EFTS OL, OC 15 points
Nursing skills and knowledge in caring for people with an acute illness, acute exacerbation of existing illness, susceptibility to life-threatening conditions, including pre-, peri- and post-operative care.
P NURS 443, 445
LT MNSc
L Christchurch

NURS 447 Applied Nursing Research
N1 0.25 EFTS OL, DL 30 points
A research methods paper providing methods, analyses and ethics used in nursing research. Content will include quantitative and qualitative methodologies. Includes a clinically applied fieldwork component.
LT MNSc
L Christchurch

NURS 501 Nursing Science 3
N1 0.125 EFTS OL, OC 15 points
Integration of established science knowledge, pharmacokinetics and pharmacodynamics, informing clinical decisions. Study of cases emphasising integration of concepts, complexity and the holistic nature of care and interventions.
P NURS 441, 442, 444, 446
LT MNSc
L Christchurch

NURS 502 Mental Health Nursing
N1 0.125 EFTS OL, OC 15 points
Nursing people who have a mental health condition.
P NURS 441, 442, 444, 446
LT MNSc
L Christchurch

NURS 503 Nursing Clients with Complex Health States
N1 0.125 EFTS OL, OC 15 points
Nursing people with complex health needs, co-morbidity or disability. Knowledge and skills in applying appropriate models of care, including restorative, service integration across the continuum of care, and patient self-management.
P NURS 441, 442, 446
LT MNSc
L Christchurch

NURS 504 Consolidation of Practice
N1 0.25 EFTS OL, OC 30 points
Extended period of clinical practice to demonstrate competence for entry to registered nurse practice.
P NURS 447, 501, 502, 503
C NURS 581
LT MNSc
L Christchurch

NURS 580 Nursing Research Project
N1 0.25 EFTS OL, OC 30 points
Completion of a supervised research project demonstrating independent study.
P NURS 441, 442, 443, 444, 445, 446, 447
LT MNSc
L Christchurch
O

Obesity Prevention and Management

**OBPM 401 Medical and Surgical Management of Obesity**

- **S1**: 15 points
- **S2**: 15 points
- **FY**: 15 points
- **ECTS**: 0.125 OL

A broad look at the obesogenic environment from a governmental sociological perspective to the individual's psychological risk factors, with particular reference to Maslow and Pavlov.

**OBPM 402 Psychosocial Factors in Obesity Prevention and Management**

- **S1**: 15 points
- **S2**: 15 points
- **FY**: 15 points
- **ECTS**: 0.125 OL

Notes: (i) These thematic training programmes are compulsory for the Postgraduate Diploma in Obstetrics and Medical Gynaecology. (ii) For more information: otago.ac.nz/womens-health-postg

Obstetrics and Medical Gynaecology

Notes for **OBGY 712-716**:

(i) These papers are designed for the continuing professional education of health professionals involved in the provision of women's health care, and are also compulsory papers for the Postgraduate Diploma in Obstetrics and Medical Gynaecology.

(ii) Limited to 30 students per paper, per semester.

(iii) For more information: otago.ac.nz/womens-health-postg

**OBGY 713 Pregnancy Care in the Community**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points
- **ECTS**: 0.15 OL, DL, DP

Content and rationale of antenatal and postnatal visits, relevant anatomy and physiology of pregnancy, hypertensive disorders in pregnancy, medical disorders of pregnancy, bleeding in pregnancy, thrombophilias in pregnancy, malpresentations late in pregnancy, obstetric emergencies, breast feeding, common disorders of the puerperium, well baby check, common neonatal disorders to include jaundice, respiratory distress, seizures, infection, intracranial bleeding, hypothermia.

**OBGY 715 Medical Gynaecology I**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points
- **ECTS**: 0.15 OL, DL, DP

Well women care, fertility regulation, screening in women's health, menstrual disorders, abnormal vaginal bleeding, vaginal discharge, vulval disorders, pelvic pain, climacteric and hormone replacement.

**OBGY 716 Medical Gynaecology II**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points
- **ECTS**: 0.15 OL, DL, DP

Urinary incontinence, prolapse, malignancy of the genital tract, adolescent gynaecology, domiciliary violence, sexual assault, termination of pregnancy, infertility and quality assurance.

**OBGY 717 Obstetrics and Gynaecology Clinical Training**

- **S2**: 36 points
- **S1**: 36 points
- **ECTS**: 0.3 OL, DL

Relevant anatomy and physiology of normal and abnormal labour, practical management of normal and abnormal labour, augmentation and induction of labour, maternal birth trauma and epidural, assisted vaginal delivery, caesarean section, third stage complications, management of intrauterine fetal death, obstetric shock, well women care, family planning, screening in gynaecology, climacteric, menstrual disorders, abnormal vaginal bleeding, vaginal discharge, urinary incontinence, malignancy of the genital tract, pelvic pain and dyspareunia, sexual assault, infertility, valued lesions and quality assurance.

**OBGY 718 Obstetrics and Gynaecology Residential Course 1**

- **S1**: 6 points
- **S2**: 6 points
- **FY**: 6 points
- **ECTS**: 0.05 OL, DL, DP

Introduction to audioconferencing, communication and counselling skills, sexual assault management, preliminary labour ward management, preliminary gynaecology history and examination, introduction to ultrasound.

**OBGY 719 Obstetrics and Gynaecology Residential Course 2**

- **S1**: 6 points
- **S2**: 6 points
- **FY**: 6 points
- **ECTS**: 0.05 OL, DL, DP

Revision of topics selected by candidates and tutors, obstetrics and gynaecology databases, New Zealand clinical management guidelines related to obstetrics and gynaecology.

**OBGY 720 Obstetrics and Gynaecology**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points
- **ECTS**: 0.15 OL, DL, DP

Clues: 1st semester; SS: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; **ND**: not offered in 2019; **NO (20XX)**: not offered, expected to be offered in the year noted; **OL**: Paper required by distance learning students; **OC**: Paper is available on campus; **DL**: Paper is available by distance learning; **PD**: Paper is available by permit; **PC**: Paper is available by prior consent; **PT**: Paper is available by permit or prior consent.

See page 108 for more information. Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

**Key**

N1, N2, N3, N4, N5: non-standard periods

**S1**: first semester; **S2**: second semester; **ES**: each semester; **FY**: full year; **SS**: Summer School; **N1-5**: non-standard periods; **ND**: not offered in 2019; **NO (20XX)**: not offered, expected to be offered in the year noted; **OL**: Paper required by distance learning students; **OC**: Paper is available on campus; **DL**: Paper is available by distance learning; **PD**: Paper is available by permit; **PC**: Paper is available by prior consent; **PT**: Paper is available by permit or prior consent.

See page 108 for more information. Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

**OCCH 401 Occupational Health**

- **S1**: 30 points
- **S2**: 30 points
- **FY**: 30 points
- **ECTS**: 0.25 OL, DL

Introduction to occupational health with an emphasis on the prevention of ill health caused by workplace hazards.

**OCCH 402 Occupational Safety**

- **S1**: 30 points
- **S2**: 30 points
- **FY**: 30 points

Introduction to workplace safety with an emphasis on managing health and safety systems and resources.

**OCCH 590 Dissertation**

- **FY**: 60 points

Supervised research of up to 15,000 words presenting an original hypothesis and using previously developed research methods, for the Master of Health Science degree in Clinical Nursing.

**Nutrition Communication**

See minor subject requirements (page 103).

**Nutrition in Human Health**

See Biomedical Sciences programme requirements (page 95)

**Prescriptions**

**Oceanography**

**OCEN 201 Physical Oceanography**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points
- **ECTS**: 0.15 OL, DL

Methods and techniques in field and laboratory ocean science, including research planning and study design, field sampling and data collection, modelling, scientific writing, and presentation of results. Includes a mid-semester field trip.

**OCEN 301 Practical and Field Oceanography**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Analytic and numerical modelling of oceanic processes. An opportunity to apply mathematics and physics skills to understand a critical part of our climate system.

**OCEN 321 Ocean Physics and Modelling**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Interactions of biological and physical processes in the ocean and how physical processes regulate productivity and distribution of organisms in oceanic and coastal ecosystems, from the microscale to the macroscale.

**OCEN 322 Biological Oceanography**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Interactions of biological and physical processes in the ocean and how physical processes regulate productivity and distribution of organisms in oceanic and coastal ecosystems, from the microscale to the macroscale.

**Oceanography**

**OCEN 201 Physical Oceanography**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Methods and techniques in field and laboratory ocean science, including research planning and study design, field sampling and data collection, modelling, scientific writing, and presentation of results. Includes a mid-semester field trip.

**OCEN 301 Practical and Field Oceanography**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Analytic and numerical modelling of oceanic processes. An opportunity to apply mathematics and physics skills to understand a critical part of our climate system.

**OCEN 321 Ocean Physics and Modelling**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Interactions of biological and physical processes in the ocean and how physical processes regulate productivity and distribution of organisms in oceanic and coastal ecosystems, from the microscale to the macroscale.

**OCEN 322 Biological Oceanography**

- **S1**: 18 points
- **S2**: 18 points
- **FY**: 18 points

Interactions of biological and physical processes in the ocean and how physical processes regulate productivity and distribution of organisms in oceanic and coastal ecosystems, from the microscale to the macroscale.
Ophthalmology

OPHT 801  Ophthalmic Anatomy
N1, N2  0.25 EFTS  OL, DL  30 points
Anatomy of relevance to the clinical practice of ophthalmology. In particular the eye, the visual pathways, the orbit, its contents and peribulbar structures. The anatomy of the head and neck, neuro-anatomy and histology as it pertains to the visual system.
R  OPHX 801
LT PgdipOphthNS

OPHT 802  Ophthalmic Physiology
N1, N2  0.25 EFTS  OL, DL  30 points
Physiology of the human eye and visual systems and related neuro-physiology, including the scientific application of psychophysical testing as a basis for current and future ophthalmic clinical practice.
R  OPHX 802
LT PgdipOphthNS

OPHT 803  Ophthalmic Optics
N1, N2  0.25 EFTS  OL, DL  30 points
The application of the principles of physical, geometric, physiological optics and ultrasonography to current and future ophthalmic clinical practice, including instruments which facilitate the examination of the human eye and the detection of abnormalities that may degrade image formation in the human eye.
R  OPHX 803
LT PgdipOphthNS

OPHT 804  Practical Ophthalmic Basic Sciences
Short Course  0.25 EFTS  OL, DL  30 points
The practical application of the principles of ophthalmic optics, anatomy and physiology to current and future ophthalmic clinical practice, including the use of equipment designed to assess or measure the functioning of the human eye, anatomical specimens, prosections and models to illustrate the ocular and related anatomy.
R  OPHX 804
LT PgdipOphthNS
Note: University of Sydney students, please apply for a Certificate of Proficiency in OPHT 804 by emailing international.enquiries@sydney.edu.au

OPHT 805  Ocular Genetics
NO  0.25 EFTS  OL, DL  30 points
Provides an understanding of the implications of genetic eye disease for a practising ophthalmologist, knowledge of the latest techniques in diagnosis and management as well as insight into areas of likely development.
R  OPHX 805
LT PgdipOphthNS

Oral Medicine

ORME 701  Oral Medicine I
N1  0.5 EFTS  OC  60 points
A theoretical and practical paper on oral pathology, oral microbiology, and pharmacology and therapeutics aspects relevant to oral medicine.
LT PgdipClinDent

ORME 702  Oral Medicine II
N1  0.5 EFTS  OC  60 points
A theoretical and clinical paper on oral medicine and orofacial pain.
LT PgdipClinDent

ORME 730  Oral Medicine PGdipClinDent Special Topics
FY  0.5 EFTS  OC  60 points
Topics in pathology and microbiology of relevance to the practice of oral pathology.
LT PgdipClinDent

Oral Pathology

ORPA 701  Pathology and Microbiology
FY  0.5 EFTS  OC  60 points
Topics in pathology and microbiology of relevance to the practice of oral pathology.
LT PgdipClinDent

ORPA 702  Diagnostic Oral Pathology I
FY  0.5 EFTS  OC  60 points
Diagnostic oral pathology including theoretical and practical knowledge of histopathological diagnosis of common diseases of the oral region, preparation of gross specimens for oral and general pathology, and diagnostic general pathology relevant to oral pathology.
LT PgdipClinDent

ORPA 730  Oral Pathology PGdipClinDent Special Topics
FY  0.5 EFTS  OC  60 points
LT PgdipClinDent

Oral Surgery

ORSU 701  Oral Surgery
FY  0.5 EFTS  OC  60 points
A theoretical and clinical paper on the diagnosis and management of oral surgical conditions.
LT PgdipClinDent

ORSU 702  Oral Medicine, Oral Pathology and Orofacial Pain
FY  0.5 EFTS  OC  60 points
A theoretical and clinical paper on the diagnosis and management of oral conditions related to oral surgery.
LT PgdipClinDent

ORSU 730  Oral Surgery PGdipClinDent Special Topics
FY  0.5 EFTS  OC  60 points
LT PgdipClinDent

Pacific and Global Health

PACH 201  Pacific Health: New Zealand and the Pacific Region
S2  0.15 EFTS  OL, OC  18 points
Introduction to Pacific Peoples’ health. Explores socioeconomic determinants of Pacific Health, culture, and well-being and the context and journey of Pacific peoples in NZ, including major determinants of health.
P  108 Points
SC Arts and Music

PACH 301  Pacific Health: Advanced Applied Knowledge
S1  0.15 EFTS  OL, OC  18 points
Advanced integration of key determinants for Pacific Peoples’ health. Understand Pacific health service provision and approaches to improve Pacific Health, with consideration for historical context, modern society and Pacific culture.
P  PACH 201
SC Arts and Music

PACI 201  Contemporary Pacific Island Issues
S1  0.15 EFTS  OL, OC  18 points
Contemporary social, political and economic issues affecting peoples living in the Pacific region. Focus on urbanisation, land, poverty, climate change and social issues.
P  PACI 101 or 36 points
SC Arts and Music

PACI 210  Special Topic: Pacific Bodies: Pacific Worlds
S2  0.15 EFTS  OL, OC  18 points
P  PACI 101 or 18 points
SC Arts and Music

PACI 301  Gafa o Tagata Pasifika - Pacific Diaspora in New Zealand
S1  0.15 EFTS  OL, OC  18 points
The Pacific diaspora living in New Zealand, including issues such as identity, culture, spirituality, education and contemporary music.
P  18-200 level ANTH, EDUC, MAOR, MUSI, PACI, RELS or SCWK points
SC Arts and Music

PACI 310  Special Topic: Sino Pasifika - Pacific Connections
NO  0.15 EFTS  OL, OC  18 points
A critical examination of outsider (European/Euro-American) views and insider (Indigenous) notions of the Pacific body and how these notions have evolved over time. The paper will explore several cultural, spiritual and physical rituals associated with the Pacific body such as haircutting, ear piercing, kava ceremony, tattooing, massage and physiology.
P  PACI 201 or 210 or an approved 200-level paper relevant to the Pacific Islands in ANTH, GEND, GEOG, HIST or MAFCO SC Arts and Music

PACI 401  Tinā Pasifika - Women in Polynesian Communities
NO  0.1667 EFTS  OL, OC, DL  20 points
Indigenous women’s roles (traditional and contemporary) within selected Polynesian communities. Topics include birthing practices, kinship and relationship practices, and female sexuality.
P  PACI 301 or 310 or 36 300-level ANTH, GEND, HIST or MAOR points
R  PACX 401, MAOR 416

PACI 402  Resource Conservation and Environment in the Pacific
NO  0.1667 EFTS  OL, OC, DL  20 points
Examines Pacific environments to seek an understanding of management of island environments and pressures brought about by issues such as climate change, urban growth, economic development and political tension.
P  PACI 301 or 310 or 36 300-level ANTH, GEND, HIST or MAOR points
R  PACX 402

PACI 410  Special Topic: Indigenous Leadership in the Pacific
S2  0.1667 EFTS  OL, OC, DL  20 points
A political and historical perspective on leadership in the Pacific and how indigenous Pacific people are affected by and also influence leadership processes and changes in their communities, societies and states. Analysis of leadership theories and models for their relevance in specific societal and state contexts from the Pacific.
P  PACI 301 or 310 or 36 300-level ANTH, GEND, HIST or MAOR points

PACI 490  Dissertation
FY  0.5 EFTS  OC  60 points
A dissertation of up to 20,000 words on an approved research topic.
P  PACI 301 and 54 300-level ANTH, ARTH, ARTV, CTHH, GEOG, HIST, MAOR or MUSI points
LT PgdipArts, BA(Hons)

Paediatric Dentistry

PADN 701  Paediatric Orofacial Diagnosis and Care
FY  0.5 EFTS  OC  60 points
LT PgdipClinDent
PAIN 701 Neurobiology of Pain
S1 0.125 EFTS OL, DL 15 points
The current understanding of the neuropathophysiology of pain, including the concepts of transmission and transmission, nervous physiology, pain modulation, central nervous system changes in pain states, and chronic regional and neuropathic pain states.

P MSME 704 or MSMM 704
R PAIX 701
LT MtHealSc, PGCPHealSc, PGDipHealSc, PGDPhy, MPhty
L Christchurch

PAIN 702 Biomedical Pain Management
S1 0.125 EFTS OL, DL 15 points
The current understanding of the various biomedical modalities to treat all types of pain states, including acute and chronic pain, regional pain states, neuropathic pain and its subtypes, and central pain syndromes.

P MSME 708 or MSMM 708
LT MtHealSc, PGCPHealSc, PGDipHealSc, PGDPhy, MPhty
L Christchurch

PAIN 703 Psychosocial and Cultural Aspects of Pain
NO (2020) 0.125 EFTS OL, DL 15 points
Exposes psychosocial and cultural concepts integral to the experience of acute and chronic pain, as well as those contextual factors influencing treatment providers involved in assessment and management of pain.

P MSME 704 or MSMM 704 and (MSME 708 or MSMM 708)
LT MtHealSc, PGCPHealSc, PGDipHealSc, PGDPhy, MPhty
L Christchurch

Pastoral Studies
PAST 206 Special Topic
NO 0.15 EFTS OL, DL 18 points
P 36 level-point levels
R PAIX 206
SC Arts and Music, Theology

PAST 207 Special Topic: Liturgical Theology
NO 0.15 EFTS OL, DL 18 points
P 36 level-point levels
R PAIX 207
SC Arts and Music, Theology

PAST 215 Christianity, Society and Ministry in New Zealand (Advanced)
S1 0.15 EFTS OL, OC, DL 18 points
Using the lens of Christendom and post-Christendom, this paper examines the history of Christianity in New Zealand, its place and voice in society, and the contemporary challenges for ministry.

P 36 level-point levels
R PAST 315
SC Arts and Music, Theology

PAST 216 Current Perspectives on Pastoral Care
NO 0.15 EFTS OL, DL 18 points
Pastoral care as the caring, nurturing and compassionate work of the church as a whole, increasingly viewed as outward-facing, lay-centred, and attentive to communal, societal and cross-cultural dynamics.

P 36 level-point levels
R PAST 316
SC Arts and Music, Theology

PAST 219 Christian Witness in a Secular World
S1 0.15 EFTS OL, DL 18 points
The motivation, nature and outcomes of authentic Christian witness in today's secular environment and the implications of local church and ministry contexts.

P 36 points
R PAST 319
SC Arts and Music, Theology

PAST 306 Special Topic
NO 0.15 EFTS OL, DL 18 points
P One 200-level PAST or PASK paper
R PASK 306
SC Arts and Music, Theology

PAST 307 Special Topic
NO 0.15 EFTS OL, DL 18 points
P One 200-level PAST or PASK paper
R PASK 307
SC Arts and Music, Theology

PAST 308 Special Topic
NO 0.15 EFTS OL, DL 18 points
P One 200-level PAST or PASK paper
R PASK 308
SC Arts and Music, Theology

PAST 311 Preaching and Communication in a Contemporary Context
NO 0.15 EFTS OL, DL 18 points
An exploration of communication issues that affect congregations and ministry organisations today, including interpreting the Bible and preaching in an increasingly secular world, as well as digital and online communication.

P One 200-level PAST or PASK paper
R MINS 407, MINS 407
SC Arts and Music, Theology

PAST 314 Cultures, Migration and Faith
NO 0.15 EFTS OL, DL 18 points
An exploration of mission and ministry in a diverse society, including understanding cultures, migration patterns, generational challenges, refugee issues, intercultural connections and bicultural commitments from the perspective of Christian faith.

P One 200-level PAST or PASK paper
R MINS 408
SC Arts and Music, Theology

Note: May not be credited together with PASK 308 or MINX 405 passed in 2012.

PAST 315 Christianity, Society, and Ministry in New Zealand (Advanced)
S1 0.15 EFTS OL, OC, DL 18 points
Using the lens of Christianity and post-Christanity, this paper examines the history of Christianity in New Zealand, its place and voice in society, and contemporary challenges for ministry.

P One 200-level PASK, OTHH or OTHH paper
R PAST 315
SC Arts and Music, Theology

Note: May not be credited together with PASK 308 or MINX 405 passed in 2013.

PAST 316 Current Perspectives on Pastoral Care (Advanced)
NO 0.15 EFTS OL, DL 18 points
Pastoral care as the caring, nurturing and compassionate work of the church as a whole, increasingly viewed as outward-facing, lay-centred, and attentive to communal, societal and cross-cultural dynamics.

P One 200-level PASK or PASK paper
R PASK 316
SC Arts and Music, Theology

Note: May not be credited together with PASK 308 or MINX 409 passed in 2013.

PAST 317 Chaplaincy Studies
NO 0.15 EFTS OL, DL 18 points
The practice of chaplaincy in diverse settings within contemporary New Zealand along with listening skills, theology of chaplaincy, and self-care.

P One 200-level PASK or PASK paper
R MINS 409
SC Arts and Music, Theology

Note: May not be credited together with PASK 206 or MINX passed in 2010, 2012 or 2013.

PAST 318 Pastoral Care in Dying, Grief and Loss
S2 0.15 EFTS OL, DL 18 points
The role of chaplains, ministers and other caregivers in situations of death, dying and loss, and the ways they can facilitate a healthy grieving process.

P One 200-level PASK paper
R MINS 410
SC Arts and Music, Theology

PAST 319 Christian Witness in a Secular World
S1 0.15 EFTS OL, DL 18 points
The motivation, nature and outcomes of authentic Christian witness in today's secular environment and the implications for local church and ministry contexts.

P One 200-level PASK or PASK paper
R PAST 219
SC Arts and Music, Theology

Note: May not be credited with PASK 307 or MINX 405 passed in 2009 or with PASK 308 or MINX 405 passed in 2011.

PAST 320 Church in Mission: Theology in Changing Cultures
NO 0.15 EFTS OL, DL 18 points
A theologically rigorous and culturally informed understanding of re-forming Christendom into an outward-facing, lay-centred, and attentive to communal, societal and cross-cultural dynamics.

P One 200-level PASK or PASK paper
R MINS 413
SC Arts and Music, Theology

PAST 321 Missional God, Missional People
NO 0.15 EFTS OL, DL 18 points
The study of the missional God and the ways that themes such as call, blessing and liberation have been experienced, re-imagined and lived out by God's people.

P One 200-level PASK or PASK paper
R MINS 413
SC Arts and Music, Theology

PAST 322 Arts and Cultures in Christian Ministry and Mission
S1 0.15 EFTS OL, DL 18 points
The role of the arts in expressing, shaping, nourishing and critiquing Christian faith, including how the arts in different theological traditions might enrich Christian ministry and mission.

P One 200-level PASK paper
R MINS 414
SC Arts and Music, Theology

PAST 490 Dissertation
FY 0.5 EFTS OC, DL 60 points
Supervised individual research on a topic in pastoral studies.

R PASX 400
LT PGDipTheol, BTheol(Hons)

Pathology
PATH 201 Foundations in Human Pathology
S2 0.15 EFTS OL, OC 18 points
An outline of pathological processes underlying disease in humans, including cell death, inflammation, immunological reactions, tissue healing and cancer, and the molecular mechanisms of each.

P BIOC 192, CELS 191, HUBS 192
RP ANAT 241, BIOC 221
SC Science

PATH 301 Advanced Pathology
S1 0.15 EFTS OL, OC 18 points
Pathology of human disease; applied and theoretical concepts relating to pathological conditions, including immunology, pathology, congenital and developmental disorders, cardiovascular pathology, haematological disorders, neurology, pathology, forensic and diagnostic pathology.

P PATH 201
RP ANAT 241, BIOC 221
SC Science

Prescriptions
Key
S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods*; NO: not offered; expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Prerequisite; C: Corequisite; PC: Prerequisite or corequisite; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin). See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
Peace and Conflict Studies

PEAC 501 Theories of Peace and Conflict
S1 0.25 EFTS OL, OC 30 points
An advanced introduction to the study of the empirically based, theoretical debates on the micro and macro causes of violence and armed conflict, and the potential and challenges of peacemaking.
R PEAC 401
LT MPCS

PEAC 502 Conflict Analysis and Conflict Resolution Theory
S2 0.25 EFTS OL, OC 30 points
An advanced introduction to the study of some of the main theoretical frameworks, concepts and lines of debate employed in peace studies for the analysis of violent conflict at the interpersonal, group, national and international levels.
R PEAC 402
LT MPCS

PEAC 503 Conflict Resolution Practice
S2 0.25 EFTS OL, OC 30 points
An in-depth and contemporary introduction to conflict resolution practice, combining theory, practice and intervention design.
R PEAC 403
LT MPCS

PEAC 504 Development and Peacebuilding
S2 0.25 EFTS OL, OC 30 points
An introduction to the theoretical, ethical and political underpinnings of the development-peacebuilding-security nexus, and the challenges of post-colonial, post-conflict reconstruction, development and reconciliation.
R PEAC 404
LT MPCS

PEAC 505 Peace Education
NO (2020) 0.25 EFTS OL, OC 30 points
Analysis of the history of peace traditions in Aotearoa New Zealand within the context of theories of peace and conflict studies.
R PEAC 405
LT MPCS

PEAC 506 Special Topic: Peace Traditions of Aotearoa New Zealand
S2 0.25 EFTS OL, OC 30 points
Analysis of the history of peace traditions in Aotearoa New Zealand within the context of theories of peace and conflict studies.
R PEAC 407
LT MPCS

PEAC 507 Critical Terrorism Studies
S1 0.25 EFTS OL, OC 30 points
A critical understanding of the nexus between education and conflict and the role of peace education in social transformation.
R PEAC 405
LT MPCS

PEAC 508 Psychology of Peace and Conflict
S1 0.25 EFTS OL, OC 30 points
Social-psychological theories explain many intergroup conflicts and how they might be resolved. Special attention will be given to their use in conflict transformation.
R PSYC 315
LT MPCS

PEAC 590 Research Dissertation
FY 0.5 EFTS OL, OC 60 points
A dissertation of up to 20,000 words on an approved research topic.
LT MPCS

Performing Arts Studies

PERF 101 Musical Theatre Voice 1A
S1 0.15 EFTS OL, OC, DP 18 points
The development of specialist singing skills necessary to enter a career in musical theatre.
LT BPA
SC Arts and Music
Note: Entry is by audition.

PERF 103 Musical Theatre Voice 1B
S2 0.15 EFTS OL, OC 18 points
The further development of specialist singing skills necessary to enter a career in musical theatre.
LT BPA
SC Arts and Music

PERF 202 Musical Theatre Voice 2A
S1 0.15 EFTS OL, OC, DP 18 points
The development of specialist singing skills necessary to enter a career in musical theatre.
LT BPA
SC Arts and Music

PERF 203 Musical Theatre Voice 2B
S2 0.15 EFTS OL, OC 18 points
The further development of specialist singing skills necessary to enter a career in musical theatre.
LT BPA
SC Arts and Music

PERF 205 Creative Industries
S2 0.15 EFTS OL, OC 18 points
An investigation of the knowledge and skills required to develop a career in the creative industries.

PERF 301 Performance Project
S2 0.15 EFTS OL, OC, DP 18 points
The creation, rehearsal and presentation of a performance piece applying elements of interdisciplinary performance theory and practice.
LT BPA
SC Arts and Music

PERF 302 Musical Theatre Voice 3
FY 0.3 EFTS OL, OC, DP 36 points
The development of advanced singing and devising skills necessary to enter a career in musical theatre.
LT BPA
SC Arts and Music

PERF 305 Creative Industries
S2 0.15 EFTS OL, OC 18 points
An investigation of the knowledge and skills required to develop a career in the creative industries.

Periodontontology

PERI 701 Principles of Periodontontology
FY 0.5 EFTS OL, OC 60 points
An in-depth study of the scientific foundations of periodontontology, including anatomy, epidemiology, pathogenesis, and philosophy of treatment of periodontal diseases.
LT PGDipClinDent

PERI 702 Clinical Periodontology
FY 0.5 EFTS OL, OC 60 points
Clinical management of patients with pathology of the periodontal structures, including non-surgical and surgical procedures and pharmaceutical methods.
LT PGDipClinDent

PERI 730 Periodontology PGDipClinDent Special Topics
NO 0.5 EFTS OL, OC 60 points
LT PGDipClinDent

Pharmacology

PHAL 211 Introductory Pharmacology
S1 0.15 EFTS OL, OC 18 points
The basic principles of pharmacology, how drugs get to their site of action, and how they work when they get there.
P (BIOC 111 or 192) and (CHEM 112 or 191) and two of (CALS 191, HUBS 191, 192, BIOL 111, 115 or 118). R PHAL 202, PHTY 252
SC Science

PHAL 212 Introductory Therapeutics and Toxicology
S2 0.15 EFTS OL, OC 18 points
An introduction to both the use of drugs in the treatment of disease and the field of toxicology.
P PHAL 211
R PHAL 202, PHTY 252
SC Science

PHAL 303 Neuropharmacology
S2 0.15 EFTS OL, OC 18 points
Mechanisms of action, uses and abuse of drugs affecting the nervous system.
P PHAL 211
SC Science

PHAL 304 Human Pharmacology
S2 0.15 EFTS OL, OC 18 points
The application of pharmacological knowledge and principles in the development and assessment of new drugs and the treatment of disease.
P PHAL 211, 212
SC Science

PHAL 305 Molecular and Immunopharmacology
S1 0.15 EFTS OL, OC 18 points
The action of existing and potential drugs on molecular and immune systems. New targets for drug action generated by new movements in science.
P (BIOC 111 or 192) and (CHEM 112 or 191) and two of (CALS 191, HUBS 191, 192, BIOL 111, 115 and 118 further 200-level PHAL, ANAT, BIOC, GENF, MICR or PHSL points)
SC Science

PHAL 306 Human Toxicology
S1 0.15 EFTS OL, OC 18 points
The causes and sources of chemical toxicity and the detection and management of human toxicity.
P PHAL 211, 212
SC Science

PHAL 307 Current Topic
FY 0.15 EFTS OL, OC 18 points
Research methods and advanced topics in Pharmacology. Suitable for students intending to pursue further study towards an honours or Master’s degree.
P PHAL 211, 212 (passed with an average grade of B+)
SC Science
Note: Students who have not passed the normal prerequisites may be admitted with approval from the Head of Department.

PHAL 421 General Pharmacology and Toxicology
S1 0.1667 EFTS OL, OC 20 points

PHAL 423 Neuropharmacology
FY 0.1667 EFTS OL, OC 20 points

PHAL 426 Clinical Pharmacology
FY 0.1667 EFTS OL, OC 20 points

PHAL 427 Advanced Topic
S2 0.1667 EFTS OL, OC 20 points

PHAL 428 Current Research Literature in Toxicology
FY 0.1667 EFTS OL, OC 20 points

PATH 302 Cancer Biology
S2 0.15 EFTS OL, OC 18 points
A multidisciplinary approach to describing current knowledge and approaches to studying cancer and its treatment, including perspectives from pathology, genetics, cell biology, immunology and clinical oncology.
P PATH 201
RP ANAT 241, BIOC 221, GENE 313
SC Science
Prescriptions

PHCY 210 **Introduction to Pharmacy**
S1 0.095 EFTS OL, OC 12 points
Introduction to pharmacy as a profession, the fundamentals of law and principles of ethics, hauora Māori, social determinants of health, the health system, patient experiences of illness and treatment, communication.
LT BPharm

PHCY 211 **Fundamental Pharmaceutical Science**
S1 0.38 EFTS OL, OC 48 points
Foundation topics in the pharmaceutical sciences, including drug design, medicinal chemistry, medicine formulation and delivery, and biopharmaceutics.
LT BPharm

PHCY 220 **Integrated Modules A**
S1 0.475 EFTS OL, OC 60 points
Integrated pharmaceutical and biomedical sciences, clinical pharmacology, therapeutics, and professional practice for patient-oriented care and population health in communicable diseases, dermatology, gastrointestinal and hepatic disorders and musculoskeletal conditions.
LT BPharm

PHCY 470 **Elective Study**
FY 0.1 EFTS OL, OC 12 points
An introduction to the principles of research and critical literature evaluation followed by structured research exercises in pharmacy practice or pharmaceutical sciences. Selected from a range of topics.
LT BPharm

PHCY 471 **Quality Use of Medicines B**
S1 0.383 EFTS OL, OC 46 points
Drug, disease and patient factors involved in the pharmacotherapeutic management of musculoskeletal conditions, reproduction and oncology.
R PHCY 482
LT BPharm

PHCY 472 **Professional Pharmacy Practice C**
FY 0.134 EFTS OL, OC 16 points
Application to pharmacy practice of the key provisions of laws specifically pertaining to pharmacy; biethical principles relevant to the healthcare environment of the profession, business and personnel management in pharmacy practice, application of these principles to community and hospital pharmacy practice.
R PHCY 482
LT BPharm

PHCY 473 **Quality Use of Medicines C**
S2 0.383 EFTS OL, OC 46 points
Drug, disease and patient factors involved in the pharmacotherapeutic management of neurological, psychiatric, haemato logical and skin disorders, special populations, and medicines management modules.
LT BPharm

PHCY 480 **Honours Research Project**
N1 0.25 EFTS OL, OC 36 points
The development, implementation and reporting of an original individual research project, supervised by a Dunedin-based School of Pharmacy staff member and approved by the Dean of the School of Pharmacy.
LT BPharm(Hons)

PHCY 481 **Quality of Use of Medicines B**
S1 0.32 EFTS OL, OC 46 points
Drug, disease and patient factors involved in the pharmacotherapeutic management of musculoskeletal and reproduction disorders and oncology.
R PHCY 471
LT BPharm(Hons)

PHCY 482 **Professional Pharmacy Practice C for Honours**
FY 0.11 EFTS OL, OC 16 points
Development of professionalism in pharmacy practice, at both the individual and organisational level, through classroom discussions and experiential learning in both community and hospital workplaces.
R PHCY 472
LT BPharm(Hons)

PHCY 483 **Quality Use of Medicines C**
S2 0.32 EFTS OL, OC 46 points
Advanced study in drug, disease and patient factors involved in the pharmacotherapeutic management of neurological, psychiatric and skin disorders, special populations, and medicines management.
LT BPharm(Hons)

Note for PHCY 501-504, 506:
Can normally only be taken for the qualifications listed above, other students may be admitted with approval from the Dean of the School of Pharmacy.

PHCY 501-504 **Elective Studies 1-4**
N1, N2 0.25 EFTS OC 30 points each
Topics related to the candidate's thesis.
LT MPharm, PG DiplPharm

PHCY 506 **Research Methods**
S2 0.25 EFTS OL, DL 30 points
Selected modules on critical evaluation and practical applications of quantitative and qualitative methods used in health sciences research. Available to health professionals.
R PHCX 506
LT M ClinPharm, M HealSc, M Pharm, PG DiplMSc, PG DiplPharm, PG DiplHealSc, PG CertHealSc, MGP, MHPH, M TaxMed

PHCY 510 **Evidence-Based Practice**
N1 0.25 EFTS OL, OC 30 points
Fundamental skills and knowledge for medicines optimisation, including understanding the patient, clinical assessment, goal setting, clinical appraisal, and designing an evidence-based plan of care.
R PHCY 541, 542, PHCX 541, 542
LT PG DiplPharm, PG DiplClinPharm

PHCY 511 **Patient-Centred Care**
N1 0.25 EFTS OL, OC 30 points
Fundamental skills and knowledge for a patient-centred approach to care, including understanding and managing variability in drug response between people, goal setting, clinical reasoning and decision making, designing and communicating a patient-centred treatment plan.
R PHCY 510
LT PG DiplPharm, PG DiplClinPharm

PHCY 512 **Advanced Clinical Pharmacy**
S1 0.25 EFTS OL, OC 30 points
Special topics in clinical pharmacy, with particular reference to multiple problems often encountered in all sectors of pharmacy practice.
R PHCX 510
LT PG DiplPharm, PG DiplClinPharm

PHCY 521 **Pre-registration Clinical Experience**
S2 0.25 EFTS OL, OC 30 points
Pre-registration clinical experience, at both the individual and organisational level, through classroom discussions and experiential learning in both community and hospital workplaces.
R PHCY 522, 523, PHCX 522, 523, 525
LT PG DiplPharm

Note: May not be offered if fewer than three students enrol.

PHCY 523 **Advanced Clinical Pharmacy 2**
S2 0.25 EFTS OL, OC 30 points
Medication in the treatment of diseases including mental health, neurological disorders, women's health, dermatology, infection, the management of pain and pharmacokinetics.
R PHCY 521, PHCX 523, 525
LT M HealSc, PG DiplClinPharm, PG DiplPharm

PHCY 524 **Pharmacoeconomics and Drug Evaluation**
NO 0.25 EFTS OL, OC 30 points
A problem-solving approach to the following topics is used: design and interpretation of clinical trials; techniques for drug evaluation and economic considerations in the use of medicines (pharmacoeconomics).
LT PG CertPharm, PG DiplClinPharm, PG DiplPharm

Notes: (i) Can normally only be taken for the qualifications listed above; other students may be admitted with approval from the Dean of the School of Pharmacy. (ii) May not be offered if fewer than ten students enrol.

PHCY 525 **Core Clinical Pharmacy**
NO 0.25 EFTS OL, OC 30 points
Medication in the treatment of diseases including cardiovascular, endocrine, mental health, infectious diseases, and respiratory.
R PHCY 522, 523, PHCX 522, 523, 525
LT PG DiplPharm

PHCY 541 **Medicines Information**
S1 0.25 EFTS OL, OC 30 points
The use of drug information resources, information technology, literature searching and critical appraisal. Application of these techniques in pharmacy practice.
R PHCX 541
LT PG DiplPharm, PG DiplClinPharm

PHCY 542 **Medicines Management**
S2 0.25 EFTS OL, OC 30 points
The clinical application of medicines information to facilitate the provision of timely, accurate and relevant advice on medicines management for an individual. A problem-solving approach, with emphasis on case specific examples, is adopted.
PC PHCY 541 or PHCX 541
R PHCX 542
LT PG DiplPharm, PG DiplClinPharm

PHCY 547 **Medicines and Culture**
S2 0.25 EFTS OL, OC 30 points
Information sources and critical assessment; approaches to studying medicines; cultural understandings of health, illness and medicines; implications for practice.
R PHCY 547
LT PG DiplPharm, PG DiplClinPharm, M Pharm

PHCY 548 **Pharmaceutical Policy**
N1 0.25 EFTS OL, OC 30 points
Introduction to a range of issues and questions in pharmaceutical policy, developing and testing medicines, medicines availability, paying for medicines, and pharmaceutical promotion.
R PHCY 548
LT PG DiplPharm, PG DiplClinPharm, PG DiplPharm

Notes: (i) Can normally only be taken for the qualifications listed above; other students may be admitted with approval from the Dean of the School of Pharmacy. (ii) May not be offered if insufficient numbers of students enrol.

Key:
- S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods*; ND: not offered in 2019; NO (20XX): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; RP: Departmental permission required; P: Prerequisite; PC: Corequisite; RP: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).
- See page 108 for more information.
- Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

Notes:
- LT BSc(Hons): A supervised project involving original research and leading to the production of a dissertation.
- LT MSc: Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
- LT MClinPharm, MHealSc, MPharm, PGDipMLSc, PG DiplPharm, PG DiplHealSc, PG CertHealSc, MGP, MHPH, M TaxMed.
- LT BPharm(Hons): A supervised project involving original research and leading to the production of a research report.
- LT PGDipSci: Normally taken by students in the papers year for a Master's degree by papers and thesis.

Pharmacy
A supervised dissertation of up to 20,000 words presenting the results of an original study on a relevant topic in the student’s area of interest within pharmacy.

Note: Admission is subject to approval from the Dean of the School of Pharmacy.

Notes:

(i) Students must be New Zealand registered pharmacists who are registered in New Zealand and hold a current position involving patient care and have been awarded a Postgraduate Diploma in Clinical Pharmacy (or equivalent qualification).  
(ii) Although this is a distance learning paper, attendance at workshops and clinical skills centres will be required.

A practicum for prescribing, an experiential placement where the pharmacist develops experience in prescribing under the overarching guidance of a designated medical practitioner.

Notes:  
(i) PHIL 222 is the recommended prerequisite.  
(ii) May not be credited together with PHIL 458 passed before 2011.

We have free-will! How are our minds related to our bodies? Can one prove that God exists? And other questions about what exists in the world.

The ideas of reason, truth and argument. What are the limits of argument? Common fallacies of reasoning.

The central issues in the philosophy of Descartes and its subsequent impact on the philosophy of Spinoza and Leibniz.


Examines the chief historical episodes that led to modern science. Case studies include the Copernican Revolution, the Chemical Revolution, and the Darwinian Revolution.

From 1790 to the present day. Themes from the thought of Bertrand Russell: the basis of modern analytic philosophy. How is change possible?

Philosophy

PHIL 101 Mind and Reality

Do we have free-will? How are our minds related to our bodies? Can one prove that God exists? And other questions about what exists in the world.

PHIL 105 Critical Thinking


PHIL 106 Radical Philosophy

Radical ideas about the human condition, relativism, freedom, the death of God, nihilism, authenticity, existentialism, feminism, and modernity. Authors studied include Nietzsche, Sartre, Irigaray, and Žižek.

PHIL 236 An Introduction to the Philosophy of Language

An introduction to central figures and issues in the philosophy of language, including Frege, Russell, Moore, Ayer and Quine.

PHIL 239 Bertrand Russell: Ethics, Logic, Pluralism and Truth

Themes from the thought of Bertrand Russell: the basis of ethics, truth, reality, the foundations of mathematics, the external world, logic, paradox, democracy, capitalism, socialism, communism, war and peace.

PHIL 240 Epistemology: The Theory of Knowledge

What is knowledge? Can we know anything? How could we know what we think we know? When is a belief justified? These are the questions addressed in this paper.

PHIL 312 Advanced Formal Logic

Advanced applications of first-order logic. The logical structure of theories, including formal number theory. Proof of the completeness of first-order logic (every provable in it is valid and everything valid in it is provable).

PHIL 314 Themes from Hume


PHIL 323 Metaphysical Questions

Investigations into the nature and structure of existence. What sorts of things are there? What are possible worlds? How is change possible?

PHIL 329 Reason, Belief and the Sacred

What is religion? How do religious people think? Where do their ideas come from? Are any of them true? These and other questions are addressed.

PHIL 331 Early Modern Philosophy: Descartes, Spinoza, Leibniz

The central issues in the philosophy of Descartes and its subsequent impact on the philosophy of Spinoza and Leibniz.

PHIL 341 Philosophy of Mind and Language

The foundation and development of modern philosophy of mind and language in the second half of the nineteenth century, and the radical effects these developments have had on modern analytic philosophy.

PHIL 344 Are There Moral Facts?

Are there objective moral facts, or should we embrace moral nihilism or moral relativism? Examination of classic answers to this question developed in 20th- and 21st-century philosophy.

PHIL 351 Early Modern Philosophy: Descartes, Spinoza, Leibniz

The central issues in the philosophy of Descartes and its subsequent impact on the philosophy of Spinoza and Leibniz.
PHIL 332 Early Modern Philosophy B: Locke, Berkeley, Hume
NO (2021) 0.15 EFTS OL, OC 18 points
The central issues in the philosophy of Locke and its subsequent impact on the philosophy of Berkeley and Hume.
P One 200-level PHIL paper
R PHIL 201, 220, 232, 320
SC Arts and Music

PHIL 333 Philosophy of Mind and Language
NO (2021) 0.15 EFTS OL, OC 18 points
The foundation and development of modern philosophy of mind and language in the second half of the twentieth century, and the radical effects these developments have had on modern analytic philosophy.
P One 200-level PHIL paper
R PHIL 224, 233, 311, 306, 324
SC Arts and Music

PHIL 334 Philosophy of Biology
NO (2021) 0.15 EFTS OL, OC 18 points
The philosophy of the life sciences. Topics include the role of the concept of information in evolution, the role of genetic information and alternatives to it, problems in the practice of adaptive explanation, theoretical and moral issues surrounding nature conservation and genetic modification.
P One 200-level PHIL paper
R PHIL 405
SC Arts and Music, Science

PHIL 335 Why Be Moral?
NO (2021) 0.15 EFTS OL, OC 18 points
This course explores the ‘Why Be Moral?’ question in Philosophy and Literature through the work of Plato, Wilde, Dostoevsky, Laclos and Shakespeare.
P One 200-level PHIL, CLAS, GREK or LATN paper
R PHIL 409
SC Arts and Music

PHIL 336 An Introduction to the Philosophy of Language (Advanced)
NO (2021) 0.15 EFTS OL, OC 18 points
An introduction to the foundational works in the philosophical study of language, including Frege and Russell on sense and reference, logical positivism, Moore on moral language, and Quine on analyticity.
P One 200-level PHIL paper
R PHIL 236
SC Arts and Music

PHIL 338 Ethical Theory
NO (2021) 0.15 EFTS OL, OC 18 points
Philosophical ideals of the human good, and their role in morality, politics, applied ethics, and literature.
P One 200-level PHIL paper
R PHIL 311, 313
SC Arts and Music

PHIL 339 Bertrand Russell: Ethics, Logic, Pacifism and Truth (Advanced)
NO (2021) 0.15 EFTS OL, OC 18 points
Themes from the thought of Bertrand Russell: the basis of ethics, truth, reality, the foundations of mathematics, the concept of numbers, pacifism, democracy, capitalism, socialism, communism, war and peace.
P One 200-level PHIL paper
R PHIL 221, 239, 321
SC Arts and Music

PHIL 340 Epistemology: The Theory of Knowledge (Advanced)
NO (2021) 0.15 EFTS OL, OC 18 points
What is knowledge? Can we know anything? How could we know what we think we know? When is a belief justified? These are the questions addressed in this paper.
P One 200-level PHIL paper
R PHIL 102, 240
SC Arts and Music

PHIL 401 Advanced History of Philosophy
NO (2021) 0.1667 EFTS OL 20 points
A detailed study of a major 17th, 18th, or 19th century philosopher.
P PHIL 360 points at 200-level or above

PHIL 405 Philosophy of Biology
NO 0.1667 EFTS OL, OC 20 points
The philosophy of the life sciences. Topics include the role of genes in development and evolution, the concept of genetic information and alternatives to it, problems in the practice of adaptive explanation, theoretical and moral issues surrounding nature conservation and genetic modification.
P PHIL 360 points at 200-level or above
R PHIL 334

PHIL 406 Why Be Moral?
NO 0.1667 EFTS OL, OC 20 points
What is morality good for? And why should I do right if doing wrong would pay better? Plato, Laclos, Dostoevsky and Shakespeare help answer these questions.
P PHIL 360 points at 200-level or above
R PHIL 334

PHIL 409 Advanced Metaphysics
NO (2021) 0.1667 EFTS OL, OC 20 points
Metaphysical issues arising from the philosophy of time, including McGarraghy's argument for the unreality of time, the irreducibility of tensed belief, the asymmetry of emotional responses to past and future events, change and identity. Personal identity, four-dimensionalism and presentism.
P PHIL 360 points at 200-level or above
R PHIL 334

PHIL 414 Themes From Hume
NO 0.1667 EFTS OL, OC 20 points
P PHIL 360 points at 200-level or above
R PHIL 314

PHIL 415 Meaning and Metaphysics
NO 0.1667 EFTS OL, OC 20 points
P PHIL 360 points at 200-level or above
R PHIL 458

PHIL 416 Philosophy of Memory
NO (2021) 0.1667 EFTS OL, OC 20 points
Core themes in the philosophy of memory, including perspectives from the philosophy of mind, epistemology and ethics.
P One 300-level PHIL paper

PHIL 421 Philosophy of Memory
NO (2021) 0.1667 EFTS OL, OC 20 points
The basic logical apparatus required to think clearly about truth and the liar paradox.
P PHIL 360 points at 200-level or above

PHIL 425 Special Topical
NO 0.1667 EFTS OL, OC 20 points
A supervised research essay.
P PHIL 360 points at 200-level or above

PHIL 462 Special Topic: Philosophy of Mathematics
NO (2020) 0.1667 EFTS OL, OC 20 points

PHIL 480 Research Essay
ES 0.1667 EFTS OC, DP 20 points
A supervised research essay.

PHIL 490 Dissertation
FY 0.5 EFTS OC, DP 60 points
A supervised dissertation of 12,000-16,000 words on an approved topic.
P PHIL 490 points at 300-level or above
LT BA(Hons), PGDipArts

PHIL 590 Research Dissertation
N1, N2 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Philosophy, Politics and Economics

PHPE 201 Political Economy I: Method, Philosophy, Applications
S1 0.15 EFTS OL, OC 18 points
Core ideas of political economy from the early modern period to present day with applications to policy problems.
P (BSNS 104 or 113), ECON 112, one 100-level POLS paper, and one 100-level PHIL paper
SC Arts and Music, Commerce

PHPE 301 Research Essay
S2 0.15 EFTS OL, OC 18 points
Supervised research on an approved topic integrating the three disciplines of philosophy, politics and economics.
P PHPE 201
SC Arts and Music, Commerce

Physical Activity and Health

See Physical Education programme requirements (page 68).

Physical Education

Note for PHSE 500-501:
Other postgraduate students who have not passed the normal prerequisite may be admitted with approval from the Dean of the School of Physical Education, Sport and Exercise Sciences.

PHSE 500 Advanced Exercise Metabolism
S1 0.1667 EFTS OL, OC 20 points
An advanced paper extending the principles of exercise physiology and biochemistry, with independent topical study. Focuses on human energetics and the metabolic pathways in which substrates are made available and utilized during exercise.
P One of PHSE 203, BIOC 211, 212, 213, 221, 222, 223
R PHSE 301
LT BPhEd(Hons), PGCertAppSc, PGDipAppSc,
PGDipDO, PGdipPE, MApSc, MAppEd, MPhEd

Prescriptions

Key:
S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods*; NO: not offered in 2019; NO (20XX): not offered, expected to be offered in the year noted; OL: Paper supported by online learning management system; OC: Paper is available on campus; DL: Paper is available by Distance Learning; DP: Departmental permission required; P: Pre-requisite; C: Corequisite; PC: Prerequisite or corequisite; R: Restriction; LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).
See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
PHSE 501 Advanced Topics in Exercise Physiology
S2 0.1667 EFTS OL, OC 20 points
An advanced course in exercise physiology with independent topical study. Extending the physiological principles of exercise and training adaptation, built upon knowledge of metabolic requirements of exercise.
P PHSE 301 R PHSE 401
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSc, MAppSt, MAppEd
Note: The prerequisite PHSE 301 may be substituted with 36 approved 200-level PHES papers.

PHSE 502 Movement and Performance Analysis in Sport
S1 0.1667 EFTS OL, OC 20 points
A mainly (but not entirely) qualitative approach to evaluating and improving sports performance using biomechanical and performance analysis, with a strong focus on intra- and inter-performer movement coordination.
P PHSE 202 R PHSE 302
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 503 Biomechanics of Sports Injury
S1 0.1667 EFTS OL, OC 20 points
Provides a background to the biomechanical reasons why injuries occur in sport, specifically relating to the biological property of tissues and the estimation of forces in biological structures.
P PHSE 202 R PHSE 203
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 504 Motor Control
NO 0.1667 EFTS OL, OC 20 points
A study of the processes underlying the learning, regulation and control of movement. Students will be expected to attain a higher level of understanding of motor processes than in PHSE 304.
P PHSE 202, 203 R PHSE 304
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 505 Lifespan Human Development
S1 0.1667 EFTS OL, OC 20 points
An examination of human growth and development from various theoretical perspectives. Emphases will be placed on appreciation of atypical development from the knowledge of typical development and application of theoretical understanding to an individual student’s own development.
P PHSE 202, 203 R PHSE 305
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 506 Developmental Motor Disorders
NO 0.1667 EFTS OL, OC 20 points
An overview of prevalent developmental motor disorders. Assessment and teaching of children with these disorders at the Movement Development Clinic.
P PHSE 202, 203 R PHSE 306
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 507 Disability Case Study Research
NO 0.1667 EFTS OL, OC 20 points
Theory and practice of case study research as an empirical inquiry. Students conduct a pilot study with children at school, workplace and community settings.
P PHSE 202, 203 R PHSE 307
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 508 Exercise and Cancer Recovery
S1 0.1667 EFTS OL, OC, DP 20 points
An introduction to the effects cancer has on physiological systems relevant to exercise programming. Students will also be introduced to exercise testing and exercise prescription for individuals with cancer.
P PHSE 311 R PHSE 408
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 509 Cardiac Rehabilitation
S1 0.1667 EFTS OL, OC, DP 20 points
Explores fundamentals of cardiac rehabilitation and clinical exercise physiology.
P PHSE 311, 315 R PHSE 441
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 510 Athletic Injuries
NO 0.1667 EFTS OL, OC 20 points
The identification and understanding of risk factors associated with the most common injuries in sport and the application of that knowledge to develop strategies for injury prevention and rehabilitation.
P PHSE 202, 203 R PHSE 310
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 511 Medical Aspects of Exercise and Physical Activity
S1 0.1667 EFTS OL, OC 20 points
An overview of the physiological changes that occur with age, obesity, and medical conditions, and the impact these changes have on exercise prescription.
P PHSE 202, 203 R PHSE 311
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd
RC One 200-level BIOC or PHSL paper

PHSE 512 Prescription of Physical Activity
S2 0.1667 EFTS OL, OC, DP 20 points
A study of the process of prescribing physical activity and/or exercise for all sectors of the population.
R PHSE 312
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 513 Exercise Prescription Practicum
NO 0.1667 EFTS OL, OC, DP 20 points
Reflective learning through an exercise prescription fieldwork placement.
P PHSE 311, 312 R PHSE 313
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 515 Physical Activity and Health
S1 0.1667 EFTS OL, OC 20 points
Exploring health benefits of physical activity, exercise prescription for lifespan and in individuals with chronic medical conditions, and physical activity initiatives in the school, workplace and community settings.
P PHSE 203 R PHSE 315
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 516 Adventure, Environment and Society
S2 0.1667 EFTS OL, OC 20 points
An examination of human and environmental relationships in outdoor and adventure education in society. Students will explore their personal connections with nature through the literature and in a residential camp setting.
P PHSE 327, 328 R PHSE 416
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 520 Akoranga Whakakori: Māori Physical Activity and Health
S2 0.1667 EFTS OL, OC 20 points
An introduction to the social and educational significance of physical activity from a Māori perspective.
P PHSE 104 or MAOR 102 R PHSE 320
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 522 Sport, Leisure and Social Theory
S2 0.1667 EFTS OL, OC 20 points
Critical examination of the utility of selected social and cultural theories and theorists for explaining sporting and leisure life.
P PHSE 204, 206 R PHSE 423
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd
Note: Approval from the Dean of the School of Physical Education, Sport and Exercise Sciences is required for non-BPhEd students.

PHSE 524 Sport, Media and Culture
S2 0.1667 EFTS OL, OC 20 points
A critical examination of the interrelationship between sport, media, and culture.
P PHSE 338 R PHSE 424
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd
Note: Other postgraduate students who have not met the normal entry requirements may be admitted with approval from the Dean of the School of Physical Education, Sport and Exercise Sciences.

PHSE 529 Topics in Advanced Physical Education
ES, FY 0.1667 EFTS OL, OC, DP 20 points
Details are available from the School of Physical Education.
P One 300-level PHSE paper
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd
Note: Enrolment in this paper requires departmental permission.

PHSE 530 Critical Aspects of Sport Management
S2 0.1667 EFTS OL, OC 20 points
An analysis of sport management, using the application of critical theory to develop practice. There will be an opportunity to examine, discuss, and critique contemporary sport management issues.
P PHSE 339 or 340 R PHSE 430
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 531 Sports Technology
S2 0.1667 EFTS OL, OC 20 points
Extends the principles of sports technology at an advanced level, with independent topical study. Considers how various applications of technology have influenced sport and physical activity.
P PHSE 202 R PHSE 329
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd
Note: Students with equivalent approved experience may be admitted with approval from the Dean of the School of Physical Education, Sport and Exercise Sciences.

PHSE 534 Advanced Sport Psychology
S1 0.1667 EFTS OL, OC 20 points
An in-depth examination of the role that sociopsychological variables play in participation and performance in sport, and psychological development via sports participation.
P PHSE 205 R PHSE 334
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd

PHSE 535 Applied Sport Psychology
S2 0.1667 EFTS OL, OC 20 points
An examination of the philosophy and practice of sport psychology interventions in sport and physical activity. The theoretical and research basis of sport psychology interventions will also be examined.
P PHSE 334 R PHSE 335
LT BPhEd(Hons), PGDipOE, PGDipPE, MAppSt, MAppEd
Exercise Psychology

S2 0.1667 EFTS OL, OC 20 points
An examination of how psychological factors can affect participation in exercise and physical activity, and how exercise and physical activity can influence psychological parameters and health outcomes.

P PHSE 334
R PHSE 336
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd

Body, Culture and Society

S1 0.1667 EFTS OL, OC 20 points
The sociocultural analysis of the social construction, control and expression of the body in the context of physical activity.

P PHSE 204, 206
R PHSE 377
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd
Note: 54 approved 200-level points may be substituted for the PHSE 204 and 206 prerequisites.

Advanced Sociology of Sport

S1 0.1667 EFTS OL, OC 20 points
Advanced study of sociological theories, methods and research related to sport.

P PHSE 206
R PHSE 338
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd

Sport Management and Strategy

S1 0.1667 EFTS OL, OC 20 points
An examination of the principles of management and public administration considered important to New Zealand sport organisations.

PC PHSE 399
R PHSE 340
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd

Sports Coaching

S1 0.1667 EFTS OL, OC 20 points
A study of coach and player behaviour and effective coaching strategies.

P PHSE 205, 206
R PHSE 330
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd

Teaching Physical Education and Health

S2 0.1667 EFTS OL, OC 20 points
A critical examination of teaching, learning and curriculum in school-based physical education and health.

R PHSE 232
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd

Research and Issues in Outdoor Education

NO 0.1667 EFTS OL, OC, DP 20 points
Outdoor education encompasses a broad range of environments, theories and applications. This paper explores research and issues in outdoor education. Students will engage the literature relevant to their academic interests.

R PHSE 415
LT BPhEd(Hons), PGDipOEd, PGDipPE, MDanceSt, MPhEd
Note: 36 approved 300-level points required.

Issues in Physical Education and Health

S2 0.1667 EFTS OL, OC 20 points
A seminar course on contemporary issues in physical education and health.

S2 0.1667 EFTS OL, OC, DP 20 points
A supervised project involving research and leading to the production of a research report.

P PHSE 580 Research Project
R PHSE 581 Research Design and Analysis

Fundamentals of Physics I

S1 0.15 EFTS OL, OC 18 points
The development of physical law from Newton to the revolutionary ideas of quantum physics formulated by Planck, Schrödinger, Heisenberg, Bohr and Einstein. The physics of the real world: motion, energy and its transfer, and an introduction to the quantum mechanical nature of light and matter. Applications of the principles of physics to a technological society.

R PHSI 110, 111
SC Science
Note: (i) It is recommended that students enrolling for PHSI 110 have a background in NCEA Level 3 Physics and Mathematics (or equivalent). (ii) Students with excellent results in NCEA Level 3 Physics (or equivalent) are advised to contact the departmental course adviser about substituting PHSI 243 or ELEC 253 for PHSI 131.

Fundamentals of Physics II

S2 0.15 EFTS OL, OC 18 points
The physics of modern technology. Foundations of electromagnetism and electronic circuits, applications of geometrical and wave optics, properties of materials, and thermal physics.

SC Science
Note: It is recommended that students enrolling for PHSI 132 have a background in NCEA Level 3 Physics and Mathematics (or equivalent).

Sun, Earth and Universe

SS, S1 0.15 EFTS OL, OC, DP 18 points
This non-advancing paper progresses in a largely descriptive way through the essentials of our understandings of the Sun-Earth system, and its place in the wider Universe. Lecture topics include ancient and classical astronomy, stellar evolution, black holes, cosmology, and the exploration of the solar system. The importance of historical aspects and the progressive development of ideas is emphasised, with a minimum of mathematics.

SC Science

Biological Physics

SS, S1 0.15 EFTS OL, OC 18 points
Foundations of physics for the health sciences including mechanics, properties of fluids and solids, thermodynamics, optics, electrotechnics and DC circuits, and radiation and heat.

R PHSI 110, 131
SC Science
Note: (i) It is strongly recommended that students enrolling in PHSI 191 have achieved the externally examined Achievement Standards for NCEA Level 3 Physics. (ii) PHSI 191 may be taken at the 2019 Summer School only by students who passed the laboratory assessment for PHSI 191 in 2018, but failed the paper overall.

P PHSI 191
Prescriptions

PHSI 231 Quantum and Thermal Physics
S1 0.15 EFTS OL, OC 18 points
Introduction to the fundamental microscopic and macroscopic theories of matter. Quantum physics: wave-particle duality, the uncertainty principle, the measurement problem. Thermodynamics, principles of statistical mechanics. Classical mechanics.
P One of PHSI 110, 131, 132, 191, and (MATH 160 or 170)
R PHSI 251
SC Science
Notes: (i) It is strongly recommended that students taking PHSI 231 or PHSI 232 have passed MATH 170 or are enrolled in MATH 170 and have a B grade or better in MATH 160. (ii) Students without the Mathematics background recommended for PHSI 231 may still be admitted to the paper. To do this, apply for Special Permission at the Review and Submit stage of paper selection.

PHSI 232 Electromagnetism and Optics
S2 0.15 EFTS OL, OC 18 points
Classical electromagnet theory is developed in terms of Maxwell's equations, and applied to the description of dielectric and magnetic materials. The wave theory of optics, originating from electromagnetism, is explored with examples including interference, diffraction and coherence.
P PHSI 132 and (MATH 160 or MATH 170)
R PHSI 262
RP MATH 170
SP Science
Notes: It is strongly recommended that students taking PHSI 231 or 232 have passed MATH 170 or are enrolled in MATH 170 and have a B grade or better in MATH 160.

PHSI 243 Environmental Physics
S1 0.15 EFTS OL, OC 18 points
Basic physical processes of the Sun, the atmosphere, the oceans and the Earth. The green-house effect and the role of greenhouse gases. Opportunities for mitigation including new energy technologies.
P One of PHSI 110, 131, 132, 191
PC MATH 160 or 170
SC Science

PHSI 282 Experimental Physics I
S2 0.15 EFTS OL, OC 18 points
Students will perform experiments that explore key principles in physics relating to both natural phenomena and modern technology. Provides a foundation in laboratory methods, including experimental design, modern measurement techniques, and data analysis.
P One of PHSI 110, 131, 132, 191 and (MATH 160 or 170)
SC Science

PHSI 307-308 Special Topics
ES 0.15 EFTS OL, OC 18 points each
SP Science

PHSI 331 Quantum, Atomic and Particle Physics
S1 0.15 EFTS OL, OC 18 points
P MATH 170, PHSI 231
RP MATH 202
SC Science

PHSI 332 Electromagnetism and Condensed Matter
S2 0.15 EFTS OL, OC 18 points
Physics of electromagnetic waves: energy flow, propagation through interfaces, dielectrics, conductors and plasma. Applications of the principles of quantum, thermal, electromagnetic and optical physics to solidstate systems.
P MATH 170, PHSI 232
SC Science

PHSI 336 Mathematical Physics
S2 0.15 EFTS OL, OC 18 points
Techniques and applications of classical mechanics: calculus of variations, Lagrangian and Hamiltonian formulations. The special theory of relativity with application in relativistic mechanics. Cosmology.
P MATH 203 and 36 200-level PHSI or MATH points
R PHSI 334, MATH 374
RP (PHSI 231 and 232) and (MATH 262 or COMO 204)
SC Science

PHSI 365 Computational Physics
S1 0.15 EFTS OL, OC 18 points
P (3 200-level PHSI points or (18 200-level PHSI points and 18 200-level MATH points)) and MATH 170
SC Science

PHSI 381 Experimental Physics II
S1 0.15 EFTS OL, OC 18 points
Following on from PHSI 282, research-style experimental projects that explore key physical principles in physics relating to both natural phenomena and modern technology.
P PHSI 282
SC Science

PHSI 421 Statistical Mechanics
S1 0.0833 EFTS OL, OC 10 points
Advanced thermodynamics; equilibrium theory of phase transitions; statistical mechanics of fluids. Use of computer methods to simulate physical systems.
LT BSc(Hons), PGdipSci, MSc

PHSI 422 Upper Atmospheric and Space Physics
S2 0.0833 EFTS OL, OC 10 points
Upper atmospheric, space, solar, interstellar, plasma dynamics including single particle motion in a spatially varying magnetic field, collision effects, plasma waves: propagation and amplification, cyclotron wave modes.
LT BSc(Hons), PGdipSci, MSc

PHSI 423 Advanced Quantum Mechanics I
S2 0.0833 EFTS OL, OC 10 points
Operator methods; second quantisation, quantising the EM-field; atom–light interactions; open quantum systems; spontaneous emission; quantum beam splitter; squeezing; scattering theory; contact interactions; Bose–Einstein condensation; trapped condensates; quantum vortices; Bogoliubov theory.
P PHSI 423
LT BSc(Hons), PGdipSci, MSc

PHSI 424 Advanced Quantum Mechanics II
S2 0.0833 EFTS OL, OC 10 points
Density operators; second quantisation, quantising the EM-field; atom–light interactions; open quantum systems; spontaneous emission; quantum beam splitter; squeezing; scattering theory; contact interactions; Bose–Einstein condensation; trapped condensates; quantum vortices; Bogoliubov theory.
LT BSc(Hons), PGdipSci, MSc

PHSI 425 Advanced Electromagnetism
S2 0.0833 EFTS OL, OC 10 points
Electromagnetic potentials, mechanical properties of the electromagnetic field and their conservation laws, the Maxwell stress tensor, electromagnetic gauges, retarded potentials, Lorentz–Weichert potentials, fields of accelerating charges and radiation.
LT BSc(Hons), PGdipSci, MSc

PHSI 426 Fluids, Instability and Transport Phenomena
S2 0.0833 EFTS OL, OC 10 points
Navier–Stokes equation; energy, momentum and mass flow; dynamic similarity and non–dimensionalisation; flow of ideal fluids, spatial and time scales; boundary layer flow, instabilities and waves, introduction to turbulence and transport.
LT BSc(Hons), PGdipSci, MSc

PHSI 437-438 Topics in Advanced Physics
ES 0.0833 EFTS OL, OC 10 points each
Information on the topics available can be found at physics.otago.ac.nz

PHSI 480 Research Project
ES, FY 0.3333 EFTS OL, OC 40 points
A supervised project involving research and leading to the production of a research paper.
R PHSI 481
LT MSc, PGdipSci

PHSI 490 Dissertation
FY 0.5 EFTS OL, OC 60 points
A supervised project involving original research and leading to the production of a dissertation.
LT BSc(Hons)

PHSI 101 Physiology for Sport and Exercise
S2 0.15 EFTS OL, OC 18 points
An introduction to the function of the musculoskeletal, nervous, cardiovascular, blood, respiratory, endocrine, gastrointestinal, immune, and reproductive systems of the human body.
R HUBS 191, 192, PHSE 191, 192, PHSI 200-level papers
RP ANAT 101
Notes: (i) This paper is intended for students taking the Physical Education, Activity and Health, Exercise and Sport Science; or Sports Development and Management major subjects. (ii) May not be used to progress to the Physiology major or minor subject for BSc. (iii) May not be taken concurrently with or after having passed any 200-level PHSI paper.

PHSI 231 Neurophysiology
S1 0.15 EFTS OL, OC 18 points
The mechanisms by which the nervous system integrates sensory information from the environment and co-ordinates the body’s responses at whole organism, cellular and molecular levels.
P HUBS 191 and three of BIOC 192, (BIOC 112 or HUBS 192), CELS 191, CHEM 191, PHSI 191
R PHSI 251, PHCY 251, PHTY 251, MELS 251
SC Science

PHSI 232 Cardiovascular and Respiratory Physiology
S2 0.15 EFTS OL, OC 18 points
An exploration of cardiovascular and respiratory function and integration. Examples taken from health and disease (exercise, cardiovascular/hung disease and sleep apnoea) to illustrate the principles of function and integration.
P HUBS 191, 192 and two of BIOC 192, CELS 191, CHEM 191, PHSI 191
R PHSI 251, PHCY 251, PHTY 251, MELS 251
RP PHSI 231
SC Science

PHSI 233 Cellular, Gastrointestinal and Renal Physiology
S2 0.15 EFTS OL, OC 18 points
The epithelial and integrative functions of the gastrointestinal and renal systems of the human body will be examined at the cellular and molecular levels. Examples of pathophysiological conditions will be highlighted.
P HUBS 191, 192 and two of BIOC 192, CELS 191, CHEM 191, PHSI 191
R PHSI 251, PHCY 251, PHTY 251, MELS 251
RP PHSI 231
SC Science

PHSI 251 Physiology (for Human Nutrition/ Dietetics)
S1 0.175 EFTS OL, OC 21 points
Further examination of the function of major organ systems of the human body, with relevance to the practice of human nutrition and dietetics.
P HUBS 191, 192 and two of BIOC 192, CELS 191, CHEM 191, PHSI 191
R (PHSI 231, 232, 233, PHTY 251, MELS 251, PHCY 251)
SC Science
Notes: Only available to students majoring in Human Nutrition.

PHSI 341 Molecular, Cellular and Integrative Neurophysiology (I)
S1 0.15 EFTS OL, OC 18 points
Current research in neurophysiology at the molecular, cellular and systems levels. Themes may vary from year to year and are distinct from those in PHSI 342.
P PHSI 231
SC Science

PHSI 342 Molecular, Cellular and Integrative Neurophysiology (II)
S1 0.15 EFTS OL, OC 18 points
Current research in neurophysiology at the molecular, cellular and systems levels. Themes may vary from year to year and are distinct from those in PHSI 341.
P PHSI 231
SC Science
Physiotherapy

PHSL 343 Cellular and Epithelial Physiology
S2 0.15 EFTS OL, OC 18 points
The cellular and molecular basis of the mechanisms and regulation of epithelial transport and the effect of representative diseases on these processes.
L PHSL 233
SC Science

PHSL 344 Cardiovascular Physiology
S2 0.15 EFTS OL, OC 18 points
The cardiovascular system during health and disease at molecular, cellular and system levels. Themes are based on research areas of teaching staff.
L PHSL 232
SC Science

PHSL 345 Physiological Aspects of Health and Disease
S1 0.15 EFTS OL, OC 18 points
The application of knowledge about human molecular, cellular and systems physiology in understanding physiology and pathophysiology of the human body.
L PHSL 232, 233
SC Science

PHSL 471 Systematic Physiology
FY 0.1667 EFTS OL, OP 20 points
A seminar series exploring research frontiers in systems and integrative physiology through the study of contemporary papers from the scientific literature in each topic area.

PHSL 472 Neurophysiology
FY 0.1667 EFTS OL, OP 20 points
A seminar series exploring research frontiers in neurophysiology through the study of contemporary papers from the scientific literature in each topic area.

PHSL 473 Cellular Physiology
FY 0.1667 EFTS OL, OP 20 points
A seminar series exploring research frontiers in cellular physiology through the study of contemporary papers from the scientific literature in each topic area.

PHSL 474 Research Topics
FY 0.1667 EFTS OL, OP 20 points
A progressive and guided writing and literature survey exercise in areas of physiology that form the background to work undertaken in the research project.

PHSL 480 Research Project
FY 0.3333 EFTS OL, OC 40 points
A supervised laboratory project involving original research and leading to the production of a research report.

LT PGDipSci

PHSL 490 Dissertation
FY 0.5 EFTS OL, OC 60 points
A supervised project involving original research and leading to the production of a dissertation.

LT BSc(Hons), PGDipSci

PHSL 495 Master’s Thesis Preparation
FY 0.3333 EFTS OL, OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.

LT MSc

PHYT 250 Pharmacology (for BPhyt)
S2 0.095 EFTS OL, OC 12 points
Diagnosis and principles of management of medical and surgical conditions relevant to physiotherapy. Drug action and administration. Drugs used to treat common medical conditions, particularly those managed by physiotherapists.
R PHAL 211, 212
LT BPhyt

PHYT 254 Physiotherapy Rehabilitation Science 1
FY 0.38 EFTS OL, OC 48 points
Application and integration of the principles of biological, social and medical sciences and evidence-informed practice to the introductory skills of musculoskeletal, neurological and cardiopulmonary physiotherapy rehabilitation.
LT BPhyt

PHYT 255 Physiotherapy Clinical Practice 1
FY 0.1333 EFTS OL, OC 17 points
An evidence-based approach to professional practice where students are introduced to the integration of theory and practice with an emphasis on professional, ethical, cultural and legislative issues.
LT BPhyt

PHYT 353 Pathology (for BPhyt)
S1 0.125 EFTS OL, OC 15 points
The study and understanding of the principal pathological processes likely to be encountered in physiotherapy practice.
LT BPhyt

PHYT 354 Physiotherapy Rehabilitation Science 2
FY 0.5833 EFTS OL, OC 70 points
Application and integration of the principles of biological, social and medical sciences and evidence-informed practice to the skills required for musculoskeletal, neurological and cardiopulmonary physiotherapy rehabilitation at an advanced level.
LT BPhyt

PHYT 355 Physiotherapy Clinical Practice 2
FY 0.2917 EFTS OL, OC 35 points
An evidence-based approach to professional practice where students integrate theory and practice with an emphasis on professional, ethical, management and legislative issues.
LT BPhyt

PHYT 455 Physiotherapy Clinical Practice 3
FY 0.2 EFTS OL, OC 24 points
An evidence-based approach to professional practice where students integrate theory and practice with an emphasis on physiotherapy management in the musculoskeletal setting.
LT BPhyt
L Dunedin, Wellington, Christchurch

PHYT 456 Physiotherapy Clinical Practice 4
FY 0.2 EFTS OL, OC 24 points
An evidence-based approach to professional practice where students integrate theory and practice with an emphasis on physiotherapy management in the neurorehabilitation setting.
LT BPhyt
L Dunedin, Wellington, Christchurch

PHYT 457 Physiotherapy Clinical Practice 5
FY 0.2 EFTS OL, OC 24 points
An evidence-based approach to professional practice where students integrate theory and practice with an emphasis on physiotherapy management in the cardiopulmonary/tertiary care setting.
LT BPhyt
L Dunedin, Wellington, Christchurch

PHYT 458 Physiotherapy Clinical Practice 6
FY 0.2 EFTS OL, OC 24 points
An evidence-based approach to professional practice where students integrate theory and practice with an emphasis on physiotherapy management in the community/primary care setting.
LT BPhyt
L Dunedin, Wellington, Christchurch

PHYT 469 Research for Honours
FY 0.25 EFTS OL, OC 30 points
An original piece of scientific enquiry relevant to physiotherapy featuring recognised research methodologies and presented at a level suitable for submission to an international peer reviewed journal.
LT BPhyt(Hons)

PHYT 501 Biomedical Science in Physiotherapy
S1, FY, N1 0.25 EFTS OL, OC 30 points
An integrated approach to professional practice based on research informed learning in core areas of care, rehabilitation and community environments and physiotherapy management. Students will study topics appropriate to their clinical specialisation.
R PhTX 501
M PhyPhy, PGCertPhy, PGDipPhy

PHYT 530 Theoretical Constructs in Clinical Practice
FY 0.25 EFTS OL, OC 30 points
Practical level of knowledge, competence and skill in neurorehabilitation for practising physiotherapists.
R PhTX 535
M PhyPhy, PGCertPhy, PGDipPhy

PHYT 539 Occupational Health Physiotherapy
S1 0.25 EFTS OL, OC 30 points
This paper is intended to provide practising physiotherapists with specific knowledge and skills to apply in occupational health practice, and includes the assessment, management, prevention and treatment of work-related musculoskeletal disorders, and the role of government regulatory bodies and statutory authorities in occupational health practice.
R PhTX 539
M PhyPhy, PGCertPhy, PGDipPhy

PHYT 542 Sports Physiotherapy
S2 0.25 EFTS OL, OC, DL 30 points
Advanced study of clinical theory and practice in sports physiotherapy. This includes elements of injury mechanisms, principles of injury prevention, diagnosis, treatment and rehabilitation principles integrated with the clinical reasoning process.
R PhTX 542
M PhyPhy, PGCertPhy, PGDipPhy, PGDipSEM

PHYT 543 Orthopaedic Manipulative Therapy
S2 0.25 EFTS OL, OC, DL 30 points
Advanced study of clinical theory and practice in all elements of orthopaedic manipulative therapy.
R PhTX 541, PhTX 541, 543
M PhyPhy, PGCertPhy, PGDipPhy

PHYT 545 Advanced Studies in Physiotherapy
ES 0.25 EFTS OL, OC 30 points
Study of clinical theory and practice in a specific area of physiotherapy.
M PhyPhy, PGDipPhy
Prescriptions

**Plant Biotechnology**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credit Hours</th>
<th>University</th>
<th>Description</th>
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<tbody>
<tr>
<td>PLBI 401</td>
<td>Frontiers in Plant Biotechnology</td>
<td>FY</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
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<td>PLBI 403</td>
<td>Research Perspectives in Plant Biotechnology</td>
<td>FY</td>
<td>0.15 EFTS</td>
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**Politics**

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<tr>
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<th>Level</th>
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<tbody>
<tr>
<td>POLS 101</td>
<td>Political Philosophy - Basic Problems</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
<td>18 points</td>
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<tr>
<td>POLS 102</td>
<td>New Zealand Politics - Introduction</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
<td>18 points</td>
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<td>POLS 104</td>
<td>International Relations - Introduction</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
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<td>POLS 105</td>
<td>Comparative Politics - Introduction</td>
<td>S1</td>
<td>0.15 EFTS</td>
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**Planning Studies**

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<tr>
<td>PLAN 411</td>
<td>Planning Theory</td>
<td>S2</td>
<td>0.1667 EFTS</td>
<td>OL, OC</td>
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<td>PLAN 412</td>
<td>Spatial Planning and Development</td>
<td>S2</td>
<td>0.1667 EFTS</td>
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<td>PLAN 435</td>
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<td>FY</td>
<td>0.1667 EFTS</td>
<td>OL, OC</td>
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<td>FY</td>
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<td>Frontiers in Plant Biotechnology</td>
<td>FY</td>
<td>0.1667 EFTS</td>
<td>OL, OC</td>
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<td>PLBI 301</td>
<td>Applied Plant Science</td>
<td>S1</td>
<td>0.15 EFTS</td>
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<td>PHTY 401</td>
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<tr>
<td>POLS 102</td>
<td>New Zealand Politics - Introduction</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
<td>18 points</td>
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<td>POLS 104</td>
<td>International Relations - Introduction</td>
<td>S2</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
<td>18 points</td>
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<tr>
<td>POLS 105</td>
<td>Comparative Politics - Introduction</td>
<td>S1</td>
<td>0.15 EFTS</td>
<td>OL, OC</td>
<td>18 points</td>
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**Prescriptions**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Level</th>
<th>Credit Hours</th>
<th>University</th>
<th>Description</th>
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<tbody>
<tr>
<td>PHTY 410</td>
<td>Frontiers in Plant Biotechnology</td>
<td>FY</td>
<td>0.1667 EFTS</td>
<td>OL, OC</td>
<td>20 points</td>
</tr>
<tr>
<td>PHTY 401</td>
<td>Research Project</td>
<td>FY</td>
<td>0.3333 EFTS</td>
<td>OL</td>
<td>40 points</td>
</tr>
</tbody>
</table>
POLS 250 International Security in a Globalising World
S2 0.15 EFTS OL, OC 18 points
A conceptual overview of security, the changing global context, traditional and non-traditional security issues, the management of international security issues, and the future of global security.

POLS 301 Power and Liberty
NO 0.15 EFTS OL, OC 18 points
An introduction to the complex and contested nature of the concept of power, and the different ways in which power shapes and constrains human liberty. A variety of theories and thinkers will be considered, drawing from the ancient, modern, and contemporary periods in the history of ideas.

POLS 310 The Good Society and the Market (Advanced)
S1 0.15 EFTS OL, OC 18 points
Options for giving political expression to the good and satisfying demands through the market. How humane ideals, political prudence and economics are necessary to create a just world.

POLS 319 Treaty Politics
NO 0.15 EFTS OL, OC 18 points
Examines fundamental and topical Treaty of Waitangi issues. Includes analysis of the Treaty Settlement process, investigation of the partners ‘Crown’ and Maori; and considers the implications of constitutional reforms for Maori.

POLS 320 Pacific Geopolitics in the 21st Century
NO 0.15 EFTS OL, OC 18 points
Critically examines philosophical and practical underpinnings of Pacific Island political systems, and compares these with nation-state and democratic theory. Also compares and contrasts different Pacific Island country political systems.

POLS 321 Government and Public Policy
NO 0.15 EFTS OL, OC 18 points
Examines theories and descriptions of how and why governments make and implement policy decisions, with special reference to New Zealand.

POLS 322 Politics and Human Nature
NO 0.15 EFTS OL, OC 18 points
A critical survey of ideas about human nature in ancient to contemporary political thought, focusing on the West, and applications to contemporary debates and issues.

POLS 323 Marxism: Classical and Contemporary
S2 0.15 EFTS OL, OC 18 points
Major figures in classical and contemporary Marxism, criticisms of Marxism, and Marxist analysis of current issues including alienation, inequality, economic crisis, imperialism, war, climate change, media bias, and democracy.

POLS 402 Community, Culture and Rights
S2 0.1667 EFTS OL, OC 20 points
Debates over the relationship between difference, cultural membership, and individual and collective rights in contemporary political theory that have arisen due to the increasing multicultural dimension of modern states.

POLS 510 Community, Culture and Rights
S2 0.25 EFTS OL, OC 30 points
Debates over the relationship between difference, cultural membership, and individual and collective rights in contemporary political theory that have arisen due to the increasing multicultural dimension of modern states.

POLS 531 The Political: Theory and Practice
S1 0.25 EFTS OL, OC 30 points
An examination of the contested nature of the political and key methodological approaches to the study of politics both theoretically and in practice.

POLS 532 Government and Public Policy
S1 0.15 EFTS OL, OC 18 points
Examines theories and descriptions of how and why governments make and implement policy decisions, with special reference to New Zealand.
Prescriptions

The politics of class, gender, and ethnic inequality in New Zealand, with some comparative reference to the US and Europe.

R
POL 404
LT MPos

The basic theories and debates in the international relations theory literature. Theories covered include: liberalism, constructivism, Marxism.

LT MPos

The structure, process and context of contemporary primary health care in New Zealand. How to anticipate, plan for and evaluate future changes to the delivery of primary health care in one’s professional context. The development, progress and importance of interdisciplinary collaboration in the provision of primary health care; the strengths, weaknesses and interdependence of the ‘generalist’ and ‘specialist’ in the context of health care.

R
PRH 701
LT MPHc, PGCertGP, PGCertPHC, PGDipGP, PGDipPHC, PGDipRPH, MHealSc, PGDipHealSc
L Wellington
Note: Includes residential period(s).

Wilderness and Expedition Medicine

Overview of planning and preparation for activities including expeditions in wilderness environments. This includes medical problems associated with these environments and providing medical care in the outdoors.

LT PGCertPHC, PGCertTravMed, PGDipGP, PGDipPHC, PGDipRPH, PGDipTravMed, MHealSc, PGDipHealSc
Note: Includes residential period(s).

Project Management

An introduction to basic project management, including the four phases of projects (initiation/feasibility, planning, implementation and completion) and consideration of resources involved (i.e., people, money, equipment, time, machines, and materials). Contract law and contract management. Project management techniques. Methods of project delivery.

P 270 points
R PMAN 501, SURV 403
SC Science
Note: Further information contact the Dean of the School of Surveying.

Advanced Project Management

An introduction to basic project management, including the four phases of projects (initiation/feasibility, planning, implementation and completion) and consideration of resources involved (i.e., people, money, equipment, time, machines, and materials). Contract law and contract management. Project management techniques. Methods of project delivery.

R PMAN 401, SURV 403

Prosthodontics

Prosthetic rehabilitation of dentate and partially dentate arches using various types of fixed and removable prostheses.

LT PGDipClinDent

Psychological Medicine

A foundational introduction to human sexuality and its biological, psychological and social underpinnings, with a focus on health and wellbeing.

P 108 points
RP GEND 102
SC Arts and Music, Science

Addiction Assessment

A clinical paper addressing assessment, formulation, treatment planning and communicating clinical findings, in people with addiction and co-existing disorders.

R PMX 404
LT MHealSc, PGCertHealSc, PGDipHealSc
L Christchurch
Note: Students must have worked clinically for at least two years before commencing this paper, and at the time of study must be working clinically in a therapeutic setting.

Note: Students will require evidence of suitable clinical experience to be admitted to this paper.

Addiction Treatment

A companion paper to PMSE 404 addressing the clinical process of treatment and management of people with addiction and co-existing disorders, following assessment.

R PMX 422
LT MHealSc, PGCertHealSc, PGDipHealSc
L Christchurch
Note: Students must have worked clinically for at least two years before commencing this paper, and at the time of study must be working clinically in a therapeutic setting.

Addiction Pharmacotherapy

A clinical paper addressing the use of medications in the treatment and management of people with addiction and co-existing disorders, with a particular focus on opioid substitution treatment.

LT PMX 423
LT MHealSc, PGCertHealSc, PGDipHealSc
L Christchurch
Note: Students must have worked clinically for at least two years before commencing this paper, and at the time of study must be working clinically in a therapeutic setting.

Introduction to Interpersonal Psychotherapy

The principles and practice of interpersonal psychotherapy for depression. A critical understanding of the theory and development of this short-term interpersonal psychotherapy.

LT MHealSc, PGDipHealSc
Note: Candidates must possess an appropriate health professional qualification and have at least two years' postgraduate clinical experience.

Advanced Applications of Interpersonal Psychotherapy

Provides an understanding of the advanced use of interpersonal psychotherapy for depression and a critical understanding of how IPT has been developed for other disorders.

LT MHealSc, PGDipHealSc, PGCertHealSc
Note: Candidates must possess an appropriate health professional qualification and have at least two years' postgraduate clinical experience.
### Prescriptions

<table>
<thead>
<tr>
<th>Paper</th>
<th>Prerequisite</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSME 427</td>
<td>Interpersonal Psychotherapy</td>
<td>FY 0.5 EFTS OL, DL 60 points</td>
</tr>
<tr>
<td>PSME 428</td>
<td>Psycho-oncology</td>
<td>NO (2020) 0.25 EFTS DL 30 points</td>
</tr>
<tr>
<td>PSME 429</td>
<td>Suicidal Behaviours, Research and Prevention</td>
<td>NO (2020) 0.25 EFTS DL 30 points</td>
</tr>
<tr>
<td>PSME 432</td>
<td>Introduction to Perinatal Psychiatry</td>
<td>NO (2020) 0.25 EFTS OL, DL 30 points</td>
</tr>
<tr>
<td>PSME 433</td>
<td>Introduction to Infant Mental Health</td>
<td>NO (2020) 0.25 EFTS OL, DL 30 points</td>
</tr>
<tr>
<td>PSME 436</td>
<td>Principles of Family and Systems Theory</td>
<td>S1 0.25 EFTS DL, DP 30 points</td>
</tr>
<tr>
<td>PSME 437</td>
<td>Applied Systems Theory</td>
<td>S2 0.25 EFTS DL, DP 30 points</td>
</tr>
<tr>
<td>PSME 439</td>
<td>Intellectual Disability: Theory into Practice</td>
<td>S2 0.25 EFTS OL, DL 30 points</td>
</tr>
<tr>
<td>PSME 449</td>
<td>Introduction to Suicidology and Suicide Prevention</td>
<td>S1 0.25 EFTS OL, DL, DP 30 points</td>
</tr>
<tr>
<td>PSY 111</td>
<td>Brain and Behaviour</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 112</td>
<td>Human Thought and Behaviour</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 203</td>
<td>Abnormal Psychology</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 204</td>
<td>Justice, Race and Class</td>
<td>S1 0.15 EFTS OC 18 points</td>
</tr>
<tr>
<td>PSY 210</td>
<td>Principles of Psychological Research</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 211</td>
<td>Brain and Cognition</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 212</td>
<td>Social and Applied Psychology</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 310</td>
<td>Research Project</td>
<td>FY 0.15 EFTS OL, OC, DP 18 points</td>
</tr>
<tr>
<td>PSY 311</td>
<td>Quantitative Methods</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 313</td>
<td>Cognition and Neuropsychology</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 315</td>
<td>Social Psychology</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
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<tr>
<td>PSY 317</td>
<td>Biopsychology</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
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<tr>
<td>PSY 318</td>
<td>Developmental Psychology</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
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<tr>
<td>PSY 319</td>
<td>Comparative Cognition</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 324</td>
<td>Health Psychology</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 325</td>
<td>Psychology in Legal Contexts</td>
<td>S1 0.15 EFTS OL, OC 18 points</td>
</tr>
<tr>
<td>PSY 326</td>
<td>Cognitive Engineering</td>
<td>S2 0.15 EFTS OL, OC 18 points</td>
</tr>
</tbody>
</table>

### Psychology

**PSY 111 Brain and Behaviour**
- An introductory study of the biological bases of behaviour and development, neuropsychology, perception, and learning.
- **Corequisite**: PSYC 111, 112, 211
- **Prerequisite**: PSYC 111, 211
- **Location**: Wellington, Dunedin, Christchurch

**PSY 112 Human Thought and Behaviour**
- An introductory study of developmental psychology, social psychology, language and thought, and abnormal psychology.
- **Corequisite**: PSYC 111, 112
- **Prerequisite**: PSYC 111, 112
- **Location**: Wellington, Dunedin, Christchurch

**PSY 203 Abnormal Psychology**
- Psychological disorders of childhood and adulthood, clinical assessment, and health psychology.
- **Corequisite**: PSYC 111, 112
- **Prerequisite**: PSYC 210, 211, 212
- **Location**: Wellington, Dunedin, Christchurch

**PSY 210 Principles of Psychological Research**
- Develops an understanding of the methods, procedures and logic used in psychological research and the ability to think critically about research design and outcomes in Psychology.
- **Corequisite**: PSYC 111, 112
- **Prerequisite**: PSYC 202
- **Location**: Wellington, Dunedin, Christchurch

**PSY 211 Brain and Cognition**
- Biopsychology, sensation and perception, and cognitive processes.
- **Corequisite**: PSYC 111, 112
- **Prerequisite**: PSYC 201
- **Location**: Wellington, Christchurch

**PSY 212 Social and Applied Psychology**
- Social psychology, decision making, applied psychology, and human factors.
- **Corequisite**: PSYC 111, 112
- **Prerequisite**: PSYC 202
- **Location**: Wellington, Christchurch

### Notes

- **Key**
  - S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods *
  - Paper is available on campus
  - Paper is available on otago.ac.nz/courses/papers

- **Schedule C**
  - LT: Limited to; RP: Recommended preparation; RC: Recommended concurrent study; SC: Schedule C

- **Notes**
  - (i) Students must be able to demonstrate a basic level of counselling/therapy skills as they present during pregnancy and the first postnatal year. Also includes the adaptive demands on the mother and family during the perinatal period.
  - Note for PSYC 203 and 210-212: A student who has attempted one only of PSYC 111 and 112, but who has achieved a grade of at least B and has passed additional papers worth at least 90 points, may take the other 100-level PSYC paper concurrently with any of PSYC 203, 210-212.

- **Design and analysis of psychological experiments**
  - P (IPSY 201 and 202) or (IPSY 201 and 210 and 212) or (PSYC 202 and 211) or (PSYC 210 and 211 and 212) and (STAT 110 or 115)
Prescriptions

PSYC 327 Psychology of Language
S1 0.15 EFTS OL, OC 18 points
The psychological processes underlying language, the development of language in children, and the use of language in the broader social context.

PSYC 401 Behaviour Analysis
S1 0.0833 EFTS OL, OC 10 points
Experimental analysis of behaviour and its application in clinical and non-clinical problems.

PSYC 402 Assessment in Child and Adolescent Clinical Psychology
S1 0.0833 EFTS OL, OC 10 points
Review of approaches for measuring the cognitive, behavioural, and social-emotional functioning of children.

PSYC 403 Adult Psychopathology
S2 0.0833 EFTS OL, OC 10 points
Advanced topics in abnormal psychology. Features, pathogenesis, and causes of mental disorder.

PSYC 404 Assessment in Clinical Psychology Practice
S2 0.0833 EFTS OL, OC 10 points
Topics in psychometric theory and the assessment of clients with psychological disorders.

PSYC 405 Clinical Neuropsychology
S2 0.0833 EFTS OL, OC 10 points
Advanced topics in the assessment and remediation of clients with neurological deficits.

PSYC 406 Foundations of Clinical Intervention
S2 0.0833 EFTS OL, OC 10 points
The application and efficacy of cognitive-behavioural therapy techniques.

PSYC 421 Advanced Research Methods
S1 0.0833 EFTS OL, OC 10 points
Development of critical reading, writing, and thinking skills necessary for designing research and assessing the usefulness of the research of others.

PSYC 422 Contemporary Issues in Psychology
S2 0.0833 EFTS OL, OC 10 points
Critical and lively discussion of current and controversial issues in clinical, social, developmental, cognitive and biological psychology.

PSYC 423 Advanced Topics in Health Psychology
S1 0.0833 EFTS OL, OC 10 points
Exploration of advanced theoretical, methodological and empirical issues in health psychology.

PSYC 424 Contexts of Development
NO 0.0833 EFTS OL, OC 10 points
Exploration of biological, social and cultural contexts of child and adolescent development from theoretical and applied perspectives.

PSYC 425 Advanced Topics in Behaviour Analysis
S2 0.0833 EFTS OL, OC 10 points
Exploration of methodological, empirical and theoretical issues in areas of experimental and applied behaviour analysis.

PSYC 426 Social Cognition
S1 0.0833 EFTS OL, OC 10 points
Exploration of theoretical and methodological issues in modern social psychology.

PSYC 427 Topical Issues in Child Development
S1 0.0833 EFTS OL, OC 10 points
Exploration of theoretical and methodological issues in modern developmental psychology.

PSYC 428 Culture and Development
S2 0.0833 EFTS OL, OC 10 points
Exploration of the degree to which children and adolescents differ in their thinking, perceptions, emotions and identities as a function of culture.

PSYC 429 Advanced Methods in Cognitive Neuroscience
S1 0.0833 EFTS OL, OC 10 points
Exploration of methodological, empirical and theoretical issues in areas of cognitive neuroscience.

PSYC 430 Synaptic Plasticity Mechanisms
S1 0.0833 EFTS OL, OC 10 points
Exploration of synaptic mechanisms of memory formation.

PSYC 431 History and Theory of Drug Use and Abuse
NO 0.0833 EFTS OL, OC 10 points
Exploration of historical factors involved in the use and abuse of drugs. Theoretical aspects of the use and abuse of drugs will also be explored.

PSYC 432 Special Topic
NO 0.0833 EFTS OL, OC 10 points
A course of instruction in an advanced area of psychology.

PSYC 433 Advanced Theoretical Topic
ES 0.0833 EFTS OL, OC 10 points
In collaboration with any staff member, a student may propose an individual course of study equivalent to one 400 level Psychology paper.

PSYC 434 Advanced Quantitative Methods
S1 0.0833 EFTS OL, OC 10 points
Introduction to a variety of advanced statistical methods used in psychology.

PSYC 435 Developmental Psychopathology
S1 0.0833 EFTS OL, OC 10 points
Exploration of the biological, social and cultural contexts of child and adolescent development from theoretical and applied perspectives.

PSYC 436 Topical Issues in Adolescent Behaviour
S2 0.0833 EFTS OL, OC 10 points
Exploration of theoretical and methodological issues in research on adolescent development and behaviour.

PSYC 437 Cognitive Neuroscience Seminar
S2 0.0833 EFTS OL, OC 10 points
Exploration of methodological, empirical and theoretical issues in areas of cognitive neuroscience.

PSYC 438 Nervous System Plasticity in Health and Disease
S2 0.0833 EFTS OL, OC 10 points
The cellular and molecular mechanisms of memory across the brain, in both healthy and diseased states.

PSYC 439 Neurobiology and Behavioural Effects of Drugs
S2 0.0833 EFTS OL, OC 10 points
Exploration of the neurobiological mechanisms and behavioural effects of a number of drugs, and of current New Zealand drug policy.

PSYC 490 Dissertation
FY 0.3333 EFTS OL, OC 40 points
A supervised project involving original research and leading to the production of a dissertation.

PSYC 495 Master’s Thesis Preparation
FY 0.3333 EFTS OC 40 points
Preparation of a thesis proposal/preliminary thesis research. Normally taken by students in the papers year for a Master’s degree by papers and thesis.

PSYC 501 Clinical Intervention
N1 0.625 EFTS OL, OC 75 points
A course of lectures, workshops and supervised practicum work providing training in the application of interventions in clinical psychology.

Public Health

Note: From 2019, POPH 192 replaces PUBH 192 in the Health Sciences First Year course.

POP 192 Population Health
S2 0.15 EFTS OL, OC 18 points
An introduction to the science of epidemiology, the study of the distribution and determinants of health and disease in human populations, and to different ways of understanding health.

POP 192 Foundations of Epidemiology
NO 0.15 EFTS OL, OC 18 points
Introduces the science of epidemiology, the study of the distribution and determinants of health and disease in human populations. Examines major health problems in New Zealand and globally.

PUBH 202 Health Promotion
S2 0.15 EFTS OL, OC 18 points
Introduces health promotion principles, practice and evidence through such strategies as education, community development and healthly public policy, with particular relevance to promoting the health of New Zealand adolescents and young adults.

PUBH 203 Health Policy and Politics: Global and Local
S1 0.15 EFTS OL, OC 18 points
Analysis of health policymaking processes, and approaches to organising, financing and providing health care in New Zealand and overseas, with reference to public policy, politics, economics and management.

PUBH 204 Hauora Māori: Challenges and Opportunities
S2 0.15 EFTS OL, OC 18 points
An introduction to Māori public health, exploring the nature and extent of the Māori population, determinants of Māori health outcomes, Māori health inequities and initiatives to address these.

Note: Admission requires an average grade of at least B+ in 400-level PSYC papers and satisfactory performance in PSYC 311.

Note: Admission requires an average grade of at least B+ in 400-level PSYC papers and satisfactory performance in PSYC 311.

Note: Admission requires an average grade of at least B+ in 400-level PSYC papers and satisfactory performance in PSYC 311.

Note: Admission requires an average grade of at least B+ in 400-level PSYC papers and satisfactory performance in PSYC 311.

Note: Admission requires an average grade of at least B+ in 400-level PSYC papers and satisfactory performance in PSYC 311.
PUBH 211  Epidemiology of Global Health Conditions
S1 0.15 EFTS OL, OC 18 points
Examine selected major health problems in order to deepen understanding of epidemiological concepts and to review current knowledge about the distribution, determinants and prospects for control of these conditions.

P (HEAL 192 or POH 192 or PUBH 192) and 90 Further points from Arts and Music or Science Schedule C or BeHeSc Schedule Part 1
R HEAL 211
S Arts and Music, Science
Note: Students who have not passed the normal prerequisite may be admitted with special approval.

PUBH 303  Public and Global Health: Current Issues
S2 0.15 EFTS OL, OC 18 points
Analysis of current public and global health issues, using public health models to integrate evidence, ethics, legislation, policy, health systems and public health interventions to improve the health of populations.
P PUBH 211
SC Arts and Music

PUBH 304  Rangihau Haoura Māori - Māori Health Research
S1 0.15 EFTS OL, OC 18 points
Examines different ways of planning, undertaking and critically analysing Māori health research from nineteenth century anthropological approaches through to contemporary 'by Māori, for Māori' health research, including decolonising research methodologies.
P PUBH 204 or MAOH 201 or one 200-level MAOR paper
RP PUBH 204
SC Arts and Music

PUBH 311  Public Health Research
S1 0.15 EFTS OL, OC 18 points
Principles of quantitative and qualitative research design. Deepens students' understanding of what public health research is, how to critically engage with it and how it informs public health action.
P (HEAL 211 or PUBH 211)
R HEAL 311, PUBH 411
SC Arts, and Music, Science

PUBH 711  Principles of Epidemiology
N1 0.125 EFTS OL, OC 15 points
Introduction to the principles and practice of epidemiology, including measuring disease frequency, study design and methods, dealing with error, linking exposures with outcomes and critical appraisal of published research.
R HASC 411, HASC 411, PUBH 701
LT MA, MHealSc, MMLSc, MPh, MSc, DPH, PGDipArts, PGDipHealthSc, PGDipPhC, PGCPH, PGCPHC
LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealthSc, PGDipPhC, PGCPH, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) Students who have passed either PUBH 702 or 705, but not both, may enrol for PUBH 713. (ii) PGCPH and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (iii) This paper runs for the second half of the second semester.

PUBH 714  Public Policy and Health Systems
N1 0.125 EFTS OL, OC 15 points
How government is structured, contribution of public policy and health policy to population health policy, advocacy; funding and organisation of health systems with a New Zealand focus.
R PUBH 702, 706
LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealthSc, PGDipPhC, PGCPH, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) Students who have passed either PUBH 702 or 706, but not both, may enrol for PUBH 714. (ii) PGCPH and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (iii) This paper runs for the first half of second semester.

PUBH 721  Methods for Epidemiological Research
N1 0.125 EFTS OL, OL, DL 15 points
An in-depth study of epidemiological ideas and methods used in conceptualisation, design, analysis and interpretation of studies of the distribution and determinants of health and diseases.
(P (PUBH 701 or 701) and (HASC 413 or STAT 310 or 115 or PUBH 725)
LT MA, MHealSc, MH, MSc, DPH, PGDipArts, PGDipHealthSc, PGDipPhC, PGCPH, PGCPHC
L (Endorsed), PGCPH
Notes: (i) Students enrolling for MSc in Human Nutrition may substitute HUNT 312 for PUBH 701 or HASC 411 or HEAL 211 or PUBH 711. (ii) An approved statistics paper may be substituted for HASC 413 or STAT 110 or 115. (iii) Students with an appropriate background who have not passed the usual prerequisites may be admitted with approval from the Postgraduate Public Health Board of Studies. (iv) PGCPH and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (v) This paper runs for the second half of second semester.

PUBH 723  Survey Methods
N1 0.125 EFTS OL, OC 15 points
Development of skills to plan a survey including how to identify appropriate research questions, sample participants, conduct and validate a questionnaire, and analyse data descriptively.
R PUBH 708
LT MA, MSc, MHealSc, MPh, DPH, PGDipArts, PGDipHealthSc, PGDipPhC, PGCPHC, PGCPHC, PGCPH, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) PGCPHC and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (ii) This paper runs for the first half of second semester.

PUBH 724  Introduction to Qualitative Research Methods
N1 0.125 EFTS OL, OC 15 points
Development of skills to plan and undertake a qualitative study including planning data collection, analysing data, selecting suitable methods for qualitative research, and analysing and interpreting data.
R PUBH 708
LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealthSc, PGDipPhC, PGCPHC, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) PGCPHC and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (ii) This paper runs for the second half of second semester.

PUBH 725  Applied Biostatistics I - Fundamentals
N1 0.125 EFTS OL, DL 15 points
Introduction to the use of statistical methods in health sciences research, descriptive and simple inferential statistics for discrete, continuous and right-censored data. Introduction to linear regression.
R HASC 413
LT MA, MAppSc, MClinPharm, MHealSc, MPh, MPharm, MHSc, MSc, DPH, PGDipAppsSc, PGDipAppsArts, PGDipAppsArts, PGDipPhC, PGDipPhC, PGDipPhC, PGCPH, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) PGCPHC and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (ii) This paper runs for the second half of first semester.

PUBH 726  Applied Biostatistics II - Regression Methods
N1 0.125 EFTS OL, DL 15 points
Use of multiple regression methods in health sciences research. Development of linear, logistic, Poisson and Cox regression models for estimation and prediction including covariate adjustment, dummy variables, transformations and interactions.
R HASC 413 or PUBH 725
R HASC 415, STAT 241, 341
LT MA, MAppSc, MClinPharm, MHealSc, MPh, MPharm, MHSc, MSc, DPH, PGDipAppsSc, PGDipAppsArts, PGDipAppsArts, PGDipPhC, PGDipPhC, PGCPHC, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) The prerequisite may be waived for students with an equivalent level of knowledge. (ii) MPHSc students require approval from the Board of Studies in Primary Health Care to enrol for this paper. (iii) This paper runs for the first half of first semester.

PUBH 732  Prevention and Control of Disease in Populations
N1 0.125 EFTS OL, OC 15 points
Summarising the health of a population, methods to monitor and prevent disease in populations and the evaluation of public health approaches to controlling disease.
R PUBH 701
LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealthSc, PGCPH, PGCPHC
RP PUBH 711
L Dunedin, Wellington, Christchurch
Notes: This paper runs for the first half of second semester.
Note for PUBH 733-740: PGCPH and PGDPHC students require approval from the Board of Studies in Primary Health Care to enrol for this paper.

PUBH 733  Environment and Health
N1 0.125 EFTS OL, OC 15 points
An introduction to the relationship between human wellbeing and environmental sustainability in New Zealand and globally. Sustainability frameworks, environmental health determinants and environmental relationships to health inequalities are integrated throughout.
R PUBH 703
LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealthSc, PGCPHC, PGCPHC, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) This paper runs for the second half of first semester.

PUBH 734  Health Protection
N1 0.125 EFTS OL, DL 15 points
Principles of protecting human health from environmental hazards and application to environmental health practice in New Zealand. Strong emphasis on developing conceptual, analytical and field-based skills for health protection.
LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealthSc, PGCPHC, PGCPHC, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) Includes one field day in Wellington. (ii) Please note that from 2019, this paper will be offered in the first half of the first semester.

PUBH 735  The Economics of Health Policy Decision Making
N1 0.125 EFTS OL, DL 15 points
Principles of economic decision making in health including microeconomic foundations, demand and supply analysis, taxation, subsidies and policy options of health care, market failure and evaluation of health systems performance.
R PUBH 704
LT MA, MHealSc, MPH, MSc, DPH, PGDipArts, PGDipHealthSc, PGCPHC, PGCPHC, PGCPHC
L Dunedin, Wellington, Christchurch
Notes: (i) This paper runs for the first half of first semester.
L T MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealMgt, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Wellington, Christchurch
Note: Please note that from 2019, this paper will be offered in the first half of the first semester.

PUBH 744 Healthy Public Policy
N1 0.125 EFTS OL, OC 15 points
Introduction to public policy and its crucial role in population health. Investigation of New Zealand policymaking, process and analysis. Roles of evidence, the media, interest groups and corporations in policy development.
R PUBH 702
LT MA, MHealSc, MPH, DPH, PGDipArts, PGDipHealMgt, PGDipHealSc, PGDipPHC, PGCertPH, PGCertPHC
L Dunedin, Wellington, Christchurch
Note: This paper runs for the first half of the second semester.

PUBH 740 MPH Dissertation
ES, FY 0.5 EFTS OC 60 points
A supervised dissertation of up to 20,000 words presenting the results of an original study on a relevant topic in the student's area of interest within public health.
LT MPH
L Dunedin, Wellington, Christchurch

Quantitative Genetics
OGEN-401 Quantitative Genetics and Improvement
S2 0.1667 EFTS OL, OC, DL 20 points
Modern methods for quantitative genetics: basic concepts, genetic parameter and breeding value estimation, multi-trait evaluation, selection, analyses of genomic data, principles of breeding programme design, and New Zealand applications.
R STAT 435
Note: Students who have not passed STAT 435 may be admitted with approval from the Head of the Department of Mathematics and Statistics.

Radiation Therapy
RADT 121 Radiation Therapy Practice I
S1 0.0917 EFTS OL, OC 11 points
Medical and radiation therapy terminology, legal and ethical issues, surface and planar anatomy, linear accelerator use and radiation therapy techniques, qualities and skills in establishing healthcare professional-patient relationships, radiobiology.
L BT R Wellington

RADT 122 Anatomy and Imaging
FY 0.2666 EFTS OL, OC 32 points
Principles of anatomy and physiology of cell biology and all organ systems, with emphasis on lymphatic drainage, gross, and sectional anatomy. Includes the use of diagnostic images for body structure identification.
L BT R Wellington

RADT 123 Radiation Therapy and Oncology I
FY 0.25 EFTS OL, OC 30 points
Pathology and classification of tumours, treatment modalities, principles of radiobiology, radiation therapy techniques, patient care, pharmacology, clinical trials.
L BT R Wellington

RADT 124 Radiation Therapy Planning Concepts I
S2 0.1 EFTS OL, OC 12 points
Manual and computer treatment planning, attenuation factors, SAD and SSD techniques, ICRU 50/62, energy, beam arrangement, exit dose, weighting, normalisation, inhomogeneities, wedges, monitor units, organs at risk.
L BT R Wellington

RADT 125 Healthcare Communication
S2 0.0667 EFTS OL, OC 8 points
Principles of effective healthcare. Professional and patient communication in healthcare settings, including communication within healthcare teams. Special emphasis is given to oncology healthcare context.
L BT R Wellington

RADT 126 Health and Human Behaviour
S1 0.075 EFTS OL, OC 9 points
Introduction to psychological and sociological models of thinking about health and illness, with emphasis on diagnosis and treatment of life-threatening illness. Examines psychosocial impact from cancer, stress/coping, decision-making and survivorship.
L BT R Wellington
Rehabilitation

REHB 701 Rehabilitation Principles
S2 0.25 EFTS OL, DL 30 points
A broad framework for understanding rehabilitation practice including: the ICF, goal planning, compensation systems and the ACC, ethical issues, team dynamics and the concept of transdisciplinary teams; cultural perspectives and person-centred rehabilitation.
R REHX 701
LT MHeaSc, PGCertHeaSc, PGCertRehab, PGDipHeaSc, PGDipPhy, MPhty
L Wellington

REHB 703 Musculoskeletal Rehabilitation
NO 0.25 EFTS OL, DL 30 points
A rehabilitation perspective on the assessment and management of musculoskeletal syndromes including back pain, regional pain disorders (including OOS), inflammatory arthritis, osteoarthritis and limb amputation.
LT MHeaSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHeaSc, MPhty
R REHX 703
L Wellington

REHB 704 Neurological Rehabilitation
NO 0.25 EFTS OL, DL 30 points
A rehabilitation perspective on the assessment and management of a range of neurological conditions including stroke, subarachnoid haemorrhage, multiple sclerosis, traumatic brain injury, spinal cord injury and Parkinson's disease.
LT MHeaSc, PGDipPhy, PGCertRehab, PGDipHeaSc, MPhty
R REHX 704
L Wellington

REHB 706 Work Rehabilitation
S2 0.25 EFTS OL, DL 30 points
Understanding the workplace, workers and employers and using modern management techniques to reduce workforce injury and promote early return to work.
R REHX 706
LT MHeaSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHeaSc, MPhty
L Wellington

REHB 707 Rehabilitation for the Older Adult
S1 0.25 EFTS OL, DL 30 points
The paper emphasises rehabilitation and management of conditions that cause impairment and activity limitation in older adults such as falls and cognitive impairment.
LT MHeaSc, PGDipRehab, PGCertRehab, PGDipPhy, PGDipHeaSc, MPhty
R REHX 707
L Wellington

REHB 710 Clinical Rehabilitation
S2 0.25 EFTS OL, DL 30 points
An investigation of current clinical rehabilitation practice through single case studies and clinical audit in association with clinical and academic mentors.
R REHX 710
LT MHeaSc, PGCertHeaSc, PGDipHeaSc, MPhty
R REHX 710
L Wellington

REHB 711 Special Topic
NO 0.25 EFTS OL, DL 30 points
LT MHeaSc, PGDipRehab, PGDipPhy, PGDipHeaSc, MPhty, PGCertHeaSc
L Wellington

Religious Studies

RELS 101 Introduction to Judaism, Christianity and Islam
S2 0.15 EFTS OL, OC, DL 18 points
An introduction to the three major religions which originated in the Middle East.
R RELX 101
SC Arts and Music, Theology

RELS 102 Introduction to Hinduism and Buddhism
S1 0.15 EFTS OL, OC, DL 18 points
The ancient origins, classical traditions and contemporary forms of Hinduism and Buddhism including Hindu mythology, teachings of the Buddha, religious disciplines such as yoga and meditation, expression of devotion in art and architecture, spread of Indian religions to the West.
R RELX 102
SC Arts and Music, Theology
RELS 202 The Religions of Southeast Asia
NO 0.15 EFTS OL, OC, DL 18 points
A study of religion relating to archaeological sites, the arts and contemporary culture. Buddhism is the primary focus, but Hinduism, Islam and indigenous, including Chinese, traditions are also considered.
P 36 points
R RELS 330, RELX 202, 330
SC Arts and Music, Theology

RELS 203 Ancient Religion: Egypt to Mesopotamia
N1 0.15 EFTS OL, OC, DL 18 points
The religious practices, beliefs and texts of ancient Egypt, Mesopotamia and the Levant, ca. 3000–300 BCE.
P 36 points
R RELS 303
SC Arts and Music, Theology

RELS 205 World Christianity
NO 0.15 EFTS OL, OC, DL 18 points
The global expansion of Christianity, particularly in Asia and Africa, in the modern period, and the consequences for the practice of Christianity.
P 36 points
R RELS 305
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 passed in 2003.

RELS 209 The Body in Asian Religions
S2 0.15 EFTS OL, OC, DL 18 points
An examination of some of the ways in which body, gender and sexuality are constructed and practised in cultures dominated by Hinduism and Buddhist ideals.
P 36 points
R RELS 209, RELX 209, 309
SC Arts and Music, Theology
Note: May not be credited together with RELS 233 or 333 passed in 2005.

RELS 212 Love and Heroism: Religions of South India
NO 0.15 EFTS OL, OC, DL 18 points
Examines the themes of love and heroism in three religious traditions indigenous to South India (Hinduism, Buddhism and Jainism) and the emancipation of Christianity and Islam in South India.
P 36 points
R RELS 312, RELX 212, 312
SC Arts and Music, Theology

RELS 214 New Religious Movements
SS 0.15 EFTS OL, OC, DL 18 points
A study of new religious movements (NRMs) in the modern world.
P 36 points
R RELS 306, RELX 214, 306
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 passed in 2007.

RELS 216 Zen Buddhism
NO 0.15 EFTS OL, OC, DL 18 points
The history, doctrines, and practices of Chan Buddhism in China and Zen Buddhism in Japan. Zen practices, as meditation and koan, and the encounter with the “West”.
P 36 points
R RELS 316, RELX 216, 316
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 or 331 passed in 2004.

RELS 217 Religion, Science, and Magic
NO 0.15 EFTS OL, OC, DL 18 points
Beginning with the contemporary debates regarding creationism, alternative medicine, and witchcraft (Wicca), the paper examines the relation between the modern sciences and the worlds of Kabbalah, alchemy, and apocalyptic religion from which they emerged.
P 36 points
R RELS 317
SC Arts and Music, Theology

RELS 220 Representing Islam
NO 0.15 EFTS OL, OC, DL 18 points
Representations of Islam in the West from the earliest times until the present with emphasis on enduring themes in the Western perception of Islam.
P 36 Points
R RELS 320
SC Arts and Music, Theology

RELS 225 Science, Religion and Knowledge
S2 0.15 EFTS OL, OC, DL 18 points
Are science and religion in conflict? Beginning with this question, the nature of religion and science and the differing conceptions of knowledge found in scientific and religious communities are examined.
P 36 points
R RELS 325
SC Arts and Music, Theology

RELS 226 Mahayana Buddhism
S2 0.15 EFTS OL, OC, DL 18 points
The origins of Mahayana Buddhism in India, its spread to Tibet and East Asia and its relationship to other forms of Buddhism, including Theravada.
P 36 points
R RELS 326, RELX 226, 326
SC Arts and Music, Theology
Note: May not be credited together with RELS 230 or 330 or RELX 230 or 330 passed in 2009.

RELS 227 Buddhist Thought
NO 0.15 EFTS OL, OC, DL 18 points
A comprehensive and critical study of the common heritage shared by all Buddhist traditions through examination of the development of Buddhist thought in the Theravada Buddhist textual tradition.
P 36 points
R RELS 227, RELX 227, 327
SC Arts and Music, Theology
Note: May not be credited together with RELS 230 or 330 or RELX 230 or 330 passed in 2010.

RELS 229 Paganism
NO 0.15 EFTS OL, OC, DL 18 points
Late Greek and Roman religion, its representation and self-representation from late antiquity to the Renaissance; the contemporary Pagan revival.
P 36 points
R RELS 329, RELX 229, 329
SC Arts and Music, Theology

RELS 230 Special Topic: Women and Religion
S1 0.15 EFTS OL, OC, DL 18 points
An introduction to Judaism in the modern world, with emphasis on contemporary issues and debates.
P 36 points
R RELX 230
SC Arts and Music, Theology
Note: May not be credited together with RELS 330 when taken with the same content.

RELS 231 Special Topic
NO 0.15 EFTS OL, OC, DL 18 points
SC Arts and Music, Theology

RELS 235 Religion, Law and Politics
SS 0.15 EFTS OL, OC, DL 18 points
The interplay of religion and politics in contemporary India, Sri Lanka, America, New Zealand, Canada and elsewhere. Case study and theory. Themes include secularism, religious freedom, pluralism and others.
P 36 points
R RELS 335, RELX 235, 335
SC Arts and Music, Theology

RELS 237 Psychology of Religion
S1 0.15 EFTS OL, OC, DL 18 points
An introduction to the psychology of religion, with emphasis on what research in contemporary cognitive and evolutionary psychology says about human religious belief and behaviour.
P 36 points
R RELS 337
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 or 331 passed in 2016.

RELS 238 Religion and Human Behaviour
S1 0.15 EFTS OL, OC, DL 18 points
An overview of the study of religions as cultural phenomena, with an emphasis on scientific explanations for what religions have in common and for the differences between them.
P 36 points
R RELS 338
SC Arts and Music, Theology

RELS 302 Religions of Southeast Asia (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
A study of religion relating to archaeological sites, the arts and contemporary culture. Buddhism is the primary focus, but Hinduism, Islam and indigenous (including Chinese) traditions are also considered.
P 36 points
R RELX 330
SC Arts and Music, Theology
Note: May not be credited together with RELS 330 passed in 2006, 2011 or 2012.

RELS 303 Ancient Religion: Egypt to Mesopotamia (Advanced)
N1 0.15 EFTS OL, OC, DL 18 points
The religious practices, beliefs and texts of ancient Egypt, Mesopotamia and the Levant, ca. 3000–300 BCE.
P 36 points
R RELS 303
SC Arts and Music, Theology

RELS 305 World Christianity (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
The global expansion of Christianity, particularly in Asia and Africa, in the modern period, and the consequences for the practice of Christianity.
P 36 points
R RELX 305
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 passed in 2013.

Note for RELS 306–312, 316, and 320.
Students who have not passed the normal prerequisite may be admitted with approval from the Head of Department.

RELS 306 New Religious Movements
SS 0.15 EFTS OL, OC, DL 18 points
A study of new religious movements in the modern world.
P 36 points
R RELS 306, RELX 306
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 passed in 2007.

RELS 309 The Body in Asian Religions
S2 0.15 EFTS OL, OC, DL 18 points
An examination of some of the ways in which body, gender and sexuality are constructed and practised in cultures dominated by Hinduism and Buddhist ideals.
P 36 points
R RELS 309, RELX 309
SC Arts and Music, Theology
Note: May not be credited together with RELS 233 or 333 passed in 2005.

RELS 310 Asian Religions and the West
NO 0.15 EFTS OL, OC, DL 18 points
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions which resulted and the uses to which such representations were put in European and Asian debate.
P 36 points
R RELS 310, RELX 310
SC Arts and Music, Theology

RELS 312 Love and Heroism: Religions of South India
NO 0.15 EFTS OL, OC, DL 18 points
Examines the themes of love and heroism in three religious traditions indigenous to South India (Hinduism, Buddhism and Jainism) and the enculturation of Christianity and Islam in South India.
P 36 points
R RELX 312, RELX 212, 312
SC Arts and Music, Theology

RELS 314 Religion and Identity
NO 0.15 EFTS OL, OC, DL 18 points
What is religious identity? How is it linked to law, politics, economics and violence? These questions are explored in reference to Buddhism, Hinduism, Muslims, Jews, atheists, neo-spiritualities and others.
P 36 points
R RELX 314
SC Arts and Music, Theology

RELS 314 Religion and Identity
NO 0.15 EFTS OL, OC, DL 18 points
What is religious identity? How is it linked to law, politics, economics and violence? These questions are explored in reference to Buddhism, Hinduism, Muslims, Jews, atheists, neo-spiritualities and others.
P 36 points
R RELX 314
SC Arts and Music, Theology
RELS 316 Zen Buddhism
NO 0.15 EFTS OL, OC, DL 18 points
The history, doctrines, and practices of Chan Buddhism in China and Zen Buddhism in Japan. Zen practices, as meditation and koan, are considered in the encounter with the “West.”
P: 18 200-level RELS or RELX points
R RELS 216, RELX 216, 316
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 or 331 passed in 2008.

RELS 317 Religion, Science, and Magic
NO 0.15 EFTS OL, OC, DL 18 points
Beginning with the contemporary debates regarding creationism, alternative medicine, and witchcraft (Wicca), the paper examines the relation between the modern sciences and the worlds of Kabbalah, alchemy, and apocalyptic religion from which they emerged.
P 18 200-level RELS or RELX points
R RELS 217
SC Arts, and Music, Theology

RELS 320 Representing Islam
NO 0.15 EFTS OL, OC, DL 18 points
Representations of Islam in the West from the earliest times until the present, with emphasis on enduring themes in the Western perception of Islam.
P One 200-level RELS paper
R RELS, RELX 225
SC Arts and Music, Theology

RELS 325 Science, Religion, and Knowledge (Advanced)
S2 0.15 EFTS OL, OC, DL 18 points
Are religion and science in conflict? Beginning with this question, the nature of religion, science and the differing conceptions of knowledge found in scientific and religious communities are examined.
P One 200-level RELS, RELX, or PHIL paper
R RELS 225
SC Arts and Music, Theology
Note: May not be credited together with RELS 230 or 330 or RELX 225 or 325 passed in 2009.

RELS 327 Buddhist Thought
NO 0.15 EFTS OL, OC, DL 18 points
A comprehensive and critical study of the common heritage shared by all Buddhist traditions through examination of the development of Buddhist thought in the Theravada Buddhist textual tradition.
P One 200-level RELS or RELX paper
R RELS 226, RELX 226, 326
SC Arts and Music, Theology
Note: May not be credited together with RELS 230 or 330 or RELX 226 or 326 passed in 2010.

RELS 328 Life of the Buddha: Text and Iconography
NO 0.15 EFTS OL, OC, DL 18 points
Visual and literary narrative traditions about the life of the Buddha, and the influence of these narratives on Buddhist belief practices.
P One 200-level RELS or RELX paper
R RELS 428, RELX 328, 428
SC Arts and Music, Theology
Note: May not be credited together with RELS 333 or 438 passed in 2009 or 2011.

RELS 329 Paganism (Advanced)
NO 0.15 EFTS OL, OC, DL 18 points
Late Greek and Roman religion, its representation and self-representation from late antiquity to the Renaissance; the contemporary Pagan revival.
P One 200-level RELS or RELX paper
R RELS 229, RELX 229, 329
SC Arts and Music, Theology

RELS 330 Special Topic: Women and Religion
S1 0.15 EFTS OL, OC, DL 18 points
An introduction to Judaism in the modern world, with emphasis on contemporary issues and debates.
P 18 200-level RELS or RELX points
SC Arts and Music, Theology
Note: May not be credited together with RELS 230 when passed with the same content.

RELS 331 Special Topic
NO 0.15 EFTS OL, OC, DL 18 points
SC Arts and Music, Theology

RELS 335 Religion, Law and Politics (Advanced)
S5 0.15 EFTS OL, OC, DL 18 points
The interplay of religion, law and politics in contemporary India, Sri Lanka, America, New Zealand, Canada and elsewhere. Case study and theory. Themes include secularism, religious freedom, pluralism and others.
P One 200-level RELS or RELX paper
R RELS 225, RELX 225, 335
SC Arts and Music, Theology

RELS 336 Buddhism, State and Society
NO 0.15 EFTS OL, OC, DL 18 points
Buddhist thinking about ideal political order including relationships between religion and state, monks and kings, morality and power, ethics and war, religious difference and the ‘nation’. Buddhist political philosophy.
P One 200-level RELS or RELX paper
R RELS 436, RELX 336, 436
SC Arts and Music, Theology
Note: May not be credited together with RELS 231 or RELX 231 passed in 2016.

RELS 338 Religion and Human Behaviour (Advanced)
S1 0.15 EFTS OL, OC, DL 18 points
An overview of the study of religions as cultural phenomena, with an emphasis on scientific explanations for what religions have in common and for the differences between them.
P One 200-level RELS or PSYC points
R RELS 237
SC Arts and Music, Theology

RELS 339 Religion and Identity (Advanced)
NO 0.1667 EFTS OL, OC, DL 20 points
What is religious identity? How is it linked to race, politics, economics and violence? These questions are explored in reference to Buddhists, Hindus, Muslims, Jews, atheists, neo-spiritualities and others.
P One 300-level RELS or RELX paper
R RELS 314

RELS 414 Method and Theory in the Study of Religion
NO 0.1667 EFTS OL, OC, DL 20 points
Theories of religion in relation to society and the human mind; approaches to religion through cross-cultural study of some of its major elements such as myth, ritual and symbol.
P 18 300-level RELS or RELX points
R RELX 415
SC Arts and Music, Theology

RELS 436 Buddhism, State and Society
NO 0.1667 EFTS OL, OC, DL 20 points
Buddhist thinking about ideal political order including relationships between religion and state, monks and kings, morality and power, ethics and war, religious difference and the ‘nation’. Buddhist political philosophy.
P One 300-level RELS or RELX paper
R RELS 336, RELX 336, 436

RELS 462 Asian Religions and the West
NO 0.1667 EFTS OL, OC, DL 20 points
A study of the contexts in which Europeans have encountered Asian religions since 1500, the representations of Asian religions which resulted and the uses to which such representations were put in European and Asian debate.
P One 300-level RELS or RELX paper
R RELS 310, RELX 310, 462
Note: May not be credited together with RELS 331 or 430 passed in 2005.

RELS 490 Dissertation
FY 0.5 EFTS OC, DL 60 points
Either a piece of original work on a specified research question, or a more wide-ranging discussion which gives a critical account of existing literature and knowledge.
P Three 300-level RELS or RELX papers
R RELX 490
LT BAJ(10hrs), FGDipArts

RELS 501 The Evolution of Religion
S2 0.25 EFTS OL, OC, DL 30 points
A survey of major theories and writings on the evolution of religion. Provides an introduction to the methods appropriate to the study of ancient texts.
LT MA

RELS 511 Readings in Hindu Texts
S2 0.25 EFTS OL, OC, DL 30 points
A critical study of a selected Hindu text or texts. Provides an introduction to the methods appropriate to the study of ancient texts.
LT MA

RELS 522 Buddhist Visual Culture in Southeast Asia
S1 0.25 EFTS OL, OC, DL 30 points
Material evidence for the arrival of Buddhism in Southeast Asia, the merger of pre-existing traditions with waves of cultural influx from South Asia, the resulting unique forms of visual culture.
LT MA

RELS 523 Key Debates in Buddhist Studies
NO 0.25 EFTS OL, OC, DL 30 points
The key debates and theories in the study of Buddhism with an emphasis on recent work, including lived Buddhism, monasticism, Buddhism and politics, Buddhist law, and Buddhism outside of Asia.
LT MA

RELS 531 Pali for Postgraduates
FY 0.25 EFTS OC, DL 30 points
Intensive Pali, reading both scriptures and commentaries from the Tipitaka. Particular attention is paid to grammatical and stylistic features and to the manner in which ideas are presented.
LT MA

RELS 590 Research Dissertation
N1, N2 0.5 EFTS OC, DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Reproduction, Genetics, and Development
See Biomedical Sciences programme requirements (page 95).

Responsible Leadership
See minor subject requirements (page 94).

Key
1 See minor subject requirements (page 94).
2 See page 108 for more information. *Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

Schedule C
P: Prerequisite;  C: Corequisite;  RP: Restricted;  LS: Limited to;  RS: Required preparation;  RC: Recommended concurrent study;  SC: Schedule C;  L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).
Prescriptions

**Prescriptions**

Note(s): Admission subject to approval from the Director.

**Science Communication**

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCOM 209</td>
<td>Communicating Science - an Introduction</td>
<td>0.15 EFTS</td>
<td>OC, DP 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
<tr>
<td>S1</td>
<td>An introduction to science communication theory and practice, including non-fiction writing and filmmaking.</td>
<td>0.15 EFTS</td>
<td>OC, DP 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
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<tr>
<td>P</td>
<td>54 days</td>
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<tr>
<td>SC</td>
<td>Arts and Science</td>
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<tr>
<td>S2</td>
<td>Science and the Public</td>
<td>0.15 EFTS</td>
<td>OC, DP 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
<tr>
<td>N1</td>
<td>The theory and practice of making science public, including participatory science, outreach and public engagement events.</td>
<td>0.15 EFTS</td>
<td>OC, DP 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
<tr>
<td>P</td>
<td>54 points</td>
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<td>SC</td>
<td>Arts and Music, Science</td>
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**Rural Oral Health**

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<tr>
<th>ROHC 801</th>
<th>Principles of Medicine and Surgery for Rural Oral Health Care</th>
<th>0.5 EFTS</th>
<th>OL, OC, DL 60 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</th>
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<tbody>
<tr>
<td>N1, N2</td>
<td>Surgical and medical sciences for general dental practice. Principles of oral surgery, advanced local anaesthetic techniques, common disorders in oral medicine and pathology, diagnostic techniques, general medicine and initial trauma management as a first provider including triage, airway and resuscitation skills.</td>
<td>0.5 EFTS</td>
<td>OL, OC, DL 60 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
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<td>LT</td>
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**Sanskrit**

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<tr>
<th>SANS 111</th>
<th>Introductory Sanskrit 1</th>
<th>0.15 EFTS</th>
<th>OL, OC, DL 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S1</td>
<td>A reading-based beginners' paper covering the basic elements from the Bhagavad Gita and other texts.</td>
<td>0.15 EFTS</td>
<td>OL, OC, DL 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
<tr>
<td>LT</td>
<td>M Dent, SANS 111</td>
<td></td>
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</tr>
</tbody>
</table>

**Science, Innovation and Enterprise**

<table>
<thead>
<tr>
<th>SIEN 401</th>
<th>Scientific Knowledge and Innovation</th>
<th>0.1667 EFTS</th>
<th>OC 20 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>NO</td>
<td>Introduction to the handling of scientific knowledge and innovation as intellectual property, with emphasis on journal articles and patents as the primary repositories of scientific and technological knowhow. Note(s): Admission subject to approval from the Director, Applied Science Programme.</td>
<td>0.1667 EFTS</td>
<td>OC 20 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
</tbody>
</table>

**Surgical and Medical Sciences for General Dental Practice**

<table>
<thead>
<tr>
<th>S2</th>
<th>0.15 EFTS</th>
<th>OL, OC, DL 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</th>
</tr>
</thead>
<tbody>
<tr>
<td>S3</td>
<td>0.15 EFTS</td>
<td>OL, OC, DL 18 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
</tbody>
</table>

**Science, Innovation and Enterprise**

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<th>OC 20 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</th>
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<tr>
<td>NO</td>
<td>Introduction to the handling of scientific knowledge and innovation as intellectual property, with emphasis on journal articles and patents as the primary repositories of scientific and technological knowhow. Note(s): Admission subject to approval from the Director, Applied Science Programme.</td>
<td>0.1667 EFTS</td>
<td>OC 20 points. May be taken only by students enrolled for Science and Natural History Filmmaking options.</td>
</tr>
</tbody>
</table>
SOWK 111 Working with People: The New Zealand Context
S1 0.15 EFTS OL, OC 18 points
An introduction to the context for academic and professional work in social services in New Zealand.
R SOWK 111, COMF 111, COMX 111
SC Arts and Music

SOWK 201 Fields of Practice
S1 0.15 EFTS OC 18 points
Introductory study and experience in selected areas of practice.
P SOWK 111 or SOWK 111
R SOWK 114, SOWX 114
SC Arts and Music

SOWK 236 The Treaty and Social Services
S2 0.15 EFTS OL, OC 18 points
The application of the Treaty of Waitangi in social services in New Zealand.
P SOWK 111 or SOWK 111
R SOWX 213, 236, COMF 216
SC Arts and Music

Note: With approval, the prerequisite may be waived for BHealthy students.

For SOWK 301-304:
Non-BSW students may be admitted to these papers with approval from the Head of Department of Sociology, Gender and Social Work.

SOWK 301 Theories and Methods of Social Work
S1 0.15 EFTS OL, OC, DL 18 points
An introduction to the main theoretical traditions informing the practice of social work in Aotearoa/New Zealand context, their expression in Social Work methods, and the location of these theories and models within an overview of theoretical perspectives.
R SOWK 551, SOWX 301
LT BSW

SOWK 302 Social Work for Children and Families - Analysis and Theory
S1 0.15 EFTS OL, OC, DL 18 points
Selected social issues commonly affecting children and families in Aotearoa/New Zealand. Social work responses and related conceptual issues in social work assessment.
R SOWK 316, 552, SOWX 302, 316
LT BSW

SOWK 303 Communities and Organisations - Analysis and Theory
S1 0.15 EFTS OL, OC, DL 18 points
Organisational and community theories, patterns and change and their application within community and social services in Aotearoa/New Zealand.
R SOWK 553, SOWX 303
LT BSW

Note: May not be taken by students who have passed both (SOWK 236 or SOWK 234) and (SOWK 235 or SOWK 235).

SOWK 304 Kaupapa Māori, and Indigenous Approaches to Social Work
S2 0.15 EFTS OL, OC, DL 18 points
The application of Kaupapa Māori, Pacifica and indigenous approaches, including cross-cultural contexts, to social work practice.
R SOWK 319, 554, SOWX 304, 319
LT BSW

SOWK 320 Introduction to Professional Practice
S1 0.15 EFTS OL, OC, DL 18 points
Introductory study and application of social work roles and skills in preparation for practice.
R SOWK 420, 570, SOWX 320, 420
LT BSW

SOWK 392 Fieldwork Practice 1
FY 0.3 EFTS OL, OC, DL 36 points
Introduction and orientation in social service and community settings and supervised practical work in the field.
R SOWK 491, 592, SOWX 392, 491
LT BSW

SOWK 402 Micro Intervention: Theories and Skills
S1 0.1667 EFTS OL, OC, DL 20 points
This paper offers advanced application of interpersonal theories, develops intervention skills, and explores current issues in practice with children and families in social work settings.
P SOWK 300-level SOWK or SOWX points
R SOWK 401, 562, SOWX 401, 402
LT BSW, BSW(Hons), PGDipArts

SOWK 403 Communities and Organisations - Advanced Practice
S1 0.1667 EFTS OL, OC, DL 20 points
Professional frameworks of organisational and community change and development practice.
P SOWK 300-level SOWK or SOWX points
R SOWK 404, 563, SOWX 403, 404
LT BSW, BSW(Hons), PGDipArts
Note: Non-BSW students may be admitted to this paper with approval from the Head of Department of Sociology, Gender and Social Work.

SOWK 404 Care and Protection
NO 0.1667 EFTS OL, OC, DL 20 points
The development of specialist knowledge and skills in relation to care and protection of vulnerable children, young people and adults.
R SOWK 504
LT BSW, MSCW(Applied)
Note: May not be credited with SOWK 411 or SOWX 411 completed in 2013 or with SOWK 410 completed in 2015 or 2017.

SOWK 405 Social Work Issues Across the Lifespan
S1 0.1667 EFTS OL, OC, DL 20 points
A lifespan perspective on issues encountered in social work practice.
P SOWK 300-level SOWK or SOWX points
R SOWK 505, SOWX 405
LT BSW, MA
Note: May not be credited with SOWK 411 or SOWX 411 completed in 2013 or with SOWK 410 completed in 2015 or 2017.

SOWK 406 Social Problems: Policies and Practice Models
NO 0.1667 EFTS OL, OC, DL 20 points
Methods and theories of social, personal and organisational change in response to social problems. These are developed in relation to applied practice outcomes in social work.
P SOWK 300-level SOWK or SOWX points
R SOWK 318, SOWX 318, 406
LT BSW, MA

SOWK 407 Kaupapa Māori and Social Work Practice
NO 0.1667 EFTS OL, OC, DL 20 points
Training in Kaupapa Māori social work theory and methods, for work in social service organisations.
P SOWK 304 or 554
R SOWK 515
LT BSW, MSCW(Applied)
Note: May not be credited with SOWK 411 or SOWX 411 completed in 2014 or with SOWK 410 completed in 2016.

SOWK 408 Pasifika and Social Services
NO 0.1667 EFTS OL, OC, DL 20 points
Critical exploration of contemporary Pacific social issues, considering and developing relevant social service responses to identified Pacific social issues.
R SOWK 508
LT BSW, MSCW(Applied)
Note: May not be credited with SOWK 411 or SOWX 521 completed in 2016 or 2017.

SOWK 409 Decision-making in Child Welfare
NO 0.1667 EFTS OL, OC, DL 20 points
Critical examination, using the decision-making ecology framework, of macro, institutional and individual decision-maker influences on decision making in response to child abuse and neglect.
R SOWK 509
R BSW

SOWK 410 Special Topic
NO 0.1667 EFTS OL, OC, DL 20 points

SOWK 411 Advanced Special Topic
NO 0.1667 EFTS OL, OC, DL 20 points

SOWK 423 Animals and Social Work
S2 0.1667 EFTS OL, OC, DL 20 points
Critical exploration of the use of animals in social work and the helping professions within ethical, practice, policy and research frameworks.
R SOWK 533
LT BSW, BSW(Hons)

Key:
- LT: Lead Term
- SC: Social Science
- FY: Full Year
- SOWK: School of Social Work
- SOWX: School of Pacific Studies
- BSW: Bachelor of Social Work
- PGDipCCP: Postgraduate Diploma in Community Child Protection
- PGDipSW: Postgraduate Diploma in Social Work
- MSCW: Master of Social Work
- MA: Master of Arts
- MSW: Master of Social Welfare
- BSW(Hons): Bachelor of Social Work (Honours)
prescriptions
SOCI 304 Special Topic: Sociology of Food
S2 0.15 EFTS OL, OC 18 points
Introduces students to debates and advanced theory in the sociology of food.
P 18 200-level SOCI, GEND, or CRIM points or 54 200-level Arts points
SC Arts and Music
Notes: (i) SOCI 304 may not be credited with SOCI 204 taken in the same year.
When the topics of the papers differ, SOCI 304 and 204 passed in different years may both be credited.
(ii) Students who have not passed normal prerequisites but who have suitable skills in cognate disciplines like FOSC may be admitted with approval from the Head of Department.

SOCI 305 Family Demography
S1 0.15 EFTS OL, OC 18 points
Changing family forms in New Zealand and around the world.
P 18 200-level SOCI, GEND, CRIM or ANTH points or 54 200-level Arts points
SC Arts and Music

SOCI 306 Public Sociology
S1 0.15 EFTS OL, OC 18 points
Applying sociological theory and research methodologies in community-based research projects.
P 18 200-level SOCI points
SC Arts and Music
Note: May not be credited together with SOCI 304 passed between 2012–2014.

SOCI 309 Special Topic 2: Science, Technology and Post-capitalist Futures
NO 0.15 EFTS OL, OC 18 points
Use of theory within Science and Technology studies to better understand new dynamics in social and economic life and to explore prospects and possibilities for post-capitalist futures.
P 54 200-level points from Arts and Music Schedule C
SC Arts and Music
Note: May not be credited together with SOCI 404 completed in 2015 or 2016.

SOCI 313 The Subject in Postmodern Society
NO (2020) 0.15 EFTS OL, OC 18 points
Examines students' understanding of sociological approaches to the self by examining postmodern ideas about the subject, emphasising contradictory impulses for individuality or free will and social conformity.
P 18 200-level SOCI, GEND, CRIM or ANTH points or 54 200-level points from Arts and Music Schedule C
SC Arts and Music
Note: May not be credited together with SOCI 304 passed between 2012–2014.

SOCI 319 The Global Politics of Food
S2 0.15 EFTS OL, OC 18 points
Theories and issues relating to the global politics of food and agriculture.
P 18 200-level SOCI, GEND, CRIM or ANTH points or 54 200-level Arts points
R ANTH 319
SC Arts and Music

SOCI 401 Qualitative Research Ethics
NO (2020) 0.1667 EFTS OL, OC 20 points
Aims: To make students employing a qualitative methodology familiar with the epistemological and ethical issues they are likely to encounter in a formal ethics review. Explores common ethical dilemmas that routinely confront qualitative researchers in the field.
P 72 300-level SOCI points

SOCI 402 Advanced Sociological Theory
S2 0.1667 EFTS OL, OC 20 points
Builds on the theoretical knowledge acquired by students at 100-, 200- and 300-level courses. Supplemets SOCI 490.
P 72 300-level SOCI points

SOCI 403 Micro-Sociology
NO 0.1667 EFTS OL, OC 20 points
Focuses on the microscopical interface between the individual's experience of contemporary society and the theoretical concepts of post-modernism and post-structuralism.
P 72 300-level SOCI points

SOCI 404 Special Topic
NO (2020) 0.1667 EFTS OL, OC 20 points

SOCI 409 Special Topic: Pathways to Parenthood
NO (2020) 0.1667 EFTS OL, OC 20 points
Special topic presenting key concepts in the theory and practice of sociology.
P 72 300-level SOCI points

SOCI 410 Alternative Futures and the Sociological Imagination
S1 0.1667 EFTS OL, OC 20 points
A critical inquiry into alternative forms of social organisation, relying on cutting-edge sociological theory to understand popular resistance, social contention and social change.
P 72 300-level SOCI points

SOCI 490 Dissertation
FY 0.5 EFTS OC 60 points
Individual research in an approved topic, culminating in a dissertation of no more than 20,000 words.
P 72 300-level SOCI points
LT MA

SOCI 590 Research Dissertation
N1, N2 0.5 EFTS OL, OC DL 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.
LT MA

Software Engineering
SEN 490 Dissertation
FY 0.3333 EFTS OL, OC 40 points
A supervised project involving original research and leading to the production of a dissertation.
LT MA

SENG 580 Research Project
FY 0.3333 EFTS OL, OC 40 points
A supervised project involving research and leading to the production of a research report.
LT MA

Spanish
SPAN 131 Introductory Spanish 1
SS, S2 0.15 EFTS OL, OC, DL 18 points
An introductory course in reading, writing, listening, and talking to Spanish students for no previous knowledge of the language.
R SPAN 132 or any other more advanced Spanish language paper
SC Arts and Music

SPAN 132 Introductory Spanish 2
S2 0.15 EFTS OL, OC, DL 18 points
A continuation of SPAN 131, further developing skills in reading, writing, listening to, and speaking Spanish for students with some basic knowledge of the language.
P SPAN 101 or 131
R SPAN 102 or 231 or any other more advanced Spanish language paper
SC Arts and Music
Notes: (i) Students should choose the level of paper appropriate to their knowledge of the language. Students may be moved to a higher or lower level of language paper at the discretion of the Programme Co-ordinator. (ii) You may be able to take this paper without the prerequisite if you can demonstrate the required ability. Use the special permission process to apply to do this. List any qualifications you have gained e.g. NCEA, and years studied, as well as a note of any other exposure to this language. This request together with any documentation you provide or request for the transfer of credit(s) will then be reviewed for approval.

Note for SPAN 231-233:
(i) If you have previous knowledge of the language you can still enroll in this paper via Special Permission as part of paper selection, or email language@otago.ac.nz for assistance. (ii) Students should choose the level of paper appropriate to their knowledge of the language. Students may be moved to a higher or lower level of language paper at the discretion of the Programme Co-ordinator.

SPAN 231 Intermediate Spanish 1
S1 0.15 EFTS OL, OC 18 points
The development of skills in Spanish language to an intermediate level, with emphasis on speaking, listening, reading and writing. Students will increase their proficiency in Spanish communication and develop their knowledge of the culture and values of Spanish peoples.
P SPAN 102 or 132
R SPAN 201 or 232 or any other more advanced Spanish language paper
SC Arts and Music

SPAN 232 Intermediate Spanish 2
S2 0.15 EFTS OL, OC 18 points
A continuation of SPAN 231, further developing intermediate-level skills in speaking, listening, reading and writing and in the grammatical analysis of Spanish.
P SPAN 201 or 231
R SPAN 202 or 331 or any other more advanced Spanish language paper
SC Arts and Music

SPAN 233 Business Spanish
NO 0.15 EFTS OL, OC 18 points
The development of communication skills in business-related and professional Spanish language to an intermediate level, with emphasis on speaking, listening, reading and writing. Students will also be introduced to the cultural protocols involved in conducting business and professional activities in Spanish-speaking countries.
P SPAN 201 or 231
R SPAN 203
SC Arts and Music

SPAN 243 Latin American Culture and Literature
NO 0.15 EFTS OL, OC 18 points
Explores the shaping of Latin American culture out of its indigenous, European and African roots. (For students with knowledge of Spanish, texts will be in Spanish)
P 36 points
R SPAN 212, 263
SC Arts and Music

SPAN 250 Sacred Stories: Myths and Legends in Hispanic Culture
S1 0.15 EFTS OL, OC 18 points
An examination of myths that have defined Hispanic culture, through the study of literature, film and the visual arts.
P 18 100-level SPAN points or 36 points
R SPAN 350
SC Arts and Music
SPAN 251 Latin American Cultural Travel
S2 0.15 EFTS OL, OC 18 points
An examination and interpretation of travelling as a cultural learning discovery, as well as how travel is represented in Latin American narrative.
P 18 200-level SPAN points or 36 points
R SPAN 351
SC Arts and Music

Note for SPAN 331-332:
If you have previous knowledge of the language you can still enrol in this paper via Special Permission as part of paper selection, or email language@otago.ac.nz for assistance.

SPAN 331 Advanced Spanish 1
S1 0.15 EFTS OL, OC 18 points
Consolidates and further develops students' written, oral and aural skills at an advanced level using authentic written and spoken texts with an emphasis on register and regional variation in Spanish.
P SPAN 202 or 232
R SPAN 301, 302, 332 or any other more advanced Spanish language paper
SC Arts and Music

Note: Students should choose the level of paper appropriate to their knowledge of the language. Students may be moved to a higher or lower level of language paper at the discretion of the Programme Co-ordinator.

SPAN 332 Advanced Spanish 2
S2 0.15 EFTS OL, OC 18 points
Consolidates and further develops students' written, oral and aural skills at an advanced level using authentic written and spoken texts with an emphasis on register and regional variation in Spanish.
P SPAN 331
R SPAN 311, 362
SC Arts and Music

SPAN 341 Special Topic in Hispanic Studies
NO 0.15 EFTS OL, OC 18 points
Surveys different popular manifestations in the life of the Spanish American countries after independence. Amid an ongoing debate about what constitutes popular culture vis-à-vis high or elitist culture, examples of film, music, alternative (non-European) cultural practices, and popular literature will be discussed and analysed. (For students with knowledge of Spanish, texts will be in Spanish.)
P 18 200-level SPAN points
R SPAN 312, 363
SC Arts and Music

SPAN 342 The Spanish Civil War and Historical Memory
NO 0.15 EFTS OL, OC 18 points
Explores different cultural responses to the Spanish Civil War inside and outside of Spain. Poetry, narrative, painting and films produced during and after the conflict are some of the artistic manifestations discussed and analysed. (For students with knowledge of Spanish, texts will be in Spanish.)
P 18 200-level SPAN points
R SPAN 311, 362
SC Arts and Music

SPAN 343 Latin American Popular Culture
NO 0.15 EFTS OL, OC 18 points
Surveys different popular manifestations in the life of the Spanish American countries after independence. Amid an ongoing debate about what constitutes popular culture vis-à-vis high or elitist culture, examples of film, music, alternative (non-European) cultural practices, and popular literature will be discussed and analysed. (For students with knowledge of Spanish, texts will be in Spanish.)
P 18 200-level SPAN points
R SPAN 312, 363
SC Arts and Music

SPAN 350 Sacred Stories: Myths and Legends in Hispanic Culture (Advanced)
S1 0.15 EFTS OL, OC 18 points
An examination of myths that have defined Hispanic culture, through the study of literature, film and the visual arts.
P 18 200-level SPAN points or 54 points
R SPAN 250
SC Arts and Music

SPAN 351 Latin American Cultural Travel (Advanced)
S2 0.15 EFTS OL, OC 18 points
An examination and interpretation of travelling as a cultural learning discovery, as well as how travel is represented in Latin American narrative.
P 18 200-level SPAN points or 54 points
R SPAN 251
SC Arts and Music

SPAN 441 Advanced Topics in Spanish
ES 0.1667 EFTS OL, OC 20 points
Topics in Spanish language and culture, taught and examined in Spanish.
Note: Admission subject to approval from Programme Co-ordinator.

SPAN 451 Studies in Spanish
ES 0.1667 EFTS OL, OC, DP 20 points
Studies in Spanish or Hispanic language and culture taken at a partner university in Spain or Latin America.
LT BA(Hons), PG DipArts

SPAN 452 Studies in Spanish 2
ES 0.1667 EFTS OL, OC, DP 20 points
Studies in Spanish or Hispanic language and culture taken at a partner university in Spain or Latin America.
LT BA(Hons), PG DipArts

SPAN 490 Dissertation
ES 0.15 EFTS OL, OC 60 points
A dissertation on an approved and individually-supervised research topic in Spanish, of up to 15,000 words if written in Spanish, or 20,000 words if written in English.
LT BA(Hons), PG DipArts

SPAN 590 Research Dissertation
N1, N2 0.15 EFTS OL, OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic, written in Spanish or English.
LT MA

Special Needs Dentistry
SPND 701 Hospital Dentistry
FY 0.5 EFTS OC 60 points
Aims to provide the theoretical knowledge necessary to deal with patients with special needs along with clinical experience in the treatment of such patients.
LT PG DipClinDent

SPND 702 General Practice
FY 0.5 EFTS OC 60 points
Clinical practice combined with self-directed special topics designed to allow upgrading of general practice dentistry skills.
LT PG DipClinDent

SPND 730 Special Needs Dentistry PG DipClinDent Special Topics
FY 0.5 EFTS OC 60 points
LT PG DipClinDent

Sport and Exercise Nutrition
See Applied Sciences programme requirements (page 78).

Sport and Exercise Studies
See Physical Education programme requirements (page 68).

Sport Development and Management
See Physical Education programme requirements (page 105).

Sport, Physical Education and Exercise
SPEX 101 Sport, Science and Society
S1 0.15 EFTS OL, OC 18 points
A critical overview of the nature and influence of sport in society, exploring how sport intersects with the fields of science, health, education, politics and the economy.
R PHSE 101
SC Arts and Music, Commerce, Science

SPEX 102 Principles of Exercise for Health and Performance
S2 0.15 EFTS OL, OC 18 points
An introduction to the principles and practice of exercise science, including common and relevant myths or misconceptions.
R PHSE 102
SC Arts and Music, Science

SPEX 201 Biomechanics
S1 0.15 EFTS OL, OC 18 points
An introduction to the mechanical principles and analytical techniques that can be applied to understand human structure and function.
P ANAT 101 or HUBS 191 or PHSE 191
R PHSE 202
SC Science

SPEX 202 Motor Behaviour
S2 0.15 EFTS OL, OC 18 points
An introduction to the discipline of motor behaviour, consisting of motor control, learning, and development. Covers the typical processes of skill acquisition and the systems and function of human movement.
R PHSL 102 or (PHSL 101 and ANAT 101) or HUBS 191 or PHSL 191 or PSYC 111 or PHSE 102
R PHSE 202
SC Science

SPEX 203 Exercise Physiology
S1 0.15 EFTS OL, OC 18 points
R PHSL 101 or PHSE 192 or HUBS 192
SC Science

SPEX 204 Psychology of Sports and Exercise
S2 0.15 EFTS OL, OC 18 points
An introduction to the influence of social psychological variables on participation and performance in sport and exercise and the influence of that participation on the psychological characteristics of participants.
P 72 points
R PHSE 205
SC Arts and Music, Science

SPEX 205 Physical Activity and Health
S1 0.15 EFTS OL, OC 18 points
Exploring the health benefits of physical activity, design of physical activity initiatives in schools, workplace and communities, exercise recommendations for healthy individuals and the role of exercise in disease prevention.
P SPEX 102 or PHSE 102 or HUBS 192 or PHSL 101 or PUBH 191 or POPH 192
R PHSE 315, 515
SC Science

SPEX 206 Te Pūg o te Ora Māori Physical Education and Health
S2 0.15 EFTS OL, OC 18 points
P 72 points
R PHSE 320
RP SPEX 101 or 102 or MAOR 102
SC Arts and Music, Science

SPEX 207 Understanding Sports Coaching
S1 0.15 EFTS OL, OC 18 points
An examination of what it means to be a sports coach in Aotearoa/New Zealand, drawing on research grounded in pedagogy, psychology, sociology, economics, gender, environmental science and management.
P 72 points
RP SPEX 101
SC Arts and Music, Science

SPEX 208 Sociology of Sport and Exercise
S2 0.15 EFTS OL, OC 18 points
An exploration of the sociological significance of sport and exercise in contemporary society, including an understanding of the cultural, political and economic processes of sport.
P 72 points
RP PHSE 206
SC Arts and Music, Science

SPEX 209 Sport Development and Management
S1 0.15 EFTS OL, OC 18 points
An overview of sport organisations at the local, national and international levels. Identifies sport development processes of sport.
P 72 points
R PHSE 339, 340, 539, 540
SC Arts and Music, Commerce, Science
SPEX 301 Performance Analysis S2 0.15 EFTS OL, OC 18 points An overview of emerging theories, skills and techniques for analysing individual as well as group/team performance. P SPEX 201 or PHSE 202 R PHSE 302, 502 SC Science
SPEX 302 Skill Acquisition across the Lifespan S1 0.15 EFTS OL, OC 18 points An examination of skill acquisition and development as the human body grows from birth till death. P SPEX 202 or (PHSE 202 and 203) R PHSE 305, 505 SC Science
SPEX 303 Exercise Energetics and Physiology S1 0.15 EFTS OL, OC 18 points Application of physiological and biochemical principles to understand how muscle metabolism, whole body energetics and physiological systems are impacted by exercise such that performance and health can be altered. P One of PHSE 203, PHSE 203, BIOC 221, 222, 223, or 36 approved PHSL points R PHSE 301, 401, 500, 501 SC Science
SPEX 304 Sport Psychology S1 0.15 EFTS OL, OC 18 points An in-depth examination of the role social psychological variables play in participation and performance in sport. P (Two of SPEX 201, 202, 203) or (PHSE 202 and 203) R PHSE 310 SC Science
SPEX 305 Athletic Conditioning and Rehabilitation S1 0.15 EFTS OL, OC 18 points The study of evidence-based practice for sport-specific conditioning and rehabilitation to reduce the risk of injury and improve performance in athlete populations. P (Two of SPEX 201, 202, 203) or (PHSE 202 and 203) R PHSE 310 SC Science
SPEX 306 Te Pou o te Koronga Advanced Māori Physical Education and Health S2 0.15 EFTS OL, OC 18 points Application of Māori worldview and the relationships between tangata (people) and whenua (land), waka (canoes), moana (ocean) and wai (water). P SPEX 206 or PHSE 104 or 320 or 54 200-level MAOR points SC Arts and Music, Science
SPEX 307 Coaching, Leadership and Mentoring S1 0.15 EFTS OL, OC 18 points A theoretical analysis of what it means to be a quality coach and in doing so engage with contemporary debates around leadership, mentoring and ethics. P SPEX 207 or PHSE 101 R PHSE 330 SC Arts and Music, Science
SPEX 308 Psychology of Physical Activity S1 0.15 EFTS OL, OC 18 points Critically examines the influence of social psychological factors on decisions to adopt and maintain physical activity and the relationships between physical activity and psychological well-being. P SPEX 204 or 205 or PHSE 334 R PHSE 336, 536 SC Arts and Music, Science
SPEX 309 Active Living and Environment S2 0.15 EFTS OL, OC 18 points A comprehensive approach to active living in urban and natural environments, development of a physical activity plan for a healthy, active city and population-based approaches for promoting physical activity. P SPEX 205 or PHSE 315 SC Science
SPEX 310 Exercise for Clinical Populations S1 0.15 EFTS OL, OC 18 points An overview of the physiological changes that occur with age, obesity and medical conditions and the impact these changes have on exercise prescription. P SPEX 203 or (PHSE 202 and 203) R PHSE 311, 511 SC Science
SPEX 311 Sports Technology S2 0.15 EFTS OL, OC 18 points How various applications of technology have influenced the way that sport and exercise are played. Students will be required to critique the relationship of sport and technology from a multidisciplinary perspective. P SPEX 202 or PHSE 202 R PHSE 329, 531 SC Science
SPEX 312 Advanced Sociology of Sport S1 0.15 EFTS OL, OC 18 points A sociological examination of contemporary issues related to the cultural, political and economic impact of sport and exercise both nationally and internationally. P SPEX 208 or PHSE 206 or 54 points from Arts and Music and/or Commerce Schedule C SC Arts and Music, Science
SPEX 313 Sport and Health Policy S2 0.15 EFTS OL, OC 18 points An examination of policy formulation and implementation at international, national and municipal levels. Analyses social and economic policies related to sport, physical activity and health. P SPEX 209 or PHSE 339 R PHSE 422 SC Arts and Music, Commerce, Science
SPEX 314 Advanced Sport Management S2 0.15 EFTS OL, OC 18 points A critical examination of selected principles of management in New Zealand sport development. P SPEX 209 R PHSE 340, 430 SC Arts and Music, Commerce, Science
SPEX 315 Sport Media S2 0.15 EFTS OL, OC 18 points An examination of the interrelationships between sport and media and culture. The focus is on the production, representation, consumption and regulation of sport and the media at the local and global levels. P SPEX 208 or PHSE 206 or 54 points from Arts and Music and/or Commerce Schedule C SC Arts and Music, Commerce, Science
SPEX 316 Practicum ES, FY 0.15 EFTS OL, OC 18 points Practicums, internships and placements offer students the chance to apply knowledge from their degree to support their development of professional ‘knowing’ and judgement. P 72 SPEX points at 200-level or above SC Arts and Music, Science Only available to students in the Physical Education, Activity and Health, Exercise and Sport Science, or Sports Development and Management major subjects.
SPEM 701 Issues in Sports Medicine S1 0.25 EFTS OL, DL 30 points The foundations of the multidisciplinary study of sports medicine to include core anatomy, physiology, nutrition and human movement. R SMX 701 LT MHealSc, PG DipSEM, PG DipPhy, MP phy, PG DipHealSc
SPEM 702 Medical Aspects of Exercise S1 0.125 EFTS OL, DL 15 points The issues which relate to the supervision and care of individuals involved in sport and recreational activities. LT MHealSc, PG CertPhy, PG DipPhy, PG DipSEM, PG DipPhy, MP phy, PG DipHealSc
SMX 703 Sports Nutrition NO 0.25 EFTS OL, DL 30 points The relationship between nutrition and exercise and the application of human nutrition to sport and sport performance. R CMNX 407, HUNT 355, NUTN 407, NUTX 407, SMX 703 LT MHealSc, PG DipSEM, PG DipPhy, MP phy, PG DipHealSc
SMX 705 Health and Human Performance B S2 0.125 EFTS OL, DL 15 points The physical, psychological and social needs of special groups in the sport and recreational setting, including the young athlete, the veteran, the female athlete and the disabled competitor. LT MHealSc, PG Dipsem, PG DipPhy, MP phy, PG DipHealSc
SMX 707 Regional Sports Injury 1 S1 0.125 EFTS OL, DL, DP 15 points The issues which relate to the supervision and care of individuals involved in sport and recreational activities, with specific emphasis on the prevention and treatment of commonly encountered injuries to the upper limb. R SMX 707 LT MHealSc, PG Dipsem, PG DipPhy, MP phy, PG DipHealSc
SPM 708 Regional Sports Injury 2 S2 0.125 EFTS OL, DL, DP 15 points The issues which relate to the supervision and care of individuals involved in sport and recreational activities, with specific emphasis on the prevention and treatment of commonly encountered injuries to the lower limb. R SMX 708 LT MHealSc, PG DipSem, PG DipPhy, MP phy, PG DipHealSc
SPM 709 Women in Sport: Health Issues S1 0.25 EFTS OL, DL 30 points The recognition and management of specific issues relating to the physically active female, including active leisure to high performance sport. LT MHealSc, PG Dipsem, PG DipPhy, PG DipSEM, PG DipPhy, MP phy, PG DipHealSc
SPM 710 Sports Ergonomics S1 0.25 EFTS OL, DL 30 points The interaction between the sports person and their environment, specifically its effect on injury mechanisms and injury prevention including interaction with other participants, the surface on which the sport is performed, and equipment used. LT MHealSc, PG DipSem, PG DipPhy, MP phy, PG DipHealSc
SPM 711 Exercise Prescription S2 0.25 EFTS OL, DL 30 points An appreciation of the link between physical activity and health in the contemporary primary care setting that promotes interdisciplinary collaboration. R SMX 711 LT MHealSc, PG DipSem, PG DipPhy, PG DipSEM, PG DipPhy, MP phy, PG DipHealSc
SPS 703 Sports Technology See Applied Sciences programme requirements (page 78).

Statistics

STAT 110 Statistical Methods S5 0.15 EFTS OL, OC 18 points Descriptive statistics, probability distributions, estimation, hypothesis testing, regression, analysis of count data, analysis of variance and experimental design. Sampling and design principles of techniques to build on in the implementation of research studies. R STAT 115, (BSON 102 or 112) QUAN 101 SC Arts and Music, Science

Sports Medicine

See Applied Sciences programme requirements (page 78).

Prescriptions

Key:
S1: first semester; S2: second semester; ES: each semester; FY: full year; SS: Summer School; N1-5: non-standard periods; RC: Recommended concurrent study; SC: Schedule C; L: Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

1. Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers

2. Prerequisite or corequisite

3. Recommended preparation

4. Recommended concurrent study

5. Location paper is taught at, or from (if no location mentioned, paper is taught at, or from, Dunedin).

See page 108 for more information.
STAT 115 Introduction to Biostatistics
S2 0.15 EFTS OL, OC 18 points
A paper for students in health-related subjects, in particular nutrition, food science, epidemiology, exercise science, psychology, and the health sciences. Topics covered include the nature of random variation, the concepts of bias and confounding, study design, data description including risks and odds, binomial and normal distributions, estimation, hypothesis testing, regression, the control of confounders, critical appraisal, and the analysis of variance.
R STAT 110, (BSNS 102 or 112), QUAN 101
SC Arts and Music, Science

STAT 210 Applied Statistics
S1 0.15 EFTS OL, OC 18 points
A core paper on using statistical models to address scientific questions. Regression models for continuous, binomial and count data, analysis of variance, cluster analysis, principal component analysis, research design.
P STAT 110 or 115 or BSNS 112
R ECON 210, FINC 203, STAT 241, STAT 242, 251, or 342 has been passed previously or is being taken concurrently.

STAT 260 Visualisation and Modelling in R
S2 0.15 EFTS OL, OC 18 points
An introduction to core R skills needed for the statistical sciences, using the software R. Covers reproducible research, data wrangling, visualisation, exploratory data analysis, resampling and simulation.
P (STAT 110 or 115 or BSNS 102 or 112) and 54 additional points
R STAT 380
SC Arts and Music, Science

STAT 270 Probability and Inference
S1 0.15 EFTS OL, OC 18 points
An introduction to the theory that underlies the statistical sciences, using the software R. Covers reproducible research, data wrangling, visualisation, exploratory data analysis, resampling and simulation.
P (STAT 110 or 115 or BSNS 102 or 112) and 54 additional points
R STAT 380
SC Arts and Music, Science

STAT 311 Design of Research Studies
S1 0.15 EFTS OL, OC 18 points
Design of studies to address different types of research questions. Survey methods, experimental and observational studies, measurement, control of confounding and bias, evaluation of competing designs, determination of study size.
P (STAT 210 or 241 or PSYC 210) or (STAT 110 or 115 and 54 points at 200 level or above)
R STAT 251
SC Arts and Music, Science

STAT 341 Regression and Modelling 2
S1 0.15 EFTS OL, OC 18 points
An applied paper with the emphasis on data analysis. Topics covered include nonlinear regression, log-linear modeling, logistic, multinomial and ordinal regression and survival models including Kaplan-Meier model and Cox proportional hazard model.
P STAT 241
R HASC 415
SC Arts and Music, Science

STAT 342 Multivariate Methods
S2 0.15 EFTS OL, OC 18 points
P 36 200-level STAT points
R STAT 242
SC Arts and Music, Science
Note: With approval from the Head of Department, the prerequisite 36 200-level STAT points may be waived for postgraduate students.

STAT 370 Statistical Inference
S2 0.15 EFTS OL, OC 18 points
P (STAT 261 or 270) and MATH 170
R STAT 362
SC Arts and Music, Science

STAT 399 Special Topic
S2 0.15 EFTS OL, OC 18 points
SC Arts and Music, Science

STAT 411 Probability and Inference 3
S1 0.1667 EFTS OL, OC, DP 20 points
An overview of advanced probability theory and the classical theory of statistical inference.

STAT 412 Generalised Linear Models
S2 0.1667 EFTS OL, OC, DP 20 points
The theory and application of generalised linear models. The emphasis will be on application, with a focus on real data analysis using R.
P STAT 341, 342

STAT 435 Data Analysis for Bioinformatics
S1 0.1667 EFTS OL, OC, DP 20 points
Topics include an overview of genomics and molecular biology, genetic, genomic, and proteomic technologies, analysis of large data sets, incorporation of biological information into the statistical analysis process.

STAT 440 Longitudinal Data Analysis
S2 0.1667 EFTS OL, OC, DP 20 points
Use of mixed effects models for the analysis of longitudinal data, with an emphasis on applications on bioinformatics.
P STAT 341, 342

STAT 441 Topic in Advanced Statistics
S2 0.1667 EFTS OL, OC, DP 20 points
Details available from the Department of Mathematics and Statistics.

STAT 442 Topic in Advanced Statistics
S2 0.1667 EFTS OL, OC, DP 20 points
Details available from the Department of Mathematics and Statistics.
Note: Students should have completed a first-year paper in Statistics (STAT 110, 115 or BSNS 102) and two further papers at 200/300-level that include experience in quantitative research methods or applied statistics before enrolling in STAT 442. Students should see the Course Coordinator for approval.

STAT 443 Topic in Advanced Statistics
S2 0.1667 EFTS OL, OC, DP 20 points
Introduction to stochastic processes, emphasizing both theory and application. Topics include Markov chains, Poisson processes, birth and death processes, queues, and stochastic-calculi.

STAT 481 Statistical Practice
FY 0.3333 EFTS OL, OC, DP 20 points
A six-week placement under the supervision of an experienced professional.

STAT 490 Dissertation
FY 0.3333 EFTS OL, OC, DP 40 points
A supervised project involving original research and leading to the production of a dissertation.
LT BAGroup, BGroup, MSC, PG DipStat, PG DipArts, PG DipSci, MA

STAT 498-499 Special Topics
S2 0.15 EFTS OL, OC 20 points
Use of mixed effects models for the analysis of longitudinal data, with an emphasis on applications on bioinformatics.
P STAT 341, 342

SUAN 701 Upper Limb and Thorax
N1 0.25 EFTS OL, DL 30 points
Anatomy of the upper limb and thorax relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
LT PG Dip Surg Anatom

SUAN 702 Lower Limb and Pelvis
N1 0.25 EFTS OL, DL 30 points
Anatomy of the lower limb and pelvis relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
PC SUAN 701 or SUAN 703
LT PG Dip Surg Anatom

Surveying
SURV 101 Introductory Surveying
ES 0.15 EFTS OL, OC, DL, DP 18 points
An introduction to basic surveying principles, techniques, instruments and computational procedures.
R SURV 111, SURV 101, 111
SC Science

SURV 102 Geospatial Science
S2 0.15 EFTS OL, OC 18 points
A study of techniques as applied in surveying to built and natural environments, including statistics, trigonometry, mechanics, engineering, inter-rogation, Geographic Information Systems (GIS) and remote sensing.
SC Science

SURV 201 Surveying Methods 1
S1 0.135 EFTS OL, OC, DP 18 points
The use and calibration of standard surveying instruments. Includes fundamental surveying techniques and computational procedures, GNSS RTK surveying, and an introduction to precise engineering surveying.
PC SURV 298 and one of SURV 101, 111, SURJ 101, 111
R SURV 211
LT BSurv, BSc
Note: May only be taken by BSurv students or BSc students majoring in Surveying Measurement.

SURV 202 Surveying Mathematics
S2 0.135 EFTS OL, OC 18 points
An introduction to the mathematical methods used in spatial positioning and analysis. Includes concepts of measurement, least squares analysis using observation equations, transformations, spherical trigonometry and map projections.
P SURV 201 or 211
PC MATH 160
R SURV 212
SC Science

SURV 203 Land Development Engineering 1
S1 0.135 EFTS OL, OC 18 points
An introduction to civil engineering materials, stress analysis, fluid mechanics, hydrology and technical drawing.
P (SURV 102 or 112) and MATH 160
R SURV 213
SC Science

SURV 204 Land Development Engineering 2
S2 0.135 EFTS OL, OC 18 points
An introduction to the design and layout of the engineering works needed in land development, including earthworks, culverts, roads, ancillary services and parking facilities.
P (SURV 102 or 112) and MATH 160
R SURV 214
SC Science

SURV 205 Statutory Planning A
ES 0.15 EFTS OL, OC, DL, DP 18 points
An introduction to planning authorities, including unitary, special, local authority planning documents, stakeholder consultation, notification, effects, examples of assessments of environmental effects and resource consent applications.
P 108 points including one ENGL paper
R SURV 114, 215
SC Science

Supplementary Nutritional Science
See minor subject requirements (page 105).

Surgical Anatomy
SUAN 701 Upper Limb and Thorax
N1 0.25 EFTS OL, DL 30 points
Anatomy of the upper limb and thorax relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
LT PG Dip Surg Anatom

SUAN 702 Lower Limb and Pelvis
N1 0.25 EFTS OL, DL 30 points
Anatomy of the lower limb and pelvis relevant to the clinical practice of surgery and radiology. Includes regional cadaver dissection.
PC SUAN 701 or SUAN 703
LT PG Dip Surg Anatom
SURV 206 Land Tenure 1
S1 0.135 EFTS OL, OC 18 points
Introduction to land tenure and property rights in New Zealand. The history of land tenure change in New Zealand from pre-colonial times to the present, including Māori values in land, the Treaty of Waitangi, the Maori Land Court, the Waitangis Tribunal, and land related legislation.

P 108 points
R SURV 216
SC Science

SURV 207 Cadastral Surveying 1
S2 0.135 EFTS OL, OC, DP 18 points
An introduction to New Zealand cadastral surveying procedures and practice, calculations, cadastral data preparation and basic boundary definition.

P SURV 201 or 211
R SURV 217
LT BSurv, BSc
Note: May only be taken by BSurv students or BSc students majoring in Surveying Measurement.

SURV 208 Introduction to Geographic Information System
S1 0.15 EFTS OL 18 points
An introduction to the principles, methods and concepts of geographic information systems (GIS). The uses of spatial data for mapping, presenting, transforming and analysing information are emphasised.

P 54 points
R SPIN 201, SURV 218
SC Commerce, Science

SURV 297 Land Development Field Course
N1 0 EFTS OL, OC 6 points
Application of fundamental land development techniques. Digital data acquisition and processing for road design and associated engineering calculations. Plan production using road design software packages.

P SURV 203, 204

SURV 298 Introductory Field Camp
N1 0 EFTS OC, DP 0 points
Review of basic surveying techniques and instruments.

P One of SURV 101, 111, SURV 102, 112
LT BSurv, BSc
Note: May only be taken by BSurv students or BSc students majoring in Surveying Measurement.

SURV 299 Second Year Field Course
N1 0 EFTS OL, OC 0 points
Application of fundamental surveying techniques. Digital data acquisition and processing. Road design and set out.

PC (SURV 203 or 213) and (SURV 204 or 214)
LT BSurv, BSc
Note: Students must have attended the lectures and passed the tests of the Calculation Module of SURV 207.

SURV 301 Surveying Methods 2
N1 0.135 EFTS OL, OC 18 points
An introduction to the survey methods and analyses that require an understanding of geodetic principles. Includes angle, EDM and GPS measurements.

P (SURV 201 or 211) and (SURV 202 or 212)
PC 112, 312
R SURV 311
SC Science

SURV 302 Geodetic Reference Systems and Network Analysis
S1 0.135 EFTS OC 18 points
An introduction to field astronomy and geodesy including height systems, precise levelling gravity and geodetic datums. Advanced methods of analysing surveying data including error ellipses, automated network adjustment, and network analysis.

P SURV 202 or 212
R SURV 312
SC Science

SURV 303 Urban Design 1
S1 0.135 EFTS OL, OC 18 points
An introduction to the design of subdivisions and principles of urban design. The understanding required in the feasibility, design and planning of urban and suburban land development.

P (SURV 203 or 213) and (SURV 204 or 214)
R SURV 315
SC Science

SURV 304 Land Development Engineering 3
S2 0.135 EFTS OL, OC 18 points
An introduction to the design, construction and installation of engineering services for land development, including water, wastewater, stormwater, electrical, street lighting, communication and gas.

P (SURV 203 or 213) and (SURV 204 or 214)
R SURV 315, 324
SC Science

SURV 306 Land Tenure 2
S2 0.135 EFTS OL, OC 18 points
A study of current New Zealand case law, legislation and acquisitive prescription and the boundary law and title to land (both freehold and Māori customary), particularly as they relate to surveyors and planners.

P (SURV 206 or 216) or 216 points
R SURV 317
SC Science

SURV 307 Cadastral Surveying 2
S2 0.135 EFTS OL, OC 18 points
Further development of the concepts of cadastral boundary definition in New Zealand, together with the calculation and presentation of the associated datasets. The cadastral survey dataset requirements for various types of land tenure, and an introduction to limited title surveys.

P SURV 207 or 217
PC SURV 306 or 316
R SURV 317
SC Science

SURV 309 Introduction to Remote Sensing Technologies
S1 0.15 EFTS OL, OC 18 points
Introduction to the theory of electromagnetic radiation, remote sensing systems, multispectral scanners, radar instruments, image processing and image interpretation, as used in environmental monitoring. Photogrammetric image system calibration, data reduction, and systematic error analysis. Stereoscopic instrumentation, object space control and basic mission planning.

P 216 points
R SURV 318, 509
SC Science

SURV 319 Spatial Algorithms and Programming
S2 0.15 EFTS OL, OC 18 points
Spatial data structures and algorithms, underpinned by spatial databases and programming, including customisation of GIS software.

P SURV 102 and (SURV 208 or 218 or SPIN 201)
R SURV 519
RP COMP 150
SC Commerce, Science

SURV 322 Hydrographic Surveying
S1 0.135 EFTS OL, OC, DP 18 points
An introduction to the hydrographic industry, hydrographic specifications, position fixing, datums, tides, instrumentation, data capture, sounding reduction, and plotting.

P (SURV 211 and 212) or (SURV 201 and 202)
SC Science

SURV 329 Special Topic
ES 0.135 EFTS OC, DP 18 points
A course of directed reading in an approved topic.

P 216 points
R SURV 330
SC Science

SURV 399 Third Year Field Course
N1 0 EFTS OL, OC 0 points
Application of precise surveying techniques. Network analysis and adjustment.

PC (SURV 301 and 302) or (SURV 311 and 312)
SC Science

SURV 410 Management Issues in Geographic Information Systems
N0 0.15 EFTS OL, OC 18 points
Current issues in spatial data management including open standards, especially metadata and web services, spatial data infrastructure, legal issues in spatial data use and professionalising the GIS workforce.

P 216 points (including SURV 208 or 218 or SPIN 201)
R SURV 472, 510
SC Commerce, Science

SURV 411 Spatial Analysis and Modelling
S2 0.15 EFTS OL, OC 18 points
Spatial analysis, including geostatistics and network analysis. Environmental modelling incorporating spatial principal components analysis, spatial regression and A-based analysis tools such as the Geographic Information System (GIS).

P 216 points (including SURV 208 or 218 or SPIN 201)
R SURV 310, 508, 511, SPIN 402
RP SURV 319
SC Commerce, Science

SURV 412 Geovisualisation and Cartography
S1 0.15 EFTS OL, OC 18 points
A theoretical and practical grounding in geographic information visualisation. Alongside the conventional map display, alternative (non-) spatial representations, interfaces to geographic data and visual exploration of complex datasets will be covered.

P 216 points (including SURV 208 or 218 or SPIN 201)
R SURV 512
SC Commerce, Science

SURV 413 Resource Mapping and Image Processing
S2 0.15 EFTS OL, OC 18 points
Digital image pre-processing and processing, including advanced processing techniques. Field data collection, image classification, and image enhancement. Students will produce a resource map and critically evaluate its accuracy based upon literature searches and field checks.

P SURV 309 or 318
R SURV 424, 513
SC Science

SURV 450 Professional Practice
S2 0.15 EFTS OL, OC 18 points
Professional bodies, duties and behaviour. Professional practice and management.

P 216 points
R SURV 418
SC Science

Note: May only be taken by students in the final year of study for a degree.

SURV 451 Surveying Methods 3
N1 0.135 EFTS OL, OC 18 points
The study of advanced surveying methods and tools including GPS position models, data processing methods and contemporary GPS. Positioning applications including deformation monitoring and analysis methods. Introduction to other space based positioning systems and global datums.

P (SURV 301 or 311) and (SURV 302 or 312)
R SURV 421, 551
SC Science

SURV 452 Hydrographic Surveying 2
S2 0.135 EFTS OL, OC 18 points
Fundamentals of acoustics, multibeam sonar systems, motion compensation, side scan sonar methods, LiDAR bathymetry, acoustic positioning, reporting, charting and error analysis, and electronic navigation charts (ENCs).

P (SURV 301 or 311) and (SURV 302 or 312) and
R SURV 322
R SURV 422, 552
SC Science
SURV 453 Urban Design 2
S2 0.135 EFTS OL, OC 18 points
Advanced urban design and land development planning: sustainability in urban design, urban design theory, place making and the built environment.

P SURV 303 or 315
PC PMAN 401
R SURV 425, 553
SC Science

Note: Non-Surveying students must seek approval from the Dean of the School of Surveying before enrolling in this paper.

SURV 454 Environmental Engineering
NO 0.135 EFTS OL, OC 18 points
A discussion of the cause and impact of environmental effects and how environmental engineering is involved in providing the means of avoidance, remediation or mitigation of adverse effects on the environment.

P 216 points
R SURV 428, 554
SC Science

SURV 455 Statutory Planning B
S1 0.135 EFTS OL, OC 18 points
Research and practice for the preparation and presentation of resource consent applications (notification requirements, assessments of environmental effects and public participation) under the Resource Management Act 1991, the functions, roles and decisions of the Environment Court and the Environmental Protection Authority.

P SURV 205 and 270 points
R SURV 335, 555
SC Science

SURV 456 Land Tenure 3
S2 0.135 EFTS OL, OC 18 points
An exposure to wider issues of land tenure, land administration, land registration and cadastral surveying in the national and international arena.

P 216 points
R SURV 426, 556
RP SURV 306 or 316
SC Science

Note: May not be credited together with SURV 427 passed before 2005.

SURV 457 Cadastral Surveying 3
S1 0.135 EFTS OL, OC 18 points
An in-depth cadastral project requiring field-work and a full dataset for LINZ lodgement. Advanced case studies of cadastral surveys, limited title surveys, surveyor’s responsibilities, digital cadastres, licensing issues.

P SURV 307 or 317
R SURV 427, 557
SC Science

SURV 458 Marine Law and the Environment
NO 0.135 EFTS OL, OC 18 points
An introduction to the law of the sea relating to hydrography including on-shore and off-shore boundary definition, delimitation zones, and the extent of continental shelves. Includes ocean policy, product liability, maritime law, and associated environmental issues.

P 216 points
R SURV 429, 558
SC Science

SURV 459 Engineering Surveying
SC 0.135 EFTS OL, OC 18 points
Precise surveying for engineering, scientific or industrial purposes. Includes survey techniques and management for major structures, tunnels, mining, deformation, and industrial measurement applications.

P (SURV 301 or 311) and (SURV 302 or 312)
R SURV 431, 559
SC Science

Note: May not be credited together with SURV 421 passed before 2005.

SURV 460 Construction Management
S2 0.067 EFTS OL, OC 9 points
Construction contracts and construction management for land development.

P PMAN 401 or 501
R SURV 432
SC Science

SURV 462 Hydrographic Field Design and Voyage
NO 0.135 EFTS OC 18 points
Planning, set up, execution, management, analysis and reporting of hydrographic surveys, including field work and voyage components.

PC SURV 452, PMAN 401
R SURV 462
SC Science

SURV 463 Advanced Practical Techniques in Hydrography
NO 0.135 EFTS OL, OC 18 points
Advanced course: planning, execution, management, analysis and reporting of a hydrographic survey, with student led fieldwork and voyage components.

PC SURV 452
R SURV 563
SC Science

Note for SURV 469-480:
Students must seek approval from the Dean of the School of Surveying before enrolling in these papers.

SURV 469 Special Topic
ES 0.135 EFTS OC, DP 18 points
A course of directed reading in a approved topic.

R SURV 430, 569
SC Science

SURV 470 Professional Project
ES 0.135 EFTS OC, DP 18 points
A project representative of the kind of professional report work undertaken in a government agency, surveying practice, consulting firm, etc.

P 360 points
R SURV 470
SC Science

SURV 473 Special Topic
FY 0.27 EFTS OC, DP 36 points
Courses in approved topics.

R SURV 573

SURV 474 Special Topic
FY 0.27 EFTS OC, DP 36 points
Courses in approved topics.

R SURV 574

SURV 480 Research Project
FY 0.27 EFTS OC, DP 36 points
A supervised project involving research and leading to the production of a research report.

R SURV 481

SURV 499 Vacation Employment
ES, FY 0 EFTS OC 0 points
Approved work experience.

LT BSurv, BSurv(Hons)
SC Science

SURV 509 Introduction to Remote Sensing Technologies
S1 0.1667 EFTS OL, OC 20 points
Introduction to the theory of electromagnetic radiation, remote sensing systems, multispectral scanners, radar instruments, image processing and image interpretation, as used in environmental monitoring. Photogrammetric image system calibration, data reduction, and systematic error analysis. Stereoscopic instrumentation, object space control and basic mission planning.

P 216 points
R SURV 309, 318

SURV 510 Management Issues in Geographic Information Systems
NO 0.1667 EFTS OL, OC 20 points
Current issues in spatial data management including spatial data infrastructure, open standards, metadata and web services, multisensor data modelling, legal issues in spatial data use and professionalising the GIS workforce.

P 216 points (including SURV 208 or 218 or SPIN 201)
R SURV 410, 472

SURV 511 Spatial Analysis and Modelling
S2 0.1667 EFTS OL, OC 20 points
Spatial analysis, including geostatistics and network analysis. Environmental modelling incorporating spatial principal component analysis, spatial regression and AI-based techniques such as fuzzy logic and expert systems.

P 216 points (including SURV 208 or 218 or SPIN 201)
R SURV 310, 411, 508, SPIN 402
RP One of SURV 319, 519

SURV 512 Geovisualisation and Cartography
S1 0.1667 EFTS OL, OC 20 points
A theoretical and practical grounding in geographic information visualisation. Alongside the conventional map display, alternative (non-) spatial representations, interfaces to geographic data and visual exploration of complex datasets will be covered.

P 216 points (including SURV 208 or 218 or SPIN 201)
R SURV 412

SURV 513 Resource Mapping and Image Processing
S2 0.1667 EFTS OL, OC 20 points
Digital image pre-processing and processing, including advanced processing techniques. Field data collection, image classification, and image enhancement. Students will produce a resource map and critically evaluate its accuracy based upon literature searches and field checks.

P SURV 309 or 318
R SURV 413, 424

SURV 519 Spatial Algorithms and Programming
S2 0.1667 EFTS OL, OC 20 points
Spatial data structures and algorithms, underpinned by spatial databases and programming, including customisation of GIS software.

P SURV 102 and (SURV 208 or 218 or SPIN 201)
R SURV 319
RP COMP 150

SURV 551 Advanced Surveying Methods
S1 0.1667 EFTS OL, OC 20 points
The study of advanced surveying methods and tools including GPS position models, data processing methods and contemporary GPS Positioning applications including deformation monitoring and analysis methods. Introduction to other space based positioning systems and global datums.

P (SURV 301 or 311) and (SURV 302 or 312)
R SURV 427, 451

SURV 552 Advanced Hydrographic Surveying
S2 0.1667 EFTS OL, OC 20 points
Fundamentals of acoustics, multibeam sonar systems, motion compensation, side scan sonar methods, LiDAR bathymetry, acoustic positioning, reporting, charting and error analysis, and electronic navigation charts (ENCs).

P (SURV 301 or 311) and (SURV 302 or 312) and SURV 322
R SURV 422, 452

SURV 553 Advanced Urban Design
S2 0.1667 EFTS OL, OC 20 points
Advanced urban design and land development planning: sustainability in urban design, urban design theory, place making and the built environment.

P SURV 303 or 315
PC PMAN 401
R SURV 425, 453

SURV 554 Advanced Environmental Engineering
NO 0.1667 EFTS OL, OC 20 points
A discussion of the cause and impact of environmental effects and how environmental engineering is involved in providing the means of avoidance, remediation or mitigation of adverse effects on the environment.

P 216 points
R SURV 428, 454

SURV 555 Advanced Statutory Planning
S1 0.1667 EFTS OL, OC 20 points
Research and practice for the preparation and presentation of resource consent applications (notification requirements, assessments of environmental effects and public participation) under the Resource Management Act 1991; the function, roles and decisions of the Environment Court and the Environmental Protection Authority.

P SURV 205 and 270 points
R SURV 335, 455

SURV 556 Advanced Land Tenure
S2 0.1667 EFTS OL, OC 20 points
An exposure to wider issues of land tenure, land administration, land registration and cadastral surveying in the national and international arena.

P 216 points
R SURV 426, 456
SURV 557 Advanced Cadastral Surveying
S1 0.1667 EFTS OL, OC 20 points
An in-depth cadastral project requiring field-work and a full dataset for LINZ lodgement. Advanced case studies of cadastral surveys, limited title surveys, surveyor’s responsibilities, digital cadasters, licensing issues.
P S SURV 307 or 317
R SURV 427, 457

SURV 558 Advanced Marine Law and the Environment
NO (2020) 0.1667 EFTS OL, OC 20 points
An introduction to the law of the sea relating to hydrography including on-shore and off-shore boundary definition, delimitation zones, and the extent of continental shelves. Includes ocean policy, product liability, maritime law, and associated environmental issues.
P 216 points
R SURV 429, 458

SURV 559 Advanced Engineering Surveying
S2 0.1667 EFTS OL, OC 20 points
Precise surveying for engineering, scientific or industrial purposes. Techniques, techniques, positioning and navigation for major structures, tunnels, mining, deformation, and industrial measurement applications.
P (SURV 301 or 311) and (SURV 302 or 312)
R SURV 431, 459

SURV 562 Hydrographic Field Design and Voyage
NO 0.1667 EFTS OL, OC, DL 20 points
Planning, set up, execution, management, analysis and reporting of hydrographic surveys including field work and voyage components.
PC SURV 452, PMAN 401
R SURV 462
LT (SURV-Ions), PGDPsci, MSurv, MSc

SURV 563 Advanced Practical Techniques in Hydrography
NO 0.1667 EFTS OL, OC 20 points
Advanced course: planning, execution, management, analysis and reporting of a hydrographic survey, with student-led fieldwork and voyage components.
PC SURV 562
R SURV 463

Note for SURV 569-575:
Students must seek approval from an appropriate School of Surveying supervisor, prior to enrolling in this paper.

SURV 569 Special Topic
ES 0.1667 EFTS OL, OC, DP 20 points
A postgraduate course of directed reading in an approved topic.
R SURV 430, 469

SURV 573 Special Topic
FY 0.3333 EFTS OC, DP 40 points
Courses in approved topics.
R SURV 473

SURV 574 Special Topic
FY 0.3333 EFTS OC, DP 40 points
Postgraduate courses in approved topics.
R SURV 474

SURV 575 Special Topic
FY 0.3333 EFTS OC, DP 40 points
Postgraduate courses in approved topics.
R SURV 475

SURV 590 Dissertation
FY 0.3333 EFTS OL, OC, DP 40 points
A supervised project involving original research and leading to the production of a dissertation.
R SURV 490, 591

Theatre Studies

THEA 122 Drama on Stage and Screen
S2 0.15 EFTS OL, OC 18 points
The study of conventions and techniques of drama and performance both on stage and on screen, using texts drawn from cinema and television as well as theatre.
SC Arts and Music

THEA 151 Improvisation
S1 0.15 EFTS OL, OC 18 points
An introduction to the principles and methods of improvisation through the practical exploration of spontaneity, teamwork, narrative and status.
SC Arts and Music

THEA 152 Theatre Technology
ES 0.15 EFTS OL, OC, DP 18 points
An introduction to the technology of theatre, including lighting, the operation of audio technology and stage management.
R THEA 212, 213
SC Arts and Music

Note: Students majoring in Theatre Studies must normally pass THEA 152 in their first or second year of study.

THEA 153 Voice and Movement
S2 0.15 EFTS OL, OC 18 points
The nature and philosophy of voice and movement in communication, and the development of personal awareness and requisite skills through practical training.
SC Arts and Music

THEA 221 Theatre: Ancient to Contemporary
S1 0.15 EFTS OL, OC 18 points
A survey of international theatre from Ancient Theatre to Contemporary Performance. The conceptual, critical understanding of plays, productions, and the formal characteristics of different types of performance.
P THEA 122
SC Arts and Music

THEA 241 Writing for Stage and Screen
S2 0.15 EFTS OL, OC, DP 18 points
The theory and practice of playwriting. The study and writing of short plays and screenplays.
P (THEA 101 or 121 or 122) or 54 points
SC Arts and Music

Note: Admission to THEA 241 in any year is limited. Students intending to enrol for this paper must contact Theatre Studies to complete an application form by 30 November 2018. Early applications are encouraged, but late applications may be considered.

THEA 251 Aspects of Physical Theatre
NO (2022) 0.15 EFTS OL, OC 18 points
The investigation and analysis of external, physical approaches to performance through the study of image, mask and devising.
P THEA 102 or 151
R THEA 213
SC Arts and Music

THEA 252 The Actor
S1 0.15 EFTS OL, OC 18 points
The study of the actor’s processes through an investigation of Stanislavsky’s system for actors and its subsequent developments.
P THEA 102 or 151
R THEA 212
SC Arts and Music

THEA 253 Bi-cultural Theatre
NO (2020) 0.15 EFTS OL, OC, DP 18 points
Examines bi-cultural theatre theory and practice in Aotearoa/New Zealand.
P (THEA 102 or 151) and 18 100-level THEA or MAOR points
R THEA 353
SC Arts and Music

THEA 256 Design for Theatre and Performance
NO 0.15 EFTS OL, OC 18 points
The history, principles and practices of design for theatre and performance, and the development of production design concepts.
P (THEA 152 or DESI 121 or MUSI 132) and 36 further points
R THEA 356
SC Arts and Music

THEA 257 Special Topic
S2 0.15 EFTS OL, OC 18 points
Performance as a cultural phenomenon in relation to a variety of historical and theoretical approaches to research methodology.
P THEA 211 or 221 or PERF 201
R THEA 423
SC Arts and Music

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator.

THEA 322 Theatre of Australasia
NO (2020) 0.15 EFTS OL, OC 18 points
A comparative study of selected theatre texts and performances from New Zealand, Australia and the Pacific.
P THEA 211 or 221
R THEA 424
SC Arts and Music

Theatre and Performance Studies

THEA 324 Aspects of Modern Drama and Theatre
NO 0.15 EFTS OL, OC 18 points
The study of a body of modern dramatic texts with reference to the particular context of their production.
P THEA 211 or 221 or 54 200-level points
R THEA 424
SC Arts and Music

THEA 325 Radical Theatre in Context, 1880-2000
NO 0.15 EFTS OL, OC 18 points
The study of a body of modern dramatizations (playwrights, directors, theorist-practitioners) and their texts, with particular reference to the intellectual, historical and artistic context of these models, and to the conceptual vision of each featured artist.
P THEA 211 or 223 or 255
R THEA 425
SC Arts and Music

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator.

THEA 341 Advanced Playwriting
S2 0.15 EFTS OL, OC, DP 18 points
The writing of a full-length play for the stage.
P THEA 203 or 241
SC Arts and Music

Note: Admission to THEA 341 in any year is limited. Students intending to enrol for this paper must contact Theatre Studies to complete an application form by 30 November 2018. Early applications are encouraged, but late applications may be considered.

T
Telecommunications
See minor subject requirements (page 105).

TESOL
(Teaching English to Speakers of Other Languages)
See minor subject requirements (page 105).

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See page 108 for more information.

*Up-to-date information on non-standard periods, paper availability and class times is available at otago.ac.nz/courses/papers
THEA 351 Performing Shakespeare
S2 0.15 EFTS OL, OC, DP 18 points
A practical and theoretical study, examining the work of the actor, specifically in relation to the performance and analysis of selected Shakespearean texts.

P One of THEA 212, 213, 251, 252
R THEA 306
SC Arts and Music

Note: Admission to THEA 351 in any year is limited. Students intending to enrol for this paper must contact Theatre Studies to complete an application form by 30 November 2018 and arrange an interview. Early applications are encouraged, but late applications may be considered.

THEA 352 Directing
S2 0.15 EFTS OL, OC, DP 18 points
An introduction to the role of the director, with emphasis on script analysis and interpretation. Each student will direct a short piece of approximately ten minutes duration.

P One of THEA 212, 213, 251, 252
R THEA 311, 312
SC Arts and Music

Note: Admission to THEA 352 in any year is limited. Students intending to enrol for this paper must contact Theatre Studies to complete an application form by 30 November 2018 and arrange an interview. Early applications are encouraged, but late applications may be considered.

Note for THEA 353-356:
Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator.

THEA 353 Bi-cultural Theatre
NO (2020) 0.15 EFTS OL, OC, DP 18 points
Examines bi-cultural theatre theory and practice in Aotearoa/New Zealand.

P 18 200-level THEA or MAOR points
R THEA 253
SC Arts and Music

The history, principles and practices of design for theatre and performance, and the development of production design concepts.

P 18 200-level THEA, DESI or PERF points
R THEA 256
SC Arts and Music

THEA 356 Design for Theatre and Performance
NO 0.15 EFTS OL, OC, DP 18 points
An overview of the key practices of the dramaturge, including editing of play-scripts, communicating with playwright, director and community, and the selection, development, research and analysis of plays for production.

P 18 200-level THEA, DESI or PERF points
R THEA 256
SC Arts and Music

THEA 357 Special Topic
S2 0.15 EFTS OL, OC, DP 18 points

Note: Admission to THEA 357 in any year is limited. Students intending to enrol for this paper must contact Theatre Studies to complete an application form and to arrange an interview or audition.

THEA 421 Special Topic: The Working Dramaturge
NO 0.1667 EFTS OC 20 points
An overview of the key practices of the dramaturge, including editing of play-scripts, communicating with playwright, director and community, and the selection, development, research and analysis of plays for production.

P 72 300-level ENGL or THEA points

THEA 422 Theatre of Australasia
NO (2020) 0.1667 EFTS OL, OC 20 points
A comparative study of selected theatre texts and performances from New Zealand, Australia and the Pacific.

P 72 300-level THEA points
R THEA 322
SC Arts and Music

Note: Students who have not passed the normal prerequisite may be admitted with approval from the Programme Co-ordinator.

THEA 423 Performance Research
NO 0.1667 EFTS OL, OC 20 points
Advanced study of performance as a cultural phenomenon in relation to a variety of historical and theoretical approaches to research methodology.

P 72 300-level THEA points
R THEA 323

Note: Admission by application to the Programme Co-ordinator.

THEA 424 Aspects of Modern Drama and Theatre
NO 0.1667 EFTS OL, OC 20 points
The study of a body of modern dramatic texts with reference to the particular context of their production.

P 72 300-level THEA points
R THEA 324

THEA 425 Radical Theatre in Context, 1880-2000
NO 0.1667 EFTS OL, OC 20 points
The study of a body of modern dramatuges (playwrights, directors, theorist-practitioners) and their texts, with particular reference to the intellectual, historical and artistic context of these models, and to the conceptual vision of each featured artist. Significant research on an artist of the student’s choice is required.

P 72 300-level THEA or ENGL points
R THEA 325

THEA 451 Advanced Directing
FY 0.3333 EFTS OL, OC, DP 40 points
The art of directing, through the study of the work of leading directors and through practical application, including the direction of two short plays.

P 72 300-level THEA points

THEA 452 Advanced Production Project
NO (2020) 0.1667 EFTS OL, OC, DP 20 points
The staff-led creation and realisation of a theatrical production (or productions) for public performance.

P 72 300-level THEA points

THEA 453 Directed Project in Theatre
NO 0.1667 EFTS OC, DP 20 points
Contribution to an approved theatrical project or the creation of an individual theatrical project.

P 72 300-level THEA points

THEA 454 Special Topic
FY 0.1667 EFTS OL, OC, DP 20 points

Note: Admission to THEA 454 requires departmental permission. Students wishing to apply for this paper must contact Theatre Studies to complete an application form and to arrange an interview or audition.

THEA 455 Shakespeare Text to Performance
NO 0.1667 EFTS OL, OC, DP 20 points
Exploring performance practices and an introduction to the dramaturgical and devising skills required to create a Shakespearean concept performance targeting a specific community and audience.

P 72 300-level THEA or ENGL points (including THEA 351)

THEA 456 Trauma and Violence in Performance
S1 0.1667 EFTS OL, OC 20 points
The issues and practices involved in representing trauma and violence in theatre and performance.

P 72 300-level THEA points
LT BA(Hons), PGDipArts
Note: May not be credited together with THEA 454 passed in 2011 or 2012.

THEA 480 Research Project
ES, FY 0.1667 EFTS OC, DP 20 points
Supervised study of an approved research topic in theatre studies, involving the writing of one or more long essays.

P 72 300-level THEA points
R THEA 481
LT BA(Hons), PGDipArts
Note: Admission by application to the Programme Co-ordinator by 1 February 2019.

THEA 490 Dissertation
FY 0.3333 EFTS OC, DP 40 points
The supervised study of an approved topic in theatre studies, involving the writing of one or more long essays.

P 72 300-level THEA points
LT BA(Hons), PGDipArts
Note: Admission by application to the Programme Co-ordinator by 1 February 2019.

THEA 580 Studio Project in Theatre
ES, FY, N1 0.5 EFTS OC 60 points
Creation of one or more approved theatre projects.

LT MA
Note: Admission is by application to the Head of Programme (Theatre Studies) by 1 February.

THEA 590 Research Dissertation
N1, N2 0.5 EFTS OL, OC 60 points
A supervised research dissertation of up to 20,000 words on an approved topic.

LT MA

Theology
See entries for Biblical Studies, Christian Thought and History, Hebrew, Ministry and Pastoral Studies. Also see minor subject requirements (page 105).

Tourism
TOUR 101 Introduction to Tourism
SS, ES 0.15 EFTS OL, OC, DL 18 points
An introduction to the global principles that structure tourism, the nature and operation of the tourist industry and the impact, development and management issues that arise from tourism.

R TOUX 101
SC Commerce

TOUR 102 Global Tourism
SS, S2 0.15 EFTS OL, OC, DL 18 points
The major issues in world tourism as it is differentiated on a global regional basis; integrated illustrative case studies.

R TOUX 102
SC Commerce

TOUR 103 Introduction to Hospitality
S1 0.15 EFTS OL, OC, DP 18 points
An introduction to the business of wine. The culture of wine, wine regions, sensory evaluation, structure of the industry, the market for wine, wine tourism, distribution and sales.

P 108 points
SC Commerce

TOUR 216 Sport Tourism
S1 0.15 EFTS OL, OC, DP 18 points
An application of tourism development concepts and themes to the subject of sport tourism. Critical consideration of theoretical and applied aspects of sport tourism in the context of their manifestations in space and time. Management implications and strategies relevant to the sustainable development of sport tourism businesses and destinations.

P 108 points
SC Commerce

TOUR 217 Tourist Behaviour
S2 0.15 EFTS OL, OC, DP 18 points
An introduction to how tourist behaviour is shaped and influenced by a wide variety of internal and external stimuli in relation to tourism marketing, planning, and development processes.

P TOUR 101 or TOUR 103
R TOUX 217
SC Commerce

TOUR 218 Tourism and Hospitality Enterprise Management
S2 0.15 EFTS OL, OC, DP 18 points
Highlights the unique nature of hospitality and tourism businesses. Co-creation, performance and HRM, seasonality, yield management, distribution, production and selling of ‘experiences’.

P TOUR 101 or 108 points
SC Commerce

Prescriptions
TOUR 219  Destination Management  
S1 0.15 EFTS OL, OC 18 points  
Introduction to the management of tourism destinations. Includes an examination of accessibility and supply within the tourism system, demand forecasting and crisis management, stakeholder relations, strategic planning, promotion, evaluation and issues of sustainability.  
P: TOUR 101 or TOUX 101  
R: TOUR 211, 212, TOUX 211  
SC: Commerce

TOUR 221  Special Topic  
NO 0.15 EFTS OC 18 points  
A special topic in tourism.  
SC: Commerce

TOUR 301  Cultural and Heritage Tourism  
S2 0.15 EFTS OL, OC 18 points  
The nature of cultural and built heritage and their relationships with tourism. Issues include: the management of cultural systems for tourism, the identification, promotion and development of heritage as a sustainable heritage tourism product.  
P: S4 200-level points  
SC: Commerce

TOUR 303  Tourist Accommodation Management  
S1 0.15 EFTS OL, OC 18 points  
A synthesis and examination of factors influencing the operation of accommodation sector organisations and businesses. An application of the knowledge and skills from prior learning in the area of tourism and hospitality human resources management, yield management, and the environmental and managerial conditions specific to the accommodation sector.  
P: TOUR 103 or S4 200-level points  
SC: Commerce

TOUR 304  Event and Conventions Management  
S2 0.15 EFTS OL, OC 18 points  
Principles of meetings, event and festival management. Topics include the significance of conventions and events, conventions and meetings design, management, planning processes, methods and evaluation of conventions and events, infrastructural requirements, impacts, volunteers, sponsorship, programming, event planning and development.  
P: TOUR 103 or S4 200-level points  
R: TOUR 304  
SC: Commerce

TOUR 305  Tourism Product Development  
S2 0.15 EFTS OL, OC 18 points  
An introduction to analysis of existing tourism products and the development of new tourism products, including how particular narratives are constructed to tell a story to be associated with the product. Also, this paper provides a framework, within persuasive communication, for managing consumer behaviour at the site where a product is offered.  
P: S4 200-level points  
SC: Commerce

TOUR 306  Ecotourism and Sustainable Development  
S1 0.15 EFTS OL, OC 18 points  
Introduction to the design and execution of tourism research methods. Emphasis is placed on using research to address issues relating to the development and marketing of tourism destinations as well as understanding tourism motivations and experiences.  
P: BSNS 102 or 112 and S4 200-level points  
R: TOUR 302  
SC: Commerce

TOUR 411  Tourism Culture  
S1 0.1667 EFTS OL, OC 20 points  
An advanced paper aimed at understanding tourists from a social and cultural perspective, including the scope and nature of tourism and tourist places.  
R: TOUX 418

TOUR 416  Tourism Entrepreneurship and Business  
S2 0.1667 EFTS OL, OC 20 points  
Practical and theoretical considerations and the entrepreneurial skills required to operate, finance, manage and acquire tourism businesses.  
P: 72 200-level TOUR or TOUX points  
R: TOUX 418

TOUR 420  Special Topic  
NO 0.1667 EFTS OC 20 points  
A special topic in tourism.  
SC: Commerce

TOUR 421  Special Topic: Global Hospitality Operations  
S2 0.1667 EFTS OL, OC 20 points  
An advanced course of study that examines the key theories and concepts surrounding hospitality and sustainable hospitality management in the twenty-first century and beyond.  
P: 72 200-level TOUR or TOUX points  
R: TOUX 418

TOUR 422  Tourism and Global Environmental Change  
S2 0.1667 EFTS OL, OC 20 points  
Introduction to tourism and business management in relation to nationally and globally significant natural resources and environments. Critical engagement with the local, national and global environmental issues associated with the development of tourism.  
Note: May not be credited together with TOUR 421 passed in 2014 or 2015.

TOUR 423  Advanced Tourism Concepts  
S1 0.1667 EFTS OL, OC 20 points  
An examination of the core concepts of tourism studies which incorporates the fields of leisure and recreation, hospitality, and events in a broad social, economic, and environmental frame.  
P: TOUR 421

TOUR 426  Event Management  
S1 0.1667 EFTS OL, OC 20 points  
Event management as a social, cultural, economic and environmental phenomena and as an important aspect of international business and tourism, including the key concepts of events and event tourism and critical evaluation and financial appraisal of how these work in terms of economic development.  
Note: May not be credited with TOUR 420 completed prior to 2018.

TOUR 427  Tourism and Development Ethnicraphic Field School  
Short Course 0.1667 EFTS OL, OC, DP 20 points  
A residential ethnographic field school conducted abroad, providing students with critical understanding and guided practical experience in designing and conducting ethnographic research related to tourism and development.  
R: TOUR 424

Note: Admission to this paper is subject to approval from the Head of Department.

TOUR 480  Dissertation  
FY 0.3333 EFTS OL, OC 40 points  
A report on an approved research or practical project, no longer than 15,000 words.  
R: TOUX 480  
LT: BCom(Hons)

WILM 401  Principles of Wildlife Management  
S2 0.1667 EFTS OL, OC 20 points  
The application of ecological science to solve issues of conservation, harvesting and the pest control of animal species.  
Note: Approval from the Head of Department of Zoology is required for non-PGDipWLM / MWLW students.

WILM 402  Techniques of Wildlife Management  
S1 0.1667 EFTS OL, OC 20 points  
A skills-based course on marking, counting and studying animals and on experimental design, analysis, interpretation and communication.  
LT: PGDipWLM, MWM

WILM 404  Data Analysis for Wildlife Management  
S1 0.1667 EFTS OL, OC 20 points  
The statistical analysis of real biological data. Graphical and exploratory analysis, estimation and hypothesis testing, experimental design, simulation. Project work consisting of analysis of a real data set.  
R: ZOOL 316  
LT: PGDipWLM, MWM

WILM 405  Special Topic  
NO 0.1667 EFTS OC, DP 20 points  
A special topic in tourism.  
LT: PGDipWLM, MWM

WILM 406  Conservation Biology for Wildlife Management  
S2 0.1667 EFTS OL, OC 20 points  
Ecological, genetic and biogeographic principles underlying biological conservation, rationale for conservation; genetics and population dynamics of small populations; conservation problems relating to human-mediated threats to species. Project work consisting of submission of a research proposal relating to the conservation of indigenous biodiversity in New Zealand.  
R: ECOL 311, ZOOL 319  
LT: PGDipWLM, MWM

WILM 501  Wildlife Management Research Placement  
S1 0.3333 EFTS OL, OC 40 points  
A research project relating to some aspect of wildlife management conducted as a placement within a host organisation.  
LT: MWM

Writing  
See minor subject requirements (page 105).
ZOOL 221 Animal Designs for Living
S1 0.15 EFTS OL, OC 18 points
The body plans of, and the relationships among, major animal phyla are examined using local fauna. Three field trips generate data that is manipulated and presented in report form.
P BIOL 112 SC Science

ZOOL 222 Evolutionary Biology
S2 0.15 EFTS OL, OC 18 points
Evolutionary theory and mechanism; systematics and phylogenetics; the evolutionary record; evolutionary ecology and behavioural ecology; evolution of human social behaviour.
P BIOL 112, CELS 191 SC Science

ZOOL 313 Animal Function and Environment
S1 0.15 EFTS OL, OC 18 points
The varied environments experienced by animals, the internal physiological mechanisms for succeeding in those environments, and some ecological implications (e.g. for life history, distribution, host/parasite relationships and/or under climate change).
P S4 200 level points from Science Schedule C
R P CHEM 191 SC Science

ZOOL 314 Neurobiology
S2 0.15 EFTS OL, OC 18 points
Evolution and development of brains; sensory systems and how animals perceive the world; control of agile movement; behavioural plasticity; mechanisms of memory.
P S4 200 level points from Science Schedule C

ZOOL 315 Behavioural and Evolutionary Ecology
S1 0.15 EFTS OL, OC 18 points
The behavioural ecology of reproduction and survival.
P S4 200 level points from Science Schedule C

ZOOL 316 Biological Data Analysis and Computing
S1 0.15 EFTS OL, OC 18 points
Uses real biological examples and computers, and deals with types of data and their acquisition; graphical and exploratory analysis; estimation and hypothesis testing; experimental design; computer-intensive methods and simulation.
P (STAT 110 or 115) and S4 200 level points from Science Schedule C
R WILM 404 SC Science

ZOOL 318 Freshwater Ecology
S2 0.15 EFTS OL, OC 18 points
Ecological interactions in inland waters with reference to management problems in New Zealand.
P S4 200 level points from Science Schedule C
R CHEM 191, ECOL 111 SC Science

ZOOL 409 Zoology
Note for ZOOL 221-223: HUBS 191 or 192, with at least a B pass, may replace the BIOL 112 prerequisite, with HOD approval.

ZOOL 410 Evolutionary Genetics
S2 0.1667 EFTS OC 20 points
Contemporary issues in evolutionary genetics. Species concepts, modes of speciation, phylogenetics, defining genetics units for conservation, and the identification and conservation value of hybrids.

ZOOL 411 Evaluating Trends and Controversies in Ecology and Evolution
S1 0.1667 EFTS OL, OC 20 points
Evaluation of past and current trends regarding questions in ecological and evolutionary research and of how those trends influence research outcomes and scientific conclusions.

ZOOL 412 Neurobiology and Behaviour
S2 0.1667 EFTS OC 20 points
Examination of neural basis of perception and behaviour in animals. Advantages and limitations of a simple systems approach for studying brain function.

ZOOL 413 Environmental Physiology
S1 0.1667 EFTS OC 20 points
The survival strategies of animals in extreme environments and the responses of animals, including embryos, to environmental temperature.

ZOOL 414 Comparative Physiology
S1 0.1667 EFTS OC 20 points
Issues in reproductive physiology of vertebrates, with emphasis on the mediation and modification of reproductive processes via chemical signals. The two major themes are stress and reproduction.

ZOOL 415 Parasitology
S1 0.1667 EFTS OC 20 points
Current topics and issues in parasitology, including biological control, parasite epidemiology, immunology, ecology and evolution of parasitism.

ZOOL 416 Freshwater Ecology
S1 0.1667 EFTS OL, OC 20 points
Current issues in freshwater ecology related to the management and conservation of rivers and lakes. Topics include disturbance, biomanipulation, climate change, biomonitoring and biodiversity.

ZOOL 417 Harvest Management
S2 0.1667 EFTS OL, OC 20 points
Current concepts and case studies in the sustainable use of wildlife resources, including commercial, recreational, cultural and subsistence harvests.

ZOOL 418 Conservation Biology of Marine Mammals
S2 0.1667 EFTS OL, OC 20 points
The major conservation problems faced by marine mammals, and the scientific methods used to quantify, reduce and avoid such impacts. Case studies are used to study integration of science and management. The paper focuses on science, including the biological features of marine mammals that make them relatively vulnerable (e.g. long-lived, slow reproducing), but also touches on the social and political dimensions of marine mammal conservation.

ZOOL 419 Special Topic: From Extinction to De-extinction
S1 0.1667 EFTS OC 20 points
Reconstructing prehistoric ecosystems and impacts of humans and climate change through the use of Quaternary techniques, including assessing extinction causes, what the future holds for conservation, ecosystem restoration and de-extinction.

ZOOL 420 Advanced Topics in Zoology
S2 0.1667 EFTS OC 20 points
Introduction to essential concepts and techniques in molecular genetics. Ideal introduction to research projects on gene expression or population/conservation/ecological genetics for those with minimal hands-on experience in genetics.
R GEN 311, 312, 313, 314, 360
LT BSc(Hons), MSc, PGDipSci

ZOOL 421 Essentials of Molecular Zoology
S1 0.1667 EFTS OC 20 points
A supervised project involving research and leading to the production of a research report.
LT PGDipSci

ZOOL 422 Research Project
FY, N1 0.3333 EFTS OC 40 points
A supervised project involving original research and leading to the production of a dissertation.
LT MSc
Summer School papers

This section lists all papers taught at Summer School. See pages 109 to 207 for details.

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<td>LAWS 475</td>
<td>Special Topic 6: Legal Practice</td>
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<td>LAWS 476</td>
<td>Special Topic 7: European Union Law</td>
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<td>LAWS 480</td>
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<td>MANT 361</td>
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<td>MAOR 110</td>
<td>Introduction to Conversational Māori</td>
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<td>MART 205</td>
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<td>MART 330</td>
<td>Special Topic: Integrated Digital Marketing</td>
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<td>MATH 151</td>
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<td>MATH 160</td>
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<td>MATS 204</td>
<td>Treasure or Trash: Sustainability of Materials</td>
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<td>PACI 103</td>
<td>Languages and Cultures of the Pacific: An Introduction</td>
</tr>
<tr>
<td>PEAC 506</td>
<td>Special Topic: Peace Traditions of Aotearoa New Zealand</td>
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<td>PHIL 103</td>
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<td>PHSI 170</td>
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<td>POLS 330</td>
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<td>RELS 214</td>
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<td>Religion, Law and Politics (Advanced)</td>
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<td>SPAN 131</td>
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<td>Introduction to Tourism</td>
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<td>TOUR 102</td>
<td>Global Tourism</td>
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<tr>
<td>TOUR 214</td>
<td>Introduction to Wine Business</td>
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Distance Learning

Otago offers a variety of programmes and papers through Distance Learning. Instruction is given through printed and digital resources, audio- and web-conference sessions, the internet, and residential schools and workshops.

Applying and enrolling

For a detailed description of the application and enrolment processes:

University Admission: page 24
Programme Admission: page 24
Course enrolment: pages 26-31
or see enrolment.otago.ac.nz

Teaching and examination periods

These may differ from the standard dates depending on the course or papers being studied. Contact the appropriate School or Department for more information, or see otago.ac.nz/courses/papers

Access to resources

> Electronic resources
Many papers are supported by a web based course management system, such as Blackboard, Moodle or OceanBrowser, which you will use to access course information, materials and learning activities. Some courses make podcasts available through the University's podcasting site, or make use of the webconferencing system, OtagoConnect.

If you are able to visit the Dunedin, Auckland, Wellington, Christchurch and Invercargill campuses, you can use the Otago network to access the internet for course-related work.

For help and information, contact the Information Technology Services Service Desk (see page 43).

> Distance Library Service (DLS)
Students enrolled in a Distance course or paper are eligible to use the Distance Library Service (DLS) to request research support, advice and help accessing library resources and request to have books, journal articles and chapters sent at no charge.

DLS enquiries and requests can be made:
by emailing distance.library@otago.ac.nz
Tel 0800 347 826 (0800 DISTANT)
(answer phone for after-hours enquiries within New Zealand)
Tel 64 3 179 8940 (from outside New Zealand)
Distance Library Service, Central Library, University of Otago, PO Box 56, Dunedin 9054
otago.libguides.com/distance

University ID cards

You must obtain a University ID card. Your username is printed on the card. Together with your password, it provides electronic access to library databases, catalogues, and course materials. For more information see page 38.

If you attend audioconferences at the Auckland Centre, Wellington Centre, or the Schools of Medicine and Health Sciences in Wellington or Christchurch, you may also require a separate venue access card. Information will be provided about this when your course begins.

Contacts

otago.ac.nz/courses/distance_study

> Dunedin campus
Distance Learning Office
AdministrativeAssistant
Distance Learning Office
University of Otago
PO Box 56, Dunedin 9054
Tel 64 3 479 4138
Email distance.learning@otago.ac.nz

> Campuses outside Dunedin
University of Otago, Christchurch
Ruth Helms, Manager, Academic Programmes
Department of the Dean
University of Otago, Christchurch
PO Box 4345, Christchurch 8140
Tel 64 3 364 0527
Email ruth.helms@otago.ac.nz

University of Otago, Wellington
Trevor Williams, Postgraduate Liaison Officer
University of Otago, Wellington
PO Box 7343, Wellington 6242
Tel 64 4 385 5543
Email trevor.williams@otago.ac.nz

Undergraduate Medical Students (Wellington)
Ann Thornton
Student Affairs Administrator
University of Otago, Wellington
Tel 04 385 5576
Email ann.thornton@otago.ac.nz

For general enquiries, contact the University Information Centre.
For a full list of department contacts see otago.ac.nz/courses/distance_study/otago002152
This section lists all papers taught by Distance Learning. The prescriptions section of this Guide provides information on whether a particular paper is being offered in 2018. See pages 109 to 206 for details.
Distance papers continued

CHTH 416 The Theology of Bonhoeffer
CHTH 420 Public Theology and Social Justice (Advanced)
CHTH 422 Citizenship, Democracy and Discipleship (Advanced)
CHTH 423 Theology and Human Well-being (Advanced)
CHTH 430 Special Topic
CHTH 490 Dissertation
CHTH 590 Research Dissertation

Clothing and Textile Sciences
CLTE 451 Physical Properties of Clothing and Textiles
CLTE 452 Social Aspects of Clothing and Textiles
CLTE 453 Research Methods
CLTE 454 Clothing, Materials and Workplace Injury
CLTE 455 Topic in Advanced Clothing and Textiles Sciences
CLTE 460 Cooperative Education Programme
CLTE 480 Research Project
CLTE 490 Dissertation
CLTE 495 Master's Thesis Preparation

Cognitive-Behavioural Therapy
COBE 404 Advanced Topics in Cognitive Behaviour Therapy

Computer and Information Science
COMP 390 ICT Industry Project

Continence Management
CTMG 401 Pathophysiology of Incontinence
CTMG 402 Management for Continence

Dentistry (Oral Health)
DEOH 501 Advanced Principles of Oral Health I
DEOH 502 Advanced Principles of Oral Health II
DEOH 580 Research dissertation

Education
EDDC 411 Doctor of Education Coursework
EDJS 106 Te Whiringa o Te Reo
EDUC 251 Education in New Zealand: Policy and Treaty Issues
EDUC 317 Information and Communication Technology in Education
EDUC 402 Current Issues in Education
EDUC 403 Perspectives on Teaching and Learning
EDUC 407 Researching Educational Issues
EDUC 411 Conceptualising and Designing Quality Educational Research
EDUC 412 Research Design and Methodology: Evidence-based Practice in Education
EDUC 421 Mathematics Education: Learning and Teaching
EDUC 423 Technology-enhanced Learning
EDUC 428 Special Topic: Becoming a Research-capable Teacher
EDUC 429 Special Topic 2
EDUC 430 Junior and Young Adult Literature in Cultural Contexts
EDUC 431 Special Topic
EDUC 432 Special Topic: Digital Technologies and Knowledge Building
EDUC 433 Special Topic
EDUC 435 Introduction to Internet-based Learning
EDUC 438 Leadership for Learning
EDUC 439 Strategic Educational Management
EDUC 440 Critical Analysis of Teaching
EDUC 441 Researching Personal Teaching Practice
EDUC 442 Studies in Teacher Education, Development, and Learning
EDUC 444 Pacific Education Issues: Culture, Identity and Schooling
EDUC 451 Inclusive Education
EDUC 453 Exercising Professional Leadership
EDUC 457 Pedagogy in Early Childhood Education
EDUC 459 Equality, Diversity and Education
EDUC 461 The Construction of Curriculum in Early Childhood Education
EDUC 462 Mentoring Teachers
EDUC 480 Research Study
EDUC 495 Thought in Action
EDUC 580 MEd Dissertation
EDUC 590 Professional Practice Portfolio
EDUC 591 Research Project
EDUC 592 Professional Inquiry
EDUT 132 An Introduction to Human Development

English
ENGL 590 Research Dissertation

Entrepreneurship
ENTR 411 Introduction to Entrepreneurship
ENTR 412 Feasibility Analysis
ENTR 413 Finance for Entrepreneurs
ENTR 414 Marketing and Selling
ENTR 415 New Venture Strategy
ENTR 420 Sustainable Entrepreneurship
ENTR 421 Technology and Entrepreneurship
ENTR 525 Business Project

French
FREN 590 Research Dissertation

Gender Studies
GEND 590 Research Dissertation

General Practice
GENA 702 Sexual and Reproductive Health
GENA 704 Te Tūhauora: Māori Health
GENA 708 Supervised Research Project
GENA 709 Long-term Condition Management
GENA 710 Mental Health and Illness in Primary Care
GENA 711 Long-term Condition Management (Advanced)
GENA 713 Travel Medicine 1: Introductory Concepts
GENA 714 Travel Medicine 2: Applied Concepts
GENA 717 Generalist Medical Echocardiography
GENA 718 Generalist Medical Ultrasound
GENA 719 Tropical Infectious Disease
GENA 720 Refractive and Migrant Health
GENA 723 Trauma and Emergencies in Rural Settings
GENA 724 The Context of Rural Hospital Medicine
GENA 725 Communication in Rural Hospital Medicine
GENA 726 Obstetrics and Paediatrics in Rural Hospitals
GENA 727 Surgical Specialties in Rural Hospitals
GENA 728 Cardiorespiratory Medicine in Rural Hospitals
GENA 729 Medical Specialties in Rural Hospitals
GENA 731 Supporting Healthier Lifestyles: Core Principles
GENA 732 Supporting Healthier Lifestyles: Sleep Management
GENA 734 Supporting Healthier Lifestyles: Addiction and Drug Abuse
GENA 735 Supporting Healthier Lifestyles: Challenging Conversations
GENA 736 Pacific Health
GENA 737 Obesity Prevention and Management
GENA 820 Nature of Medical Practice
GENA 821 Research Methods
GENA 822 Advanced Nature of General Practice
GENA 823 Teaching and Learning in Medical Practice
GENA 824 Ethics in General Practice
GENA 825 Culture, Health and Society
GENA 826 Special Topic

Geography
GEOG 590 Research Dissertation

German
GERM 590 Research Dissertation

Hazard Assessment and Management
HAA 401 Management of Chemical Hazards
HAA 408 Radiation Hazards
HAA 409 New Organisms: Risk Assessment and Management

Health Sciences
HASC 401 Special Topic
HASC 417 Health Sciences Research Methods
HASC 590 Dissertation
HASC 701 Working in Interprofessional Clinical Teams
HASC 780 Research Project
HASC 817 Health Sciences Master's Research Methods

Hebrew
HEBR 131 Introductory Biblical Hebrew 1
HEBR 132 Introductory Biblical Hebrew 2

Higher Education
HEDU 501 Critical Reflection on Higher Education
HEDU 502 Learning Theory and Practice in Higher Education
HEDU 503 Research in Higher Education
HEDU 504 Academic Leadership in Higher Education
HEDU 510 Special Topic
HEDU 590 Research Project

History
HIST 590 Research Dissertation

Human Nutrition
NUTN 401 Principles of Human Nutrition
NUTN 402 Nutrition and Health Promotion
NUTN 404 Nutrition and Chronic Disease
NUTN 407 Advanced Sports Nutrition

Humanities
HUMS 301 Internship Practicum
HUMS 401 Internship Practicum

Indigenous Development/He Kura Matanui
INDV 590 Research Dissertation

Indigenous Studies
INGS 501 Indigenous Theory and Method
INGS 510 Special Topic
INGS 590 Research Report

Information Science
INFO 411 Machine Learning and Data Mining

Japanese
JAPA 590 Research Dissertation

Linguistics
LING 590 Research Dissertation

Maori and Indigenous Business
MAIB 701 Theories of Learning
MAIB 702 The Māori Economy
MAIB 703 Critical Analysis and Writing
MAIB 704 Decision Making in Business
MAIB 711 Māori in Business 1
MAIB 712 Business Communication
MAIB 713 Process and Project Management
MAIB 714 People Management
MAIB 721 Māori in Business 2
MAIB 722 Marketing
MAIB 723 Innovation and Entrepreneurs
MAIB 724 Finance and Accounting
MAIB 731 Māori Business 3
MAIB 732 Career Management
MAIB 733 International Business
MAIB 734 Advanced Social Enterprise
Distance papers continued

Maori Studies
MAOR 404 Toki te Whenua - Land, Lore and Colonialism
MAOR 407 Presenting Pacific Histories
MAOR 413 Te Tiriti i Te Kaupapa - Māori and Indigenous Education
MAOR 590 Research Dissertation

Materials Science and Technology
MATS 204 Treasure or Trash: Sustainability of Materials

Medical Imaging
MEIM 401 Radiodiagnosis of Body Imaging
MEIM 402 Radiodiagnosis of Reproductive and Pregnancy Imaging
MEIM 403 Radiodiagnosis of Head, Neck and Musculoskeletal System
MEIM 410 Imaging Technology – Ultrasound
MEIM 411 Imaging Technology – Computed Tomography (CT)
MEIM 412 Imaging Technology - Magnetic Resonance Imaging (MRI)

Medical Laboratory Science
MELS 401 Advanced Diagnostic Chemical Pathology
MELS 402 Clinical Microbiology
MELS 403 Clinical Virology
MELS 404 Diagnostic Molecular Pathology
MELS 405 Cytopathology
MELS 406 Haematology
MELS 407 Histopathology
MELS 408 Transfusion Science
MELS 409 Clinical Immunology

Media, Film and Communication
MFCD 590 Research Dissertation

Medical Technology
MTSC 701 Biomedical Science for Medical Technicians
MTSC 702 Physiological Monitoring for Medical Technicians
MTSC 703 Cardiovascular Science for Medical Technicians
MTSC 704 Cardiovascular Technology
MTSC 706 Sleep Technology

Ministry
MINS 403 Theological Reflection
MINS 405 Special Topic
MINS 406 Theological Perspectives on Leadership
MINS 407 Preaching and Communication in a Contemporary Context
MINS 408 Cultures, Migration and Faith
MINS 409 Chaplaincy Studies (Advanced)
MINS 410 Pastoral Care in Dying, Grief and Loss
MINS 411 Chaplaincy in Diverse Contexts
MINS 412 Church in Mission: Theology in Changing Cultures (Advanced)
MINS 413 Misional God, Missional People (Advanced)
MINS 414 Arts and Cultures in Christian Ministry and Mission (Advanced)
MINS 590 Research Project

Musculoskeletal Medicine
MSME 701 Clinical Diagnosis
MSME 702 Musculoskeletal Tissues
MSME 703 Musculoskeletal Medicine
MSME 704 Introduction to Pain Management
MSME 705 Regional Disorders - Spine
MSME 706 Regional Disorders - Limbs
MSME 707 Musculoskeletal Management
MSME 708 Introduction to Pain Management
MSME 709 Clinical Therapeutics
MSME 710 Recreational and Sports Injuries
MSME 711 Pain Assessment

Music
MUSI 590 Research Dissertation

Nursing
NURS 403 Mental Health Nursing Practice
NURS 404 Advanced Mental Health Nursing Practice
NURS 405 Health Assessment and Advanced Nursing Practice
NURS 409 Mental Health Nursing Practice
NURS 411 Nursing - High Acuity
NURS 413 Primary Health Care Nursing - Rural/Urban
NURS 415 Nursing Research Methods
NURS 416 Nursing - Applied Pharmacology
NURS 418 Nursing Education - Principles and Practice
NURS 423 Nursing - Leadership and Management 1
NURS 424 Nursing - Leadership and Management 2
NURS 426 Nursing - Gerontology
NURS 427 Long-term Conditions: Pathophysiology and Management
NURS 428 Long-term Condition Management (Advanced)
NURS 429 Therapeutics for Advanced Nursing
NURS 430 Advanced Nursing Practicum
NURS 431 Rural Nursing
NURS 433 Intellectual Disability: Theory into Practice

Obesity Prevention and Management
OBPM 401 Medical and Surgical Management of Obesity
OBPM 402 Psychosocial Factors in Obesity Prevention and Management

Obstetrics and Gynaecology
OBGY 712 Pre and Early Pregnancy Care
OBGY 713 Pregnancy Care in the Community
OBGY 715 Medical Gynaecology I
OBGY 716 Medical Gynaecology II
OBGY 717 Obstetrics and Gynaecology Clinical Training
OBGY 718 Obstetrics and Gynaecology Residential Course 1
OBGY 719 Obstetrics and Gynaecology Residential Course 2

Occupational Health
OCCH 401 Occupational Health
OCCH 402 Occupational Safety

Ophthalmology
OPHT 801 Ophthalmic Anatomy
OPHT 802 Ophthalmic Physiology
OPHT 803 Ophthalmic Optics
OPHT 804 Practical Ophthalmic Basic Sciences
OPHT 805 Ocular Genetics

Pacific Islands Studies
PACI 401 Tikai Pasifika - Women in Polynesia
PACI 402 Resource Conservation and Environment in the Pacific
PACI 410 Special Topic: Leadership Transition in the Pacific

Pain and Pain Management
PAIN 701 Neurobiology of Pain
PAIN 702 Biomedical Pain Management
PAIN 703 Psychosocial and Cultural Aspects of Pain

Pastoral Studies
PAST 206 Special Topic
PAST 207 Special Topic: Liturgical Theology
PAST 215 Christianity, Society and Ministry in New Zealand
PAST 216 Current Perspectives on Pastoral Care
PAST 219 Christian Witness in a Secular World
PAST 306 Special Topic

PAST 307 Special Topic
PAST 308 Special Topic
PAST 311 Preaching and Communication in a Contemporary Context
PAST 314 Cultures, Migration and Faith
PAST 315 Christianity, Society, and Ministry in New Zealand (Advanced)
PAST 316 Current Perspectives on Pastoral Care (Advanced)
PAST 317 Chaplaincy Studies
PAST 318 Pastoral Care in Dying, Grief and Loss
PAST 319 Christian Witness in a Secular World
PAST 320 Church in Mission: Theology in Changing Cultures
PAST 321 Missional God, Missional People
PAST 322 Arts and Cultures in Christian Ministry and Mission
PAST 490 Dissertation

Pharmacy
PHCY 506 Research Methods
PHCY 510 Evidence-Based Practice
PHCY 511 Patient-Centred Care
PHCY 512 Advanced Clinical Pharmacy
PHCY 522 Applied Clinical Pharmacy 1
PHCY 523 Applied Clinical Pharmacy 2
PHCY 524 Pharmacoeconomics and Drug Evaluation
PHCY 525 Core Clinical Pharmacy
PHCY 541 Medicines Information
PHCY 542 Medicines Management
PHCY 547 Medicines and Culture
PHCY 548 Pharmaceutical Policy
PHCY 590 Dissertation
PHCY 601 Principles of Prescribing
PHCY 602 Prescribing Practicum

Philosophy
PHIL 590 Research Dissertation

Physiotherapy
PHTY 501 Biomedical Science in Physiotherapy
PHTY 530 Theoretical Constructs in Clinical Practice
PHTY 535 Neurorehabilitation
PHTY 539 Occupational Health Physiotherapy
PHTY 542 Sports Physiotherapy
PHTY 543 Orthopaedic Manipulative Therapy
PHTY 545 Advanced Studies in Physiotherapy
PHTY 548 Introduction to Musculoskeletal Acupuncture
PHTY 561 Clinical Practice
PHTY 610 Research Methods
PHTY 650 Research Project

Primary Health Care
PRHC 701 New Zealand Primary Health Care
PRHC 702 Wilderness and Expedition Medicine

Psychological Medicine
PSME 401 Nature, Extent and Assessment of Mental Disorders
PSME 404 Addiction Assessment
PSME 405 Contemporary Approaches to Mental Health Practice
PSME 406 Research Methods: Mental Health
PSME 407 Forensic Psychiatry
PSME 416 Addiction Applied Theory
PSME 418 Eating Disorders
PSME 422 Addiction Treatment
PSME 424 Addiction Pharmacotherapy
PSME 425 Introduction to Interpersonal Psychotherapy
PSME 426 Advanced Applications of Interpersonal Psychotherapy
PSME 427 Interpersonal Psychotherapy
PSME 428 Psycho-oncology
PSME 429 Suicidal Behaviours, Research and Prevention
**Academic points:** Each paper has an academic points value that indicates the amount of credit that will be gained towards completing a programme if the paper is passed. Most undergraduate papers are worth 18 points each and a three-year bachelor’s degree typically requires a total of at least 360 points. See also Workload points.

**Academic progress:** Academic progress is a generic term relating to a student’s overall progress in a programme. The way in which this is assessed will vary considerably depending on the context. For example:
- Passing 50% or more of the points for which the student is enrolled (Academic Progress Policy)
- Achieving a specific grade average (e.g. B+) or higher
- Receiving a satisfactory written progress report from their supervisor (e.g. a PhD candidate)

**Academic Progress Policy:** A student who fails to make satisfactory progress (i.e. pass half or more of the points enrolled for in a calendar year) will be placed on Conditional Enrolment and may enrol for a prescribed course of study only, in the next year of enrolment. Such a student who passes fewer than half of the points in the Conditional Enrolment year will be suspended from enrolment from the University for the subsequent two calendar years.

This policy will be applied to students transferring from other tertiary institutions as if their previous study had been undertaken at the University of Otago. Students suspended under the academic progress policies (or equivalent) of other universities will not be permitted to apply to transfer to the University of Otago until such time as that suspension has passed.

**Ad Eundem Statum Admission:** Admission “at the same level”, which is usually granted on the basis of qualifications from overseas or non-university tertiary qualifications gained within New Zealand. Admission can be at entrance level (for students with the equivalent of a standard university entrance qualification e.g. through CIE, IB), or with credit for one or more papers, or at graduate level if you have completed a degree or equivalent qualification.

**Admission:** Refers either to admission to the University or to a specific paper or programme. Apart from a few special circumstances, a person must have a university entrance qualification (normally on the basis of NCEA credits, bursaries results, ad eundem statum admission, special admission, provisional entrance or discretionary entrance) and must have fulfilled language requirements in order to be admitted as a student (new and recommencing students enrolling for most undergraduate courses will be selected via Preferential Entry or Competitive Entry).

Also, admission to an honours or postgraduate programme or to a paper or programme with limited numbers (e.g. degrees in Medicine, Law, Surveying) requires special approval.

**Allowable Timetable Clash:** a timetable clash between teaching events, where at least one of the teaching events has pre-approved arrangements in place which can accommodate the clash. Students are not normally permitted to have more than one allowable timetable clash per week per teaching period.

**Application for study:** The act of applying for admission to the University and/or to a particular programme.

**Assessment:** The process by which learning is evaluated either internally on the basis of essays, reports, exercises, and tests or by a final examination at the end of the teaching period, or by a combination of both.

**Audioconference:** Some papers are taught by audioconference, a telephone link which enables students and lecturers in different towns to talk simultaneously to each other. (See also Distance Learning)

**Bachelor’s degree:** A first or undergraduate degree, normally requiring at least three years of full-time study.

**Blackboard:** A web-based learning environment where University course materials, class discussions, assignments and assessments are available on the internet to enhance on-campus learning and/or to deliver distance learning.

**Bridging course:** A course to assist students to prepare for study in a later academic semester or year (see page 36).

**Calendar:** The University’s official publication containing its statutes, regulations (including programme requirements), important dates, and other information. It is available from the University Book Shop and many libraries.

**Campus:** The grounds and buildings of the University.

**Certificate:** See postgraduate certificate.

**Certificate of Proficiency:** A term which describes a paper not necessarily being counted towards a particular qualification (e.g. an additional paper surplus to degree requirements); or a paper being repeated in the hope of gaining a higher grade; or a paper being taken to complete a degree at another university (e.g. an Otago paper being taken for a Canterbury degree).

**Change of course:** The process by which a student who has completed course enrolment has been given) complete the declaration which constitutes a formal commitment to the course and to liability for associated fees. Students who fail to complete course enrolment on time may not have access to all University resources.
Credit: Papers or points passed at Otago, or for which a student has been granted credit on the basis of work completed elsewhere or RPL credit, that may be counted towards a University of Otago programme.

Cross credit: Cross credit describes the situation in which a pass in a University of Otago course or paper is able to be credited by a student towards the requirements for two University of Otago qualifications. Neither qualification may be a postgraduate qualification or a graduate diploma or graduate certificate. The number of points that may be cross credited varies according to the minimum number of years required to complete the programmes concerned.

Credit for study elsewhere: Credit may be granted towards Otago qualifications based on study completed at another tertiary institution, or as "recognition of prior learning" (for certain Māori Studies and Surveying papers only). Credit may be granted as specified credit (recognising that the passes from elsewhere are equivalent to specific Otago papers, e.g. HIST 102 and 106) or as unspecified credit (recognising passes that do not correspond exactly to any Otago papers, e.g. 36 unspecified Arts points at 100-level).

Dean: The academic and administrative Head of a School or Faculty.

Debtor: A student who owes money to the University and is listed as a debtor. Such students will not have access to the full range of University services until payment of any outstanding amount is made.

Degree: The academic award conferred by the University on the successful completion of a programme of study. The four levels of degree are (in ascending order) ordinary bachelors', honours, masters' and doctoral degrees. Most bachelors' degrees require at least 3 years of study (some require 4, 5 or 6); other degrees require 1-3 years of study after completion of earlier qualifications.

Deletion (of a paper): Deletion of a paper (as opposed to withdrawal) indicates the student has removed the paper from their enrolment before the prescribed cut-off dates and may be eligible for a fees refund. The paper will also cease to appear on the student's academic record.

Distance Learning: A means of teaching and learning not requiring regular attendance at a campus of the University.

Division: The University is divided into four teaching Divisions – Commerce (also known as the Otago Business School), Health Sciences, Humanities, and Sciences – which include the staff in all of the Departments and Schools in each of the four groups of related disciplines. Some Departments teach courses for degrees based in other Divisions (e.g. Information Science is a Commerce subject taught by a Commerce department but can also be taken for degrees in Arts and Science).

Doctoral degrees: The most advanced degrees of the University, mostly awarded on the basis of a thesis or a portfolio of published works of special excellence, but sometimes involving taught papers as well. Doctoral graduates may use the title ‘Doctor’.

Domestic student: Students are classified as domestic if they are New Zealand citizens (including citizens of the Cook Islands, Tokelau, and Niue), or holders of a New Zealand resident class visa granted under the Immigration Act 2009 resident and studying in New Zealand, or Australian citizens or permanent residents of Australia resident and studying in New Zealand. All other students are classified as international students and normally require a student permit to study in New Zealand.

Double degree programme: A programme of study that leads towards two degrees (e.g. BA and BCom), which normally includes cross crediting.

Double major: A programme of study for a bachelor's degree which includes the major subject requirements for two subjects (two separate sets of 300-level papers are required).

EFTS (Equivalent full-time student): A unit of measurement of a student's enrolment used in the funding system for the University. A typical full-time student's year equals 1.0 EFTS unit and the papers taken are fractions of that unit. In practice, a year's study will vary in EFTS value according to the papers studied.

Endorsement: A subject or area of specialisation for certain qualifications (e.g. PGCertHealthSc endorsed in Human Nutrition).

Enrolment: The collective term used for application, course enrolment, and payment of fees. Further information about enrolment is available at otago.ac.nz/study/enrolment.

Entry Authority at Auckland: A person who has had a degree conferred.

Entry Field: A decision-making body for academic matters affecting a group of Departments or a specialist School.

Entry Pathway System: The system under which new or recommencing domestic students who are applying for enrolment in a general bachelor's degree and some other courses (e.g. Health Sciences First Year), have their applications assessed and either approved or declined. Also see Competitive Entry and Preferential Entry.

Exemption: Permission to leave a particular requirement out of a course. This normally requires approval by the Division concerned.

Faculty: A decision-making body for academic matters affecting a group of Departments or a specialist School.

Fees: Enrolment in any paper or programme involves liability for the payment of fees to the University. Most fees fall under the following categories: Tuition fee, Students Services fee, and Non-tuition (administration) fees.

Field trip: An off-campus visit, usually to observe natural phenomena or to collect specimens (often a compulsory part of courses in subjects such as Botany or Geology).

Final Examinations: Formal examinations conducted under the authority of the Senate at the end of the teaching period for a paper.

Finalist: A student enrolled for a course which is sufficient to complete a qualification in that semester or year.

Final examinations: Often called ‘finals’, these are formal examinations conducted under the authority of the Senate at the end of the teaching period for a paper.

First-year student: A student who has not previously attended the University of Otago or any other university in New Zealand.

Full-time (course): Generally between 54 and 72 points in any one semester or 108 and 144 points in any one year. (Also see Workload.)

General bachelors’ degrees: Any of the ordinary bachelors’ degrees (BA, BAppSc, BASc, BBlimedSc, BCom, BHealthSc, MusB, BPA, BPhEd, BSc, BTheol, BASc), most of which have a choice of major subjects, available to eligible students under the Entry Pathway system.

Grade: A letter awarded for a particular paper which indicates the level of performance in examinations and other assessment. (A+ is top grade; C- is lowest passing grade; D and E are failing grades).

Grade Point Average (GPA): A numerical measure of a student’s academic achievement. When a GPA is needed at Otago for admission or scholarships purposes, a numerical value is assigned to each letter grade (A+ =9, A=8, A−=7, B+=6, B+=5, B−=4, C+=3, C=2, C−=1). The weighted average is then calculated (taking into account differing point values of papers).

Graduand: A student who has completed the requirements of a qualification, but has not yet graduated.

Graduate: A person who has had a degree conferred.

Permission to leave a particular requirement out of a course. This normally requires approval by the Division concerned.

Faculty: A decision-making body for academic matters affecting a group of Departments or a specialist School.

Fees: Enrolment in any paper or programme involves liability for the payment of fees to the University. Most fees fall under the following categories: Tuition fee, Students Services fee, and Non-tuition (administration) fees.

Field trip: An off-campus visit, usually to observe natural phenomena or to collect specimens (often a compulsory part of courses in subjects such as Botany or Geology).

Final Examinations: Formal examinations conducted under the authority of the Senate at the end of the teaching period for a paper.

Finalist: A student enrolled for a course which is sufficient to complete a qualification in that semester or year.

Final examinations: Often called ‘finals’, these are formal examinations conducted under the authority of the Senate at the end of the teaching period for a paper.

First-year student: A student who has not previously attended the University of Otago or any other university in New Zealand.

Full-time (course): Generally between 54 and 72 points in any one semester or 108 and 144 points in any one year. (Also see Workload.)

General bachelors’ degrees: Any of the ordinary bachelors’ degrees (BA, BAppSc, BASc, BBlimedSc, BCom, BHealthSc, MusB, BPA, BPhEd, BSc, BTheol, BASc), most of which have a choice of major subjects, available to eligible students under the Entry Pathway system.

Grade: A letter awarded for a particular paper which indicates the level of performance in examinations and other assessment. (A+ is top grade; C- is lowest passing grade; D and E are failing grades).

Grade Point Average (GPA): A numerical measure of a student’s academic achievement. When a GPA is needed at Otago for admission or scholarships purposes, a numerical value is assigned to each letter grade (A+ =9, A=8, A−=7, B+=6, B+=5, B−=4, C+=3, C=2, C−=1). The weighted average is then calculated (taking into account differing point values of papers).

Graduand: A student who has completed the requirements of a qualification, but has not yet graduated.

Graduate: A person who has had a degree conferred.
Graduate diploma: A qualification available only to graduates but comprising papers at undergraduate level.

Health Declaration: If you wish to apply for special consideration on health grounds because you miss a compulsory class or assessment for health reasons, or in connection with a final examination for health reasons, you should normally use a Health Declaration Form. A section must be completed by a health professional if a final examination is involved, but is not always required in other cases; check with the department or school concerned. There is a different process for some programmes (e.g. Dentistry, Medical Laboratory Science, Medical Radiation Therapy, Medicine, Pharmacy, Physiotherapy). Students enrolled in those programmes must check with their schools or departments on their requirements.

HOD: Head of Department

Honours degree: A more specialised degree than an ordinary bachelor's degree, usually involving more papers in the subject of the degree and a research report or dissertation. In most subjects, the honours degree is a postgraduate degree, requiring an additional year of study after completion of an ordinary three-year bachelor's degree. In other cases (particularly professional programmes), the honours degree is an undergraduate degree requiring additional work but taking no longer than the corresponding ordinary degree.

Interest Only enrolment: Interest Only enrolment is when a student is permitted to enrol for a paper and to attend classes without undertaking any examinations or other formal assessment (and therefore without the possibility of being awarded any credit for the paper). Interest Only enrolment is not normally available to students who are also taking courses for credit to students who are also taking courses for credit in the same enrolment period.

Internal assessment: In addition to or instead of final examinations, some or all of the final grade for each paper is based on internal assessment - results for essays, assignments, laboratory or other practical work, and tests or examinations (sometimes known as terms tests) conducted by individual departments or schools.

International student: Any student who is not a domestic student (see entry above). International students normally require a student visa to study in New Zealand.

Laboratory: A teaching session involving experimental or practical work.

Lecture: The main method of instruction at the University. Usually a 50 minute oral teaching session.

Level: The different stages at which a subject is taught which reflect how advanced a paper is (e.g. 100-level is the first level).

Main enrolment period: Covers first and second semester.

Major subject: The subject chosen as the main area of study for an ordinary bachelor's degree and studied up to 300-level.

Managed Enrolment / Entry Pathway System: The system under which first year, transferring or recommencing students who are applying for enrolment in a programme subject to this system, have their applications assessed and either approved or declined.

Master's degree: An advanced degree taken by a student who already holds a bachelor's degree. It normally involves research for a thesis or a dissertation.

Matriculation: The formal addition of a student's name to the records of the University at the beginning of the first year of enrolment. It occurs when a student completes the declaration at the end of course enrolment.

Minor subject: A recognised selection of papers in a particular subject area, in addition to a major subject. Normally five papers are required, with two at 200-level and one at 300-level.

National Student Index (NSI): The National Student Index is a national register of all students in the New Zealand education system. Each student on the register has a unique National Student Number (NSN). All students enrolled in formal tertiary education are required to have an “active” NSN, meaning the name, date of birth and citizenship details of the record have been verified.

National Student Number (NSN): A number assigned to every student by the Ministry of Education to help in the maintenance of information about students, even if they change institutions.

NCEA - National Certificate of Educational Achievement: A national award for educational achievement administered by NZQA. The majority of new students gaining admission to the University do so by virtue of their NCEA results from secondary school.

New student: A student who has not previously attended the University of Otago.

New Zealand Qualifications Authority (NZQA): A government agency which maintains an overview of secondary and tertiary qualifications offered within New Zealand and, in particular, is responsible for the NCEA (National Certificate of Educational Achievement).

100-, 200-, 300-level etc: Each paper or other course component offered by the University has a level associated with it. For example, ANTH 101 would be an Anthropology paper primarily designed for students new to Anthropology; ANTH 201 would be a paper which would assume some prior 100-level achievement in Anthropology. The highest level used is 900, and this currently indicates study at PhD level.

Ordinary bachelor's degree: A bachelor's degree awarded without honours. Most ordinary bachelor's degrees may be completed in three years of full-time study, although some require four, five or six.

Orientation: A programme of events organised at the beginning of the year to introduce new students to University life.

Papers: The smallest individual components of a course. Each paper is listed separately on an academic record, has a result recorded for it, and generates a fee to be paid.

Paper codes: Each paper is identified by a seven-character code. Four letters denoting the subject area (e.g. ACCT for Accounting, PHSE for Physical Education) are followed by three numbers (beginning with 1 for 100-level papers, 2 for 200-level papers, and so on).

Part-time: Any course whose workload is less than 54 points in any one semester or 108 points in any one year is normally regarded as a part-time course. Part-time students are not normally eligible to receive student allowances. (Also see workload.)

PhD: The degree of Doctor of Philosophy, a higher degree than an honours or master's degree, involving at least three years of supervised research and a thesis.

Points: Every paper has a point value that shows its proportion of an equivalent full-time year of enrolment of 120 points.

Postgraduate certificate: A qualification for graduates which requires at least one semester of full-time study (or the equivalent in part-time study) at 400-level or above.

Postgraduate course: A course undertaken by a student who has already completed a bachelor's degree and comprising papers or other work at 400-level or above.

Postgraduate degree: An honours, master's, or doctoral degree available only to graduates, requiring advanced study and a research component.

Postgraduate diploma: A qualification for graduates requiring at least one year of full-time study (or the equivalent in part-time study) at 400-level or above.

Preferential Entry: A pathway for admission to undergraduate courses and programmes. Students who qualify for Preferential Entry on the basis of academic merit and/or other criteria are guaranteed places in the University subject to fulfilling minimum age, entrance, and language requirements.

Prerequisite: A paper that must be passed before taking some other paper or course.

Prescription: Description of the academic content of an individual paper.

Programme: The entire requirements for the qualification towards which a student is studying (e.g. a degree programme).

Progression: A student's advancement from one stage or year or level or proportion of a programme to the next. For some programmes (e.g. MB ChB) completion of a prescribed full year's course is required for progression to the following year.

Pro-Vice-Chancellor: The academic and administrative head of an academic Division.

Qualification: A degree, diploma, or certificate of the University awarded to a student after successful completion of the requirements of the programme concerned (e.g. BA, Bachelor of Arts).
Recommencing student: A student who has been enrolled at the University previously but not in the preceding two calendar years.

Recommended preparation: If Paper A is recommended preparation for Paper B it is recommended that a student wishing to enrol in Paper B has previously taken Paper A. This is advisory only; it is not enforced.

Recommended preparation or concurrent study: If Paper A is recommended preparation or concurrent study for Paper B then it is recommended that a student wishing to enrol in Paper B has either previously taken Paper A, or is enrolling in it in the same teaching period as Paper B. This is advisory only; it is not enforced.

Residential college: A hall of residence associated with the University providing accommodation and other facilities for students. There are 15 residential colleges at Otago: Abbey, Aquinas, Arana, Carrington, City, Cumberland, Hayward, Knox, St Margaret's, Salmond, Selwyn, Studholme, Te Rangi Hiroa, Toroa and University College.

Restrictions: Papers which have a large amount of content in common are often restricted against each other, so they cannot be credited to the same academic record.

Returning student: A student who has been enrolled at the University in either or both of the preceding two calendar years.

RPL Credit: In some cases it is possible for students to have prior non-credentialled learning (i.e. learning which has not been formally recognised with a qualification or other documented record) recognised for the purposes of admission to, or credit towards, a course or programme. The process of assessing and recording non-credentialled learning is called Recognition of Prior Learning (RPL) and any credit granted is termed RPL credit.

Schedule: Some programme regulations and paper prerequisites include reference to Schedules. These can include major and minor subject requirements, honours and postgraduate diploma subject requirements and schedules of papers. The schedules of papers are referred to using a variety of names (e.g. "Arts and Music Schedule C").

School: A section of the University which teaches a particular discipline (e.g. School of Dentistry) or which groups a number of departments in a Division together (e.g. Dunedin School of Medicine).

Semester: The academic year has two main teaching periods, the first semester and the second semester.

Senate: The University's main decision-making and advisory body for academic matters.

Special Admission: A means of entrance to the University for domestic students over 20 years of age who do not hold a New Zealand University Entrance qualification. Special Admission is available to domestic students only.

Special topic papers: A ‘shell’ paper that may be used with different content in different years. A student may be able to complete the paper multiple times and count the credit from each instance, provided that the content is different each time.

Specialisation: A discipline specified as a major subject or minor subject in a programme, or as the subject of or an endorsement for a qualification, indicating that a concentration of papers has been taken in that discipline or that the qualification is entirely in the discipline.

Specialised bachelors' degrees: Qualifications for which only limited numbers of students may enrol have specific entry requirements in the relevant programme regulations (e.g. for Teacher Education, Law, Surveying, Social Work and several Health Sciences professional degrees).

Streams: Papers which have too many students to be taught in one class are divided into groups called streams.

Study period: Study periods are the defined blocks of time in which academic teaching (or supervision) occurs. Each year contains multiple study periods, some of which may have overlapping dates and some of which may start or end outside the year concerned. The chief study periods are the summer school period and the first and second semesters.

Subject: Specific topics of study which the University offers. Each subject has a name (e.g. History) and a four letter code (e.g. HIST). Each paper has a subject code as part of its paper code (e.g. HIST 107).

Summer School: An intensive teaching period from early January to mid-February during which a range of undergraduate papers is offered.

Suspension (in regard to Academic Progress Policy): Under the Academic Progress Policy, students who pass fewer than half of the points they are enrolled for in the Conditional Enrolment year will be suspended (i.e. will not be permitted to enrol) for the subsequent two calendar years.

Terms: The requirements a student must complete to be permitted to sit final examinations. Terms are gained by attending classes and completing oral, written, and practical work for the paper concerned. Students are informed of the minimum requirements at the start of each paper.

Terms test: See Internal Assessment.

Thesis: A long dissertation based on original research and submitted for a master’s or doctoral degree.

Timetable clash: A timetable clash occurs when a student has two teaching events scheduled at the same time. Students are expected to attend all scheduled teaching events (lectures, tutorials, laboratories, etc) in their course of study. Timetabling: The allocation of classes to specific timeslots and rooms.

Transcript: A copy of a student’s academic record showing enrolment information and examination results for each paper or course.

Transfer of papers: The process by which a paper (and any associated points) is transferred from one programme of study to another.

Transferring student: A student who has previously attended another university in New Zealand but not the University of Otago.

Tutorial: Small group sessions led by a tutor which meet for discussion and individual assistance.

Undergraduate: A student studying for an ordinary bachelor's or other first degree.

Undergraduate diploma: A qualification at a level lower than a degree which requires at least the equivalent of one year of full-time study.

Vice-Chancellor: The academic and administrative head of the University, designated as its Chief Executive by statute.

Withdrawal: Withdrawal from a paper (as opposed to deletion) indicates the student has formally withdrawn from studying in the paper before the prescribed cut-off dates but will not normally be eligible for a fees refund. The paper will continue to appear on the student’s academic transcript and academic record, but will be annotated accordingly (e.g. Wdn April).

Withdrawn Exceptional: Withdrawn Exceptional (as opposed to deletion or withdrawal) indicates the student has been permitted to withdraw formally from the paper after the prescribed cut-off dates due to exceptional circumstances. The student may be eligible for a partial fees refund. The paper will continue to appear on the student’s academic transcript and academic record, but will be annotated accordingly.

Witnessed copy: Aphotocopied document signed by a person of suitable standing (e.g. Solicitor, Justice of the Peace), who has seen the original document and checked that the copy is true and unaltered.

Workload: A full-time course is generally between 54 and 72 points in any one semester or 108 and 144 points in any one year. As a general guide, 1 point represents study in formal instruction or independent study for 10 hours, made up of a combination of lectures, tutorials, laboratories, assignments and reading. Some professional, honours and postgraduate programmes may differ from this. Any course whose workload is less than 54 points in any one semester or 108 points in any one year is normally regarded as a part-time course. Part-time students are not normally eligible to receive student allowances.
### BA, BTheol, BSc, BCom, and B HealSc degree planning chart

<table>
<thead>
<tr>
<th>100-Level</th>
<th>200-Level</th>
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**TOTAL**

Most papers at 100-, 200-, and 300-level are worth 18 points.

Any of the above degrees may include up to 90 points for papers in other subject lists.

Every degree must include:
- a minimum of 360 points
- a minimum of 180 points above 100-level
- a minimum of 72 points at 300-level (or above)

and for BA, BSc, or BCom must fulfill the major subject requirements of at least one subject as specified in the appropriate degree structure.

If a minor subject is to be specified for BA, BSc, or BCom the requirements in the minor subject listings must be fulfilled.
## Degree planning

### Double degree plan – for two three-year degrees (e.g. BCom/BSc)

<table>
<thead>
<tr>
<th>Papers counting towards first degree only (e.g. BCom)</th>
<th>Papers to be cross credited and counted toward both degrees</th>
<th>Papers counting towards second degree only (e.g. BSc)</th>
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| TOTAL Minimum 234                                     | TOTAL Maximum 126                                        | TOTAL Minimum 234                                |

**First degree (e.g. BCom)**
- Total number of points (cross credit plus BCom only) (minimum 360)
- Number of non-Commerce points towards first degree (maximum 90 without PVC approval)
- Major Subject papers: 54 points at 200-level
- 72 points at 300-level
- Other papers: 54 points at 200- or 300-level

**Second degree (e.g. BSc)**
- Total number of points (cross credits plus BSc only) (minimum 360)
- Number of non-Science points (maximum 90 without PVC approval)
- Major Subject papers: 54 points at 200-level
- 72 points at 300-level
- Other papers: 54 points at 200- or 300-level

### Course Plan

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Timetable planner

It is important that you ensure that your completed timetable does not contain clashes and that it represents a reasonable workload.

For timetable information see [otago.ac.nz/papers](http://otago.ac.nz/papers) or for timetable clash information see [otago.ac.nz/study/OTAGO121418](http://otago.ac.nz/study/OTAGO121418)

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