This section details the requirements for most bachelors’ and honours degrees and some of the diplomas and masters’ degrees offered by the University (pages 54–103).

There is a list of all qualifications on pages 46–50, a list of major subjects and endorsements, and minor subjects for bachelors’ degrees on pages 52–53.

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

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* General qualifications open to any eligible student  § No new enrolments being accepted
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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
## Medicine

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## Physiotherapy

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</table>

* General qualifications open to any eligible student  
§ No new enrolments being accepted
The three examples below show how some typical degree programmes can be constructed.

**Structure for BSc – major subject Biochemistry (no minor subject specified)**

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 (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

**Structure for BCom – major subject Management, minor subject Chinese**

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


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)**

100-level: GEOG 101, 102

200-level: GEOG 280; two further 200-level GEOG papers (excluding GEOG 201) three 200-level HIST papers

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

Plus: 36 further points.

Total: 360 points

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Major subject requirement

Minor subject requirement

Other compulsory papers

Possible elective papers to fulfill the further points requirement to complete the qualification

S1 = Semester One  S2 = Semester Two  SS = Summer School  FY = Full year
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, BSc, BCom, BEntr, BHealthSc, BBiomedSc, BACom, BASc and BComSc) 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, BCom, BEntr, BHealthSc, BACom, BASc and BComSc) although some subjects may not be included in MusB, BPA, or BTheol programmes – see pages 96–103 for details of the papers required in each case. For BEntr, a major subject or one or more minor subjects may be included in your course of study, but these are optional.

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 may also be taken as one of the two major subjects for BASc or BACom. All of the major subjects for BCom may also be taken as one of the two major subjects for BACom or BComSc. All of the major subject for BSc may also be taken as one of the two major subjects for BASc or BComSc.

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).

<p>| Accounting | M/E | BCom/BACom/BComSc/BEntr/ DipGrad | m |
| Agricultural Innovation | M/E | BComSc/BAComSc/BSc/BEntr/ DipGrad | m |
| Anatomy | M/E | BSc/BComSc/BSc/BEntr/ DipGrad | m |
| Anthropology | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Aquaculture and Fisheries | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Asian Studies | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Biblical Studies | M/E | BTheol/BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Biochemistry | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Bioethics | m |
| Botany | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Buddhist Studies | E | DipGrad | m |
| Business Analytics | m |
| Chemistry | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Chinese | M/E | BA/BACom/BEntr/ DipGrad | m |
| Christian Thought and History | M/E | BTheol/BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Classics | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Communication Studies | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Community Health Care | M/E | BHealthSc/BEntr/ DipGrad | m |
| Composition | E | MusB | m |
| Computational Modelling | m |
| Computer Science | M/E | BSc/BAComSc/BAComSc/BEntr/ DipGrad | m |
| Creative Marketing | E | DipGrad | m |
| Criminology | E | DipGrad | m |
| Dance | m |
| Data Science | M | BSc/BAComSc/BAComSc/BEntr/ DipGrad | m |
| Drugs and Human Health | M | BBiomedSc | m |
| Early Childhood Education | E | BTchg | m |
| Ecology | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Economics | M/E | BCom/BAComSc/BAComSc/BAComSc/BEntr/ DipGrad | m |
| Education | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Energy Management | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Energy Science and Technology | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| English | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| English and Linguistics | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Entrepreneurship | m |
| Environment and Society | m |
| Environmental Management | M/E | BSc/BComSc/BAComSc/BEntr/BACom/BEntr/ DipGrad | m |
| Environmental Toxicology | m |
| European Studies | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Exercise and Sport Science | M | BSc/BComSc/BAComSc/BEntr | m |
| Film and Media Studies | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Finance | M/E | BCom/BACom/BAComSc/BEntr/ DipGrad | m |
| Food Science | M/E | BSc/BAComSc/BAComSc/BEntr/ DipGrad | m |
| Forensic Analytical Science | M/E | BSc/BAComSc/BAComSc/BEntr/ DipGrad | m |
| French | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Functional Human Biology | M | BBiomedSc | m |
| Gender Studies | M/E | BA/BACom/BAComSc/BEntr/ DipGrad | m |
| Genetics | M/E | BSc/BAComSc/BAComSc/BEntr/ DipGrad | m |
| Geographic Information Systems | M/E | BSc/BComSc/BAComSc/BEntr/ DipGrad | m |
| Geography | M/E | BA/BSc/BAComSc/BAComSc/BEntr/ DipGrad | m |</p>
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M Major subject
E Endorsement
m Minor subject

53
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 Programme or Head of School 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 52 and 96 for details.
• Normally at least 270 points must be for papers in Arts and Music Schedule C (see page 104); the programme may include up to 90 points for papers from any other undergraduate major, 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, GEOG 210, GLBL 211, MUSI 268 or any 200-level 
GEND or SOCI paper may be substituted for one 200-level 
ANTH paper
300-level Four 300-level ANTH papers 
BIOA 301, GEOG 381, GLBL 311, MUSI 368, 386 or any GEND 
or SOCI paper may be substituted for one 300-level ANTH 
paper

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, 
GLBL 201, 202, 211, HIST 204
300-level CHIN 334, 335; 
two of CHIN 342, 343, 344, ASIA 301, GLBL 301, 302, 311, 
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

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

Classics (including Classical Studies, Greek and Latin)

100-level Two 100-level CLAS, GREK or LATN papers 
ANAT 131 may be substituted for one 100-level CLAS, GREK or 
LATN paper
200-level Three 200-level CLAS, GREK or LATN papers
300-level Four papers from 300-level CLAS, GREK or LATN papers, PHIL 335

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

Degree and diploma structures – BA

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

Communication Studies

100-level  MFCO 102, 103
200-level  MFCO 202;  
two further papers from 200-level MFCO papers, GEND 205
300-level  MFCO 303;  
three further papers from 300-level MFCO papers, GEND 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

Computer Science

100-level  COMP 101, 161, 162;  
one of MATH 120, 130, 140, COMO 101, STAT 110, 115,  
BSNS 112, FINC 102, or an approved alternative
200-level  COSC 201, 202, 203, 204
300-level  One of COSC 326, 345 or 360;  
three further 300-level COSC papers

Plus 144 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 are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test. Students who have passed at least one of MATH 120, 130, 140, COMO 101, STAT 110, 115, BSNS 112 or FINC 102 as part of another subject’s requirements do not need to pass another one of these papers to fulfil the Computer Science requirements.

Economics

100-level  BSNS 113, ECON 112
200-level  ECON 201 or 271; ECON 202;  
one further 200-level ECON paper
300-level  Four 300-level ECON 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

English and Linguistics

100-level  LING 111;  
one 100-level ENGL paper;
200-level  LING 217;  
one further 200-level LING papers (excluding LING 231)  
any two 200-level ENGL papers;  
DHUM 201 may be substituted for one 200-level paper
300-level  Two 300-level ENGL papers;  
two 300-level LING papers

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

Environmental Management

See Science Schedule A

European Studies

100-level  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)
200-level  EURO 202;  
one of CLAS 238, ENGL 218, FREN 250, MUSI 223, 261,  
SPAN 243;  
one of HIST 223, 225, 236, PHIL 226, 227, 228, POLS 216
300-level  EURO 304;  
one of CLAS 343, ENGL 311, 312, 313, 319, 335, FREN 341, 350,  
GERM 341, MFCO 314, 316, MUSI 323, 361, SPAN 342, 343;  
one of HIST 325, 354, POLS 310, 312, 315, 325;  
one further 300-level paper from the lists above

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

100-level  MFCO 101, 102
200-level  MFCO 210;  
two further papers from 200-level MFCO papers, ASIA 201,  
CHIN 242, GEND 205
300-level  MFCO 301;  
three further 300-level MFCO papers  
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

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.
Bachelor of Arts – BA continued

Gender Studies

100-level GEND 101, 102

200-level GEND 201;
   two other GEND papers, one of which may be replaced with ANTH 206, CHIN 241, GEGO 210, HIST 215, 234, MFCO 212, RELS 209, or any 200-level SOCI paper

300-level Four 300-level GEND papers, one of which may be replaced with ANTH 322, 327, EDUC 318, ENGL 331, MFCO 301, RELS 309, or any 300-level SOCI 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

Geography

100-level GEOG 101, 102

200-level GEOG 280;
   two further 200-level GEOG papers (excluding GEOG 201)

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.

Global Studies

100-level GLBL 101;
   plus two language and cultural competency papers at 100-level

200-level One of GLBL 201, GLBL 202;
   plus two language and cultural competency papers at 200-level or above

300-level One of GLBL 303, HUMS 301;
   plus one language and cultural competency paper at 300-level and two further approved papers at 300-level

Plus five further CHIN, FREN, GERM, JAPA, MAOR, or SPAN papers*, seven approved papers from the Division of Humanities** and 90 further points. Programme must include at least one 300-level language paper and at least 36 points at 100-level, 54 points at 200-level, and 72 points at 300-level. Up to 90 points may be taken from outside Arts.

Total 360 points

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

**Students may take GLBL 301 in place of GLBL 201, and GLBL 302 in place of GLBL 202.

History

100-level Two 100-level HIST papers

200-level Three 200-level HIST papers

300-level Four 300-level HIST papers

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

Indigenous Studies

100-level MAOR 102, PACI 101, MAOR 110 or language paper as approved by the Dean.

200-level MAOR 202, PACI 201;
   and two of ANTH 204, 205, 206, 208, GEOG 278, HIST 223, 246, INDS 210, MAOR 203, 204, 207, 208, 210, 211 or 212, 213, MFCO 212, PACI 202-210, POLS 207, PUBH 203, SPAN 243, SPEX 206

300-level INDS 301 or 302;
   any three of ANTH 324, ECON 303, ENGL 332, GEOG 378, HIST 327, 347, IND 301-310, MANT 340, MAOR 303, 304, 307, 308, 310, 311 or 312, 313, 316, 327, MART 305, MFCO 318, PACI 301-310, SPAN 343, SPEX 306, TOUR 301, 305

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, and one of COMP 161 or 162;

200-level INFO 201, 202, 203, 204

300-level INFO 301, 302;
   two further 300-level INFO papers

   Note: INFO 310 is the prerequisite for INFO 301

Plus 162 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

*Note: Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.

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, 352, 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

100-level LING 111;
two 100-level papers in one of the following languages: Chinese, French, German, Greek, Japanese, Latin, Māori, Spanish

200-level LING 217;
one further 200-level LING paper (excluding LING 231);
two 200-level papers in the language taken at 100-level

300-level Two 300-level LING papers;
two 300-level papers in the language taken at 200-level

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

Linguistics

100-level LING 111;
one of GLBL 101 or any 100-level paper in Linguistics, Chinese, English, French, German, Greek, Hebrew, Japanese, Latin, Māori Language (MAOR 110, 111, 112), or Spanish

200-level LING 217;
at least two further LING 200-level papers

300-level Four 300-level LING 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

Māori Studies

100-level MAOR 102, 111, 112

200-level MAOR 211, 212;
one further 200-level MAOR paper or PACI 201

300-level MAOR 311, 312;
one additional 300-level MAOR paper;
one further paper from 300-level MAOR or INDS papers or PACI 301

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

Mathematics

100-level MATH 130, 140

200-level COMO 204, MATH 201, 202, 203

300-level Four 300-level MATH or COMO papers

Plus 180 further points; must include at least one 18-point STAT paper; 54 points at 200-level or above. Up to 90 points may be taken from outside Arts. COMO 101 highly recommended. COMP 151, 161, ENGL 127, STAT 260, 270, PHIL 222 recommended.

Total 360 points

Music

100-level MUSI 101;
one of MUSI 103, 104, 105

Above 126 further MUSI points of which at least 72 must be above 200-level

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

PERF 205 or 305 may be substituted for 18 MUSI points

Pacific Islands Studies

100-level PACI 101;
one of ANTH 103, 105, HIST 107, MAOR 102, MFCO 102, PACI 102, 103

200-level PACI 201; ANTH 204;
one of ANTH 206, GEOG 278, HIST 208, MAOR 207, MFCO 212, MUSI 268, PACI 210 or approved Special Topic papers relevant to the Pacific Islands in ANTH, CHTH, GEOG, HIST, MAOR

300-level PACI 301;
three of ANTH 227, GEOG 378, HIST 337, INDS 307, MAOR 307, MFCO 318, MUSI 368, PACI 305, 310, SOWK 303, 304, THEA 322

or approved Special Topic papers relevant to the Pacific Islands in ANTH, ARCH, CHTH, GEOG, HIST, MAOR

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

Philosophy

100-level Two 100-level PHIL papers

200-level Two 200-level PHIL papers;
one further PHIL paper at 200-level or above

One of GEND 201, PSYC 204 may be substituted for one 200-level PHIL paper

300-level Four 300-level PHIL papers (or three 300-level PHIL papers and one 400-level PHIL paper)

One of BITC 301, CLAS 340, POLS 307 may be substituted for one 300-level PHIL 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

Philosophy, Politics and Economics

100-level BSNS 113, ECON 112;
one of PHIL 103 recommended;
one 100-level PHIL paper (PHIL 103 recommended)

200-level 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

300-level 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 and CLAS 346 may be substituted for one 300-level POLS paper

Plus 72 further points which may be taken from outside Arts.

Total 360 points

Politics

100-level Two of POLS 101, 102, 104, 105

200-level Two 200-level POLS papers;
one further POLS paper at 200-level or above

One of CHIN 241, GEND 201, 208, PHIL 227, 228, PSYC 204, PUBH 203 or RELS 235 may be substituted for one 200-level POLS paper and CLAS 346 may be substituted for one 300-level POLS paper

300-level Four 300-level POLS 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
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, 328, 330, 331
            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

Religious Studies
100-level  Two 100-level RELS papers
200-level  Three 200-level RELS papers;
            One of ANTH 225, 228, CHIN 241, DHUM 201, HIST 215, HIST 244, JAPA 243, PHIL 229 or POLS 210 may be substituted for one 200-level RELS paper
300-level  Four 300-level RELS papers;
            One of ANTH 325, ANTH 328, CLAS 342, HIST 308, JAPA 343 or PHIL 329 may be substituted for one 300-level RELS 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

Sociology
100-level  SOCI 101, 102
200-level  Three 200-level SOCI papers, one of which may be replaced with any 200-level GEND paper or CRIM 201 or SPEX 208
300-level  Four 300-level SOCI papers, one of which may be replaced with any 300-level GEND paper or SPEX 312 or 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

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.

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

Statistics
100-level  STAT 110 or 115;
            MATH 130, 140
200-level  STAT 210;
            STAT 260 (not required if STAT 380 passed previously);
            STAT 270;
            MATH 202 or 203
300-level  STAT 310;
            three further 300-level STAT papers, including at least one of STAT 370, 371

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

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  Four 300-level THEA papers
            MUSI 365 or PERF 305 may be substituted for one THEA paper

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.

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 including at least two further 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.
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 Programme.

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*

**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, 412, 420, 430, 431, 440, 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, 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

**Economics**

ECOY 480;
four of ECON 402, 403, 404, 405, 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, either EDUC 411 or 412, and three further 400-level EDUC papers.

**English**

ENGL 490;
three further 400-level ENGL papers

**Environmental Management**

As for the BSc(Hons) and PGDipSci: See Science Schedule B

**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 423, 424, 425, EDUC 427, MFCO 408, any SOCI 400-level paper or other approved papers

**Geography**

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

**German**

GERM 441, 451, 452, 490

**Indigenous Studies**

INDS 401 or 402, MAOR 414, 490;
one of INDS 401-410; and one of ANTH 416, MAOR 401, 404, 407, 410, 413, 417, 431, PACI 401, 402, 405, 410

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

**History**

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

One other relevant 400-level paper (which may include MAOR 407) may be substituted for one 400-level HIST paper, with approval from the Head of Programme, History
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, INDS or PACI papers including at least one of MAOR 401, 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; 80 further points from MUSI 401, 407, 442, 471, 486
Prerequisites: One of MUSI 220 or 320, 223 or 323, 301, 268 or 368, 386, 371, 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
One of ECON 492, PHIL 490 or POLS 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. CLAS 440 may be substituted for one 400-level PHIL paper.

Psychology
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, 329, 330, 331

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, one of which may be replaced with GEND 401

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

Diploma in Arts – DipArts
otago.ac.nz/courses/qualifications/diparts.html
A Level 5 diploma for students who require additional learning support, may be returning to study, or narrowly missed University Entrance.
PTWY 101–104, 120–122; 54 points from papers selected from Arts and Music Schedule C
The 54 points from Arts and Music Schedule C must include no more than 18 points in the First Semester and no fewer than 36 points in the 100-level requirements for one major subject.
Postgraduate Diploma in Arts Subjects – PGDipArts

otago.ac.nz/courses/pgdiparts.html

Normal PGDipArts programme structures are set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Head of Programme.

The PGDipArts may be awarded in any of the subjects, or in an approved combination of subjects, listed below and consists of 120 points worth of approved 400-level and/or 500-level papers from that subject or combination of subjects.

To be admitted, students must have completed a Bachelor of Arts 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 BA 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.

Anthropology
Chinese
Classics (including Classical Studies, Greek and Latin)
Communication Studies
Computer Science
Economics
Prerequisites: ECON 375 and 377
Education
English
Environmental Management
Film and Media Studies
French
Gender Studies
Geography
German
History
Indigenous Studies

Information Science
Programme of study: as for the PGDipCom, see page 85

Japanese
Linguistics
Māori Studies
Mathematics
Programme of study: as for the PGDipSci, see page 77
Music
Philosophy
Prerequisites: One of PHIL 105 or PHIL 222 or equivalent
Philosophy, Politics and Economics
Politics
Psychology
Programme of study: As for the PGDipSci, see page 77
Religious Studies
Sociology
Spanish
Statistics
Programme of study: As for the PGDipSci, see page 77
Theatre Studies

Master of Arts (Thesis) – MA(Thesis)

otago.ac.nz/ma(thesis).html

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.

For students who hold a BA(Hons) degree or a PGDipArts (or equivalent) in the subject of the degree, it requires the completion of a thesis. For students who hold a BA(Hons) degree or a PGDipArts (or equivalent) in a different subject to the degree, it may also require one or more papers, normally at 400-level. For students who hold a BA degree (or equivalent) but not a BA(Hons) or PGDipArts (or equivalent), it requires the papers listed for the BA(Hons) in the same subject and the completion of a thesis. With a few exceptions and additions, the subjects are as for BA(Hons). See the website for full details of subjects and requirements.

Master of Arts (Coursework) – MA(Coursework)

otago.ac.nz/ma/coursework.html

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.

The degree normally 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.

*Subject to approval
**Master of Archaeological Practice – MArchP**

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

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

To be admitted students must be graduates with an ordinary degree in Archaeology or Anthropology or comparable discipline with an average grade of at least B*; graduates with a master’s degree in a relevant discipline; 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.

ANTH 505, ANTH 550 (30 points), HUMS 401 (20 points)
ANTH 590 (60 points)
At least 40 points (normally two papers) from ANTH 409, 410, 427, 430, HIST 401, MAOR 404, 407, PACI 402, PLAN 411, 412

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**Master of Indigenous Studies – MIndS**

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

The normal MIndS programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of Te Tumu – School of Māori, Pacific and Indigenous Studies.

To be admitted students must be graduates with an honours degree, or ordinary bachelor’s degree requiring four years of full-time study, or be graduates with an ordinary bachelor’s degree alternative and three years’ experience relevant to the programme.

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.

INGS 501 (20 points)
INGS 590 (60 points)
And two 400-level INDS, MAOR or PACI papers (20 points each)

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**Master of International Development and Planning – MIDP**

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

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

To be admitted, students must be graduates with an average grade of at least B* or have satisfactory alternative qualifications or experience.

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

GEOG 401, 402, PLAN 411 (20 points each);
GEOG 590 (60 points)
At least 60 points (normally three papers) from ANTH 431, GEOG 454, 457, 459, 460, 461, 471, 472, 474, PLAN 412, LAWS 521, 540, PACI 405, PEAC 504, POLS 553, HUMS 401, SURV 455, 553, 556, 569

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**Master of Peace and Conflict Studies – MPCS**

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

Applications paused.

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)

*Subject to approval*
Bachelor of Music – MusB

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 School of Performing Arts.

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 52 and 96 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, PERF 205 or PERF 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

Music Production
MUSI 332 and 334
one of MUSI 203, 233, 266, 269, 303, 333, 366, 369

Bachelor of Music with Honours – MusB(Hons)

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 School of Performing Arts.

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; three of MUSI 401, 407, 442, 471, 486
Prerequisite: MUSI 331

Musical Performance
MUSI 441 or 446; three of MUSI 401, 407, 442, 471, 486
Prerequisites: at least a B+ grade in MUSI 341 or 346

Music Research
MUSI 490; four of MUSI 401, 407, 442, 471, 486
Prerequisite: 72 300-level MUSI points

Music Production
MUSI 432; three of MUSI 401, 407, 442, 471, 486
Prerequisite: MUSI 332 or 334

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 School of Performing Arts.

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);
three of MUSI 401, 407, 442, 471, 486 (20 points)
Bachelor of Performing Arts – BPA

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 School of Performing Arts.

May include a specified minor subject. See pages 52 and 96 for details.

<table>
<thead>
<tr>
<th>Level</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>THEA 153; one of MUSI 103, 104, 105, THEA 122</td>
</tr>
<tr>
<td>Above 100-level</td>
<td>MUSI, THEA, PERF or DANC papers above 100-level worth 126 points, including 300-level papers worth at least 72 points</td>
</tr>
<tr>
<td>Plus</td>
<td>further papers worth 198 points, including at least 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.</td>
</tr>
<tr>
<td>Total</td>
<td>360 points</td>
</tr>
</tbody>
</table>

Bachelor of Social Work – BSW

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 Social and Community Work Programme.

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.

<table>
<thead>
<tr>
<th>Stage</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Stage compulsory papers</td>
<td>SOWK 111, SOCI 101, MAOR 102, 110; EDUC 102 or PSYC 112</td>
</tr>
<tr>
<td>2nd Stage compulsory papers</td>
<td>SOWK 201, 236, SOCI 201, 205, 207</td>
</tr>
<tr>
<td>1st and 2nd Stage elective papers</td>
<td>Additional papers to make a total of at least 234 points (normally 13 papers)</td>
</tr>
<tr>
<td>3rd Stage</td>
<td>SOWK 301, 302, 303, 304, 320, 392</td>
</tr>
<tr>
<td>4th Stage</td>
<td>SOWK 402, 403, 480, 492; plus one of SOWK 405, 406 or any other 400-level SOWK paper</td>
</tr>
</tbody>
</table>

Bachelor of Social Work with Honours – BSW(Hons)

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

The normal requirements for the DipGlobalC are set out below.

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

Seven papers, including GLBL 101, GLBL 201 or 202, GLBL 211 or 311, GLBL 301 or 302, ASIA 101, EURO 202 or 302 and two of ASIA 201, 301, CHIN 241, 242, 243, 244, 342, 343, 344, FREN 250, 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.

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

Talk to an adviser.

otago.ac.nz/courseadvice
Diploma in Language – DipLang

.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 Languages and Cultures Programme.

Students admitted directly to papers at 200- to 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

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**Bachelor of Teaching – BTchg**

.otago.ac.nz/courses/btchg.html

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**

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>EDUC 101, 102, EDCR 101, 102, EDPR 101, 102, EREO 199 (0 points), ELIT 199 (0 points), EMAT 197 (0 points); 18 Subject Studies points*</td>
</tr>
<tr>
<td>2nd Year</td>
<td>EDUC 211, EDCR 201, 202, 203, EDPR 201, 202, ENMO 199 (0 points); 18 Subject Studies points*</td>
</tr>
<tr>
<td>3rd Year</td>
<td>EDUC 311, EDCR 301, 302, EDPR 301, 302, 303</td>
</tr>
</tbody>
</table>

* Programme must include 36 points from EDUC, EDSU or other approved Subject Studies papers. MAOR 110 is strongly recommended.

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

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>EDUC 101, 102, EDCR 131, 133, 152, 155, EDPR 151, EREO 199 (0 points), ELIT 199 (0 points), EMAT 199 (0 points)</td>
</tr>
<tr>
<td>2nd Year</td>
<td>EDUC 252, EDCR 231, 232, 234, 252, 254, EDPR 251, ENMO 199 (0 points);</td>
</tr>
<tr>
<td>3rd Year</td>
<td>EDUC 313, EDCR 331, 334, 353, EDPR 333, 351</td>
</tr>
</tbody>
</table>

**Primary Education**

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Year</td>
<td>EDUC 101, 102, EDCR 131, 133, 15, EDPR 131, EREO 199 (0 points), ELIT 199 (0 points), EMAT 199 (0 points); MAOR 110</td>
</tr>
<tr>
<td>2nd Year</td>
<td>EDUC 252, 236, EDCR 231, 232, 233, 235, EDPR 231, ENMO 199 (0 points);</td>
</tr>
<tr>
<td>3rd Year</td>
<td>EDUC 313, EDCR 331, 332, 334, EDPR 331, 333</td>
</tr>
</tbody>
</table>
Master of Teaching and Learning – MTchgLn

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.

Bachelor of Laws – LLB

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 534 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.

Bachelor of Laws with Honours – LLB(Hons)

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)
Diploma in Theology – DipTheol

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

Seven papers from Theology subjects, BIBS, CHTH, HEBR, PAST. Papers shall normally be at 100-level but three may be at 200-level.

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 Theology Programme.

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, 121
  - CHTH 102, 111, 131
  - One PAST paper
  - At least one of CHTH 213 or 313, or CHTH 218 or 318
  - 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 104); the remaining points may come from any undergraduate degree.
  - Does not have provision for major subjects.
  - May include a specified minor subject (see pages 52 and 96 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 Programme of Theology.

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 Theology Programme. The due date for applications is 10 December, although late applications will be considered.
Master of Chaplaincy – MChap

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 Theology Programme.

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 MINS 410, 411, 415, 424 (20 points each)
Three of BIBS 413, CHTH 415, 416, 420, 422, 423, MINS 405, 408, 412, 413, 414, 415 (20 points each)
MINS 590 (60 points)

The University also offers the following Chaplaincy qualifications:

- Postgraduate Certificate in Chaplaincy (PGCertChap) – achieved by passing either three papers chosen from MINS 410, 411, 415, 424 or two of MINS 410, 411, 415, and 424 and one of BIBS 413, CHTH 415, 416, 420, 422, MINS 405, 408, 412, 413, 414, 415. (a total of 60 points)
- Postgraduate Diploma in Chaplaincy (PGDipChap) – achieved by passing three of MINS 410, 411, 415, 424 and three of BIBS 413, CHTH 415, 416, 420, 422, 423, MINS 405, 408, 412, 413, 414, 415 (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

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 Theology Programme.

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

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 Theology Programme.

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 Science – BSc**

[link to course page](https://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 52 and 96 for details.
- Normally at least 270 points must be for papers in Science Schedule C (see page 104); 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.

### Agricultural Innovation

**100-level**

<table>
<thead>
<tr>
<th>AGRI 101, CELS 191, one of CHEM 111, 191</th>
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</table>

Complete at least one paper from at least two of the following lists of 100-level natural, human or technical world papers:

- **Natural world papers:**
  - BIOC 192, BIOL 112, 123, ECOL 111, GEOG 101
- **Human world papers:**
  - BSNS 111, 113, ENVI 111, FOSC 111, GEOG 102, MART 112, PHIL 103, POPH 192
- **Technical world papers:**
  - COMO 101, COMP 101, 151, 161, 162, MATH 130, PHSI 191, STAT 110, 115, SURV 102

Recommended: complete papers from all three lists.

**200-level**

<table>
<thead>
<tr>
<th>AGRI 221, GENE 223, MICR 222</th>
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One natural, human, or technical world paper from the following list *:

- BIOC 221, BTNY 201, CHEM 206, ECOL 211, ENVI 211, FOSC 202, GENE 221, 222, GEOG 216, 282-299, MART 211, MATS 204, MICR 221, STAT 210, SURV 206, 208

**300-level**

<table>
<thead>
<tr>
<th>AGRI 321, 322, 323</th>
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One natural, human, or technical world paper from the following list *:

- BIOC 352, BTNY 301-303, CHEM 306, ENVI 311, 312, FOSC 301, 308, GENE 312, 314, 315, GEOG 388-399, MART 306, MICR 331, 332, 335, 336, PLBI 301, 302, SOCI 319, STAT 310, SURV 306, 309

**Plus** 126 further points. Up to 90 points may be taken from outside Science.

**Total** 360 points

*Students should examine prerequisites for their selected 200-level and 300-level papers when choosing their 100-level and 200-level options.

**Anatomy**

**100-level**

<table>
<thead>
<tr>
<th>CELS 191, CHEM 191, HUBS 191, 192</th>
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</table>

**200-level**

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<tr>
<th>ANAT 241, 242, 243</th>
</tr>
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</table>

**300-level**

| Four of ANAT 331, 332, 333, 334, 335, BIOA 301 |

*BIOA 201 is a prerequisite for BIOA 301

**Plus** One of MAOR 102, 108, 110, 120, MAOH 201, PUBH 204, SPEX 206. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Aquaculture and Fisheries**

**100-level**

<table>
<thead>
<tr>
<th>BIOL 112, MARI 112, STAT 110 or 115; three of BIOL 123, CELS 191, CHEM 111, 191, EAOS 111, ECOL 111</th>
</tr>
</thead>
</table>

**200-level**

| MARI 202, AQFI 251; two of BTNY 203, CHEM 201, 205, 206, ECOL 211, 212, FOSC 201, FORS 201, GENE 222, 223, MARI 201, PHIL 235, STAT 210, SURV 208, ZOOL 221 |

**300-level**

| AQFI 301, AQFI 352; two of CHEM 301, 306, FORS 301, GENE 312, 314, 315, MARI 301, 302, ZOOL 316, 319 |

**Plus** 108 further points. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Biochemistry**

**100-level**

<table>
<thead>
<tr>
<th>BIOC 192, CELS 191, CHEM 191; one of BIOL 112, 123, CHEM 111, HUBS 191, 192, STAT 110, 115</th>
</tr>
</thead>
</table>

**200-level**

<table>
<thead>
<tr>
<th>BIOC 221, 222, 223</th>
</tr>
</thead>
</table>

**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
Bachelor of Science – BSc continued

Botany

100-level  BIOL 123; one of BIOL 112, CELS 191, 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

Other papers approved by the Head of Department may be substituted for one paper at 200-level and for one paper at 300-level

Chemistry

100- and 200-level  At least five 100- and 200-level CHEM papers in Chemistry

300-level  Four of CHEM 301, 302, 303, 306, 371 or 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

Computer Science

100-level  COMP 101, 161, 162; one of MATH 120, 130, 140, COMO 101, STAT 110, 115, BSNS 112, FINC 102, or an approved alternative

200-level  COSC 201, 202, 203, 204

300-level  One of COSC 326, 345 or 360; three further 300-level COSC papers

Plus 144 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 are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test. Students who have passed at least one of MATH 120, 130, 140, COMO 101, STAT 110, BSNS 112 or FINC 102 as part of another subject’s requirements do not need to pass another one of these papers to fulfil the Computer Science requirements.

Data Science

100-level  COMP 101, 120, 161, 162; STAT 110 or 115

200-level  COSC 201, INFO 204, STAT 210, 260

300-level  COSC 343, INFO 304, STAT 312; one of COSC 344, STAT 310

Plus 144 further points. Up to 90 points may be taken from outside Science.

Total 360 points

Note: Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.

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 201, 282, 284, 286, 287, 288, 289, 298, 299, GEOL 252, 263, MARI 201, 202, STAT 260, 270, SURV 220, ZOOL 221, 222, 223

300-level  ECOL 313 or 314; two of AQFI 352, BTNY 301, GEOG 390, MARI 301, 302, ZOOL 315, 316, 318, 319; one other paper from AQFI 352, BTNY 302, 303, ECOL 313, 314, GENE 312, GEOG 388, 390, 392, 393, 394, 395, 397, 398, 399, 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

Economics

100-level  BSNS 113, ECON 112, MATH 130, 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

Energy Management

100-level  One of PHSI 191, 131, 132 (PHSI 132 recommended); MATH 130, 140, 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 302-310, MANT 303, PMAN 401, GEOG 388, 389, 392, 397, PHSI 365, 381, COOM 303, INFO 304, ENVI 312

Plus 162 further points (MATH 203 highly recommended). 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 130, 140

200-level  EMAN 201, 204, PHSI 243

300-level  EMAN 301, 308; two of PHSI 331, 341, 343, 365-381, PHSI 336 (or MATH 374), CHEM 301-305, BIOL 351, MATH 304, COMO 303, INFO 304, GEOL 363, 376, GEOG 388, 389, 392 (PHSI 381 and 365 recommended)

Plus 180 further points (PHSI 282, 245 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.

Note: Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.
Bachelor of Science – BSc continued

Environmental Management

100-level
ENVI 111, GEOG 101, 102;
one of MATH 120, 130, 140, STAT 110

200-level
GEOG 216, 201;
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. Up to 90 points may be taken from outside Science.

Total 360 points

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, 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
CELS 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

Forensic Analytical Science

100-level
BIOC 192, CELS 191, CHEM 191, HUBS 191;
STAT 110 or 115;
at least one of BIOL 123, CHEM 111, HUBS 192, MATH 130, PHSI 191 (recommended) or another paper (CHEM 111 highly recommended)

200-level
CHEM 206, FORS 201, GENE 222;
at least two of BIOA 201, BIOC 221, CHEM 201 or 205, FOSC 201, GENE 221, MICR 221, 222, PHAL 211, 221, STAT 210, 260, 270

300-level
FORS 301, CHEM 306;
at least two of BIOA 301, BIOC 352, FOSC 301, GENE 312, 315, LAWS 417, PHAL 306, PSYC 325, 300-level MICR and STAT papers

Plus 90 further points. Up to 90 points may be taken from outside Science.

Total 360 points

Genetics

100-level
CELS 191, CHEM 191;
two of BIOL 112, 123, BIOC 192, ECOL 111, HUBS 191, 192, MATH 120, STAT 110 or 115 (BIOC 192 and STAT 110 or 115 highly recommended)

200-level
GENE 221, 222, 223

300-level
Four of GENE 312, 313, 314, 315, BIOC 352, MICR 335

Plus 162 further points; must include 54 points at 200-level or above (BIOC 221 highly recommended, and MICR 221 and ZOOL 222 recommended). Up to 90 points may be taken from outside Science.

Total 360 points

After discussion with the Programme Director, in exceptional and justified circumstances and with the Director's approval, one required 200- or 300-level paper may be approved for substitution with another, relevant paper. At 300-level, examples of papers that may be suitable include BIOC 353, BITC 301, BTNY 302, PLBI 301, MICR 336, MICR 337, PLBI 302, ZOOL 319.

Geographic Information Systems

100-level
COMP 101;
COMP 161 or 162;
MATH 130 or 140; SURV 102;
at least one of COMP 151, EAOS 111, GEOG 101, 102, GEOG 111, STAT 110, SURV 130, ENGL 228

200-level
INFO 201, 202, SURV 220;
at least one 200-level GEOG or SURV paper

300-level
SURV 309, 314, 319, 320;
at least one further 300-level GEOG or SURV paper;

Plus 126 further points. Up to 90 points may be taken from outside Science.

Total 360 points

Note: Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.

Geography

100-level
GEOG 101, 102, STAT 110

200-level
GEOG 201;
at least one paper from GEOG 281-289, 298, 299, and further 200-level GEOG papers worth at least 18 points (excluding GEOG 280)

300-level
GEOG 301;
at least two papers from GEOG 387-395, 397-399, and further 300-level GEOG papers worth at least 18 points

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
 Bachelor of Science – BSc continued

Geology

100-level  
- EAOS 111, GEOL 112;  
- one of MATH 120, 130, 140, COMO 101, STAT 110, 115

200-level  
- GEOL 251, 252;  
- one of GEOL 221, 261, 262, 263, 264, 265, 273, 275, 276;  
- one of GEOL 221, 261, 262, 263, 264, 265, 273, 275, 276;  
- EMAN 204, GEOG 282, 283, 284, 288, 289, 298;  
- MARI 201, PHSI 243, SURV 220

300-level  
- GEOL 302 or 304;  
- GEOL 344, 353;  
- one of GEOL 321, 341, 361, 362, 363, 364, 365, 373, 375, 376;  
- GEOG 388, 389, 390, 394, 395, 398

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

Human Nutrition

100-level  
- BIOC 192, CHEM 191, HUBS 191, 192, HUNT 141

200-level  
- HUNT 241, 242, 243

300-level  
- HUNT 341, 342, 343;  
- one of HUNT 345, 346

Plus  144 further points; (POPH 192 recommended). Must include 54 points at 200-level or above. Up to 90 points may be taken from outside Science.

Total  360 points

Information Science

100-level  
- COMP 101, and one of COMP 161 or 162;

200-level  
- INFO 201, 202, 203, 204

300-level  
- INFO 301, 302;  
- two further 300-level INFO papers  
  Note: INFO 310 is the prerequisite for INFO 301

Plus  162 further points (it is recommended that BSN 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.

Total  360 points

*Note: Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.

Land Planning and Development

100-level  
- MATH 130, SURV 120, 130

200-level  
- ENGL 228, SURV 203-206, 220  
  Note: ENGL 228 should be taken in the second semester of the first year of study

300-level  
- SURV 303, 304, 455;  
- at least two of SURV 306, 309, 319, 329, 450, 453, 454;  
- PMAN 401

Plus  108 further points. Up to 90 points may be taken from outside Science.

Total  360 points

Marine Science

100-level  
- EAOS 111; MARI 112; one of COMO 101, MATH 120, 130, 140, STAT 110, 115

200-level  
- MARI 201, MARI 202

300-level  
- AQFI 301; two of AQFI 352, MARI 301, 302, 322; one additional paper in AQFI, BTNY, CHEM, COMO, ECOL, EMAN, ENVI, GEOG, GEOL, MARI, MATH, NAUT, PHSI, SCOM, STAT, or ZOOL

Plus  198 further points; must include 72 points at 200-level or above.  
  Note: Students should check the prerequisites for 300-level papers when selecting 200-level papers.

Total  360 points

Mathematics

100-level  
- MATH 130, 140

200-level  
- COMO 204, MATH 201, 202, 203

300-level  
- Four papers from 300-level MATH, COMO papers and PHSI 336

Plus  180 further points; must include at least one 18-point STAT paper;  
- 54 points at 200-level or above. Up to 90 points may be taken from outside Science. COMO 101 highly recommended. COMP 151, 161, ENGL 127, STAT 260, 270, PHIL 222 recommended.

Total  360 points

Microbiology

100-level  
- CELS 191, CHEM 191, HUBS 191

200-level  
- MICR 221, 222, 223, GENE 221

300-level  
- Four of MICR 331, 332, 334, 335, 336, 337

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

Neuroscience

100-level  
- CELS 191, HUBS 191, PSYC 111;  
- either CHEM 191 or PHSI 191;  
- one further paper from BIOC 192, BIOL 112 or HUBS 192, CHEM 191, PHSI 191  
  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.

200-level  
- ANAT 242, PHSI 231, PSYC 211

300-level  
- Four of ANAT 332, 335, 336, 337, NEUR 302, 303, PHAL 303, PHSI 341, 342, PSYC 313, 317, 319, 323, 330, ZOOL 314

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

Notes: No more than three 300-level papers with the same subject code (other than NEUR) may count towards the major subject requirements.  
A list of recommended complementary papers can be found on the Neuroscience Programme Undergraduate Study webpage.  
Prerequisites for all papers are recorded on the paper information pages.  
Note that the prerequisite for PHAL 303 is PHAL 211, the prerequisites for PHAL 211 are BIOC 192 and CHEM 191, and for Neuroscience students the prerequisite for PSYC 211 is PSYC 111.
Bachelor of Science – BSc continued

**Pharmacology**

**100-level** BIOC 192, CHEM 191; two of CELS 191, HUBS 191, 192

**200-level** PHAL 211, 212; one 200-level ANAT, BIOC, GENE, MICR or PHSL paper

**300-level** PHAL 303, 304, 305, 306

**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

**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. Up to 90 points may be taken from outside Science.

**Total** 360 points

**Physics**

**100-level** PHSI 131 or 191; PHSI 132, MATH 130, 140

**200-level** PHSI 221, 222; one of PHSI 243, 282, EMAN 201; one of MATH 202, 203

**300-level** PHSI 381; three of PHSI 331-365

**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

**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 CHM 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, 329, 330, 331

**Note:** 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

**Software Engineering**

**100-level** COMP 101, 161, 162; one of MATH 120, 130, 140, FINC 102

**200-level** INFO 201, 202, COSC 201, 202, 203

**300-level** COSC 349, INFO 303, 310 and either COSC 345 or INFO 301

**Plus** 144 further points. Up to 90 points may be taken from inside 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

**Sport and Exercise Nutrition**

**100-level** BIOC 192, CHEM 191, HUBS 191, 192, HUNT 141

**Note:** POPH 192 recommended

**200-level** HUNT 245; two of HUNT 241, 242, 243, (SPEX 201 and 203) or (SPEX 204 and 205)

**300-level** HUNT 345; two of HUNT 341, 342, 343, (two of SPEX 303, 305) or (two of SPEX 308, 309)

**Plus** 72 further points. Up to 90 points may be taken from outside Science.

**Total** 360 points

Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test. Students who have passed at least one of MATH 120, 130, 140 or FINC 102 as part of another subject’s requirements do not need to pass another one of these papers to fulfill the Software Engineering requirements.
Bachelor of Science – BSc continued

Statistics

100-level  STAT 110 or 115; MATH 130, 140
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 310; plus three further 300-level STAT papers, including at least one of STAT 370, 371, 372
Other papers approved by the Head of Department may be substituted for up to two papers at either 200- or 300-level
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 130, SURV 120, 130
200-level  ENGL 228, SURV 201, 202, 220, 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, 314, 320, 399; two of SURV 206, 306, 319, 322, 329, 413, 450, 451, 452, 459, 462, 463, PMAN 401
Plus 126 further points. 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 313-316, 318, 319, GENE 312, and one of ZOOL 313-316, 318, 319, GENE 312, 314, MARI 301, 302, AQRI 352
   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 MMLM, and is required for students intending to advance to BSc(Hons) in Zoology.
Total 360 points

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. Normally 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

Aquaculture and Fisheries

MARI 401, AQRI 421, 490; 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.

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 at least four BTNY or PLBI 300-level papers. With approval from the Head of Department, one of the papers listed may be replaced by another 300-level paper.

Chemistry
CHEM 490; CHEM 461, 462, 463
**Prerequisites:** At least five 300-level papers including at least four of CHEM 301-303, 305, 306

Computer Science
COSC 490;
four of COSC 402, 412, 420, 430, 431, 440, 450, 470, 471
**Prerequisites:** At least five 300-level papers including one of COSC 326, 345, or 360 and including at least three further papers from COSC 301–385

Ecology
EOC 490, 411;
and two of BTNY 465, 467, 469, GEOG 454, 459-461, 471, MARI 401, 431, SURV 509, 511, ZOOL 410, 411, 415-418, 422, 423, 425 or other suitable papers as approved by the Programme Director.
**Prerequisites:** EOC 313 or EOC 314, ZOOL 316, and three further 300-level papers.

Economics
ECON 480;
four of ECON 402, 403, 404, 405, 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

Energy Management
EMAN 490, and three 400-level EMAN papers

Environmental Management
GEOG 490, 471, 472 and one further paper at 400-level

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

Forensic Analytical Science
FORS 490, 401;
40 points at 400-level from APPS, BIOA, BIOC, CHEM, FOSC, GENE, LAWS, MICR, PHAL and STAT papers

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, 313–31, 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.

Geographic Information Systems
SURV 590, PMAN 501, (SURV 513 or 518) and an approved 500-level SURV, or 400-level GEOG paper

Geography
GEOG 490;
three 400-level GEOG papers
**Prerequisites:** GEOG 380 passed prior to 2023 or GEOG 301, at least three of GEOG 387–399 and one further GEOG 300-level paper

Geology
GEOL 490, 401 or GEOL 402, 403;
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, 443, 445, 452, 453
**Prerequisites:** HUNT 341, 342, 343, 345, 346

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;
and 400-level papers in MATH or STAT worth at least 80 points with at least 60 points in MATH
**Prerequisites:** At least five 300-level papers including at least four papers from COMO, MATH or PHSI 336

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)
Bachelor of Science with Honours – BSc(Hons) continued

**Neuroscience**
NEUR 490;
papers worth 60 points from ANAT 454, COSC 420, NEUR 452, 453, 455, 456, 459, 471, 473, PHAL 423, PHSL 472, 474, PSYC 429-430, 437-438, ZOOL 412

**Prerequisites:** At least four of ANAT 332, 335, 336, 337, NEUR 301, 302, 303, PHAL 303, PHSL 341, 342, PSYC 313, 317, 319, 323, 330, ZOOL 314

**Physiology**
PHSL 490, 474;
two of PHSL 471, 472, 473

**Prerequisites:** At least four of PHSL 341, 342, 343, 344, 345

**Pharmacology**
PHAL 490, 421;
two of PHAL 423, 426, 427, 430, 431

**Prerequisites:** 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

**Prerequisites:** Two of MATH 202, 203, COMO 204, PHSI 331, 341, 381 and two further 300-level PHSI or MATH papers (PHSI 365 recommended)

**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;
plus six of PSYC 401-442
or
PSYC 480;
plus eight of PSYC 401-442

**Prerequisites:** At least five of PSYC 311 and four from PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327, 328, 329, 330, 331

**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, 443, 445, 452 APPS 499;
One further approved 400-level paper

**Sport, Exercise and Health**
SPEX 401, SPEX 490;
two papers from: SPEX 440 and 441; or SPEX 450 and 451; or SPEX 460 and 461

**Prerequisites:** At least five 300-level SPEX papers

**Statistics**
STAT 490;
four 400-level STAT papers

**Prerequisites:** STAT 310; STAT 370; 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, 422, 424

**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, AQFI 352
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 or 490, ANAT 458; papers from ANAT 451, 452, 453, 454, 455, 456, 457, BIOA 401 to a total of 120 points

**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

**Computer Science**
Either six of COSC 402, 412, 420, 430, 440, 450, 470, 471
or
one of COSC 480 or 490;
four of COSC 402, 410, 412, 420, 430, 431, 440, 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 FOSC 401-405.

**Ecology**
ECOL 480 and ECOL 411;
and three of BTNY 465, 467, 469, GEOG 454, 459-461, 471, MARI 401, 431, SURV 509, 511, ZOOL 410, 411, 415-418, 422, 423, 425 or other suitable papers as approved by the Programme Director

**Economics**
120 points from 400-level ECON papers

Prerequisites: ECON 375, 377

**Energy Science and Technology**
EMAN 490;
and three 400-level EMAN papers

**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, 443, 445, 452, 453

**Information Science**
120 points selected from 400-level INFO papers

May include INFO 490, but not required

**Marine Science**
MARI 480, 401, and 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
Postgraduate Diploma in Science – PGDipSci continued

Mathematics
MATH 490;
and 400-level papers in MATH or STAT worth at least 80 points with at least 60 points in MATH

Microbiology
MICR 480 or 490, and papers from MICRO 461, 462, 463, 464 to a total of 120 points

Neuroscience
NEUR 480;
apapers worth 80 points from NEUR 454, COSC 420, NEUR 452, 453, 454, 455, 456, 457, 459, 462, 471, 472, PHAL 423, PHSI 472, 474, PSYC 429, 430, 431, 437, 438, 439, ZOOL 412
or
NEUR 490;
apapers worth 60 points from NEUR 454, COSC 420, NEUR 452, 453, 455, 459, 461, 462, 463, 471, 472, 473, 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;
60 points from PHSI 421, 422, 423, 424, 425, 426;
further 400-level papers worth 20 points from PHSI, MATH

Physiology
PHSL 480 or 490, PHSL 474;
apapers from PHSL 471, 472, 473 to a total of 120 points

Plant Biotechnology
PLBI 480, 401, BTNY 461, 465;
one further approved 400-level BIOC or BTNY paper

Psychology
PSYC 490;
six of PSYC 401-42
or
PSYC 480;
eight of PSYC 401-42

Software Engineering
Six papers from 400-level SENG papers and approved 400-level COSC or INFO papers

Sport, Exercise and Health
SPEX 401, 480;
Two papers from: SPEX 440 and SPEX 441; or SPEX 450 and SPEX 451; or SPEX 460 and SPEX 461
One further 400-level paper worth 20 points

Statistics
STAT 490;
four 400-level STAT papers

Surveying
SURV 580;
at least four 500-level SURV papers

Telecommunications
120 points from 400-level TELE and approved 400-level COSC, INFO, PHSI or SENG papers

Zoology
ZOOL 480;
four of ZOOL 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 422, 424

Other postgraduate Science programmes
Refer to the University Calendar for details

Master of Science – MSc
otago.ac.nz/courses/msc

Master of Dietetics – MDiet (no new enrolments accepted)
otago.ac.nz/courses/mdiet

Master of Science Communication – MSciComm
otago.ac.nz/courses/mscicomm

Master of Sport Development and Management – MSpDM
otago.ac.nz/courses/mspdm

Master of Wildlife Management – MWLM
otago.ac.nz/courses/mwlm

otago.ac.nz/courses/pgdipapst

Postgraduate Diploma in Clinical Psychology – PGDipCIPs
otago.ac.nz/courses/pgdipclps

Postgraduate Diploma in Science Communication – PGDipSciComm
otago.ac.nz/courses/pgdipscicomm

Postgraduate Diploma in Sport Development and Management – PGDipSpDM
otago.ac.nz/courses/pgdipspdm

Postgraduate Diploma in Wildlife Management – PGDipWLM
otago.ac.nz/courses/pgdipwlm

Postgraduate Certificate in Science Communication – PGCertSciComm
otago.ac.nz/courses/pgcertscicomm
Postgraduate Certificate in Applied Science – PGCertAppSc

Postgraduate Diploma in Applied Science – PGDipAppSc

Master of Applied Science – MApSc

Advanced Nutrition Practice

HUNT 443, 445, 452, 453, and HUND 472;
one of APPS 596, 597, 598;
and papers worth 60 points from SPEX 440, 441, 450, 451,
NUTN 407, ENTR 411, 413, 414, PUBH 712, 713, 744,
SCOM 403, 409, HUNT 441, 444, FOSC 401, 421.
One of APPS 596, 597, 598.
Substitutions of other postgraduate papers may be approved by the Head of the Department of Human Nutrition.

Bioengineering

BIOE 401, 403, 404, ENTR 421;
three further approved 400-level papers which may include BIOE 402 and/or BIOE 480;
APPS 597

Computational Modelling

COMO 401, three papers at 400-level from BIOE 403, MATH, STAT, COSC, DETE, and three further approved papers at 400-level;
APPS 597 or 598

Computer Science

Papers worth 80 points from COSC 402, 412, 420, 430, 431, 440, 450, 470, 471;
60 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

Environmental Management

GEOG 471, 472;
further approved 400-level papers worth 100 points;
APPS 597

Geographic Information Systems

Six papers from SURV 509, 513, 514, 518-520 and one 400- or 500-level paper approved by the Programme Director; APPS 597 or 598
Thesis: GISS 5

Applied Geology

GEOL 401;
six further 400-level GEOL papers;
three further approved 20-point papers at 400-level;
APPS 597

or

GEOL 402, 403;
six further GEOL 400-level papers;
three further approved 20-point papers at 400-level;
APPS 598

Artificial Intelligence

Students without a background in computing will begin study in semester 2 and complete:
AIML 401, 402, COSC 420, DHUM 401, INFO 411;
two of COSC 431, 450, INFO 407, 424;
and one of APPS 596-598
Students with a background in computing will begin study in either semester 1 or semester 2 and complete:
AIML 402, COSC 420, DHUM 401, INFO 411;
two of COSC 431, 450, INFO 407, 424;
one of APPS 596-598; and 20 further points at 400-level
Note: This programme requires three semesters of study.
MAppSc continued

**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 Communication**
SCOM 402, 403, 406, 409, 413, either 404 or 412, one of APPS 596, 597, 598, and one other 400-level paper worth 20 points.

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 596, 597, or 598, and one 400-level paper. SCOM 432, 433, 434, 439 may be substituted for SCOM 402, 403, 409 as Distance options.

**Software Engineering**
Approved 400-level papers worth 140 points normally drawn from COSC, INFO or SENG papers; APPS 597 or 598 or SENG 580

**Telecommunications**
Approved 400-level TELE, INFO, COSC papers worth 140 points; APPS 597 or 598

Questions about your degree structure, or thinking of taking more than one major subject or doing a double degree programme?
Talk to an adviser.
[otago.ac.nz/courseadvice](http://otago.ac.nz/courseadvice)
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 120, 130; ENGL 228; MATH 130 (or approved equivalents);
54 further points

2nd Year
SURV 201, 202, 203, 204, 205, 206, 220, 298

3rd Year

4th Year
PMAN 401, SURV 320, 450, 455, 499

Plus  S4 points from SURV 319, 322, 329, 413, 418, 451, 452, 453, 456, 457, 458, 459, 462, 463, 465, 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 120, 130; ENGL 228 (or approved equivalents);
MATH 130;
54 further points

2nd Year
SURV 201, 202, 203, 204, 205, 206, 220, 298

3rd Year
SURV 301, 302, 303, 304, 306, 307, 309, 399

4th Year
PMAN 501, SURV 450, 320, 455, 499, 590

Plus Papers worth a minimum of 20 points selected from the following at 500-level, restricted against 300 or 500-level papers already passed or enrolled from SURV 509, S13, S14, S18, S19, S51, S52, S55, S56, S57, S58, S59, S62, S63, S65, S69, 573-575 (40 points each).

Total 550 points
Bachelor of Commerce – BCom

Normal BCom 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 BCom 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 lists below. May include a specified minor subject; See pages 52 and 96 for details. Every programme must include BSNS 111–115. At least three of these papers must be passed before enrolling in any 200-level Commerce paper, and all must normally be passed before enrolling in any 300-level Commerce paper. For single-degree BCom students, all five must be attempted in the first year of study or equivalent.
- Must have at least 180 points above 100-level, including at least 72 points at 300-level for each major subject.
- Normally at least 270 points must be for papers in Commerce Schedule C (see page 104); degree 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 fulfill a major or minor subject requirement.

Every BCom programme must include the following required papers:

- BSNS 111 Business and Society
- BSNS 112 Interpreting Business Data
- BSNS 113 Economic Principles and Policy
- BSNS 114 Financial Decision Making
- BSNS 115 Accounting and Information Systems

*STAT 110 or 115 will be accepted as an alternative to BSNS 112 as a required paper or as part of the major subject requirements or as a prerequisite when:
  a. the paper has been passed before the student has enrolled for a BCom degree; or
  b. a student is enrolling for both a BCom and another degree for which STAT 110 or 115 is required.

BCom students who first enrolled in 2016 or earlier will normally complete the programme under the regulations in force when they first enrolled. If you need to complete any of BSNS 102-108, please note that the equivalent papers are BSNS 112, MART 112, BSNS 113, MANT 101 (or BSNS 111), COMP 111 (or COMP 101), BSNS 115, and BSNS 114 respectively.

Every BCom programme requires a minimum total of 360 points. Papers at 100- to 300-level are normally worth 18 points each.

<table>
<thead>
<tr>
<th>Major Subject</th>
<th>100-level</th>
<th>200-level</th>
<th>300-level</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>BSNS 112, 114, 115, ACCT 102</td>
<td>ACCT 211, 222; and at least one of ACCT 233, 260</td>
<td>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</td>
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<tr>
<td></td>
<td>BSNS 111, 113 - must normally be taken in first year of study</td>
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<td>Plus 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.</td>
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<td>Total 360 points</td>
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<tr>
<td>Economics</td>
<td>BSNS 113, ECON 112</td>
<td>ECON 201 or 271; ECON 202; one further 200-level ECON paper</td>
<td>four 300-level ECON papers</td>
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<tr>
<td></td>
<td>100-level BSNS 111, 112, 114, 115 – must normally be taken in first year of study</td>
<td>200-level</td>
<td>Plus 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.</td>
</tr>
<tr>
<td></td>
<td>Total 360 points</td>
<td>300-level</td>
<td></td>
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<tr>
<td>Finance</td>
<td>BSNS 112, 114, 115, FINC 102</td>
<td>FINC 202, 203, 206</td>
<td>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</td>
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<tr>
<td></td>
<td>BSNS 111, 113 – must normally be taken in first year of study</td>
<td>200-level</td>
<td>Plus 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.</td>
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<td></td>
<td>300-level</td>
<td>Total 360 points</td>
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<tr>
<td>Human Resource Management</td>
<td>MANT 250, 251; one of MANT 217, 222, 252</td>
<td>MANT 345, 346; two of MANT 330, 339, 347</td>
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<tr>
<td></td>
<td>100-level BSNS 111, MANT 101; BSNS 112, 113, 114, 115 – must normally be taken in first year of study</td>
<td>200-level</td>
<td>Plus 126 further points; must include 54 points at 200-level or above. Up to 90 points may be taken from outside Commerce.</td>
</tr>
<tr>
<td></td>
<td>300-level</td>
<td>Total 360 points</td>
<td></td>
</tr>
</tbody>
</table>
Bachelor of Commerce – BCom continued

Information Science

100-level  COMP 101 and one of COMP 161 or 162; 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
Plus 90 further points; must include 36 points at 200-level or above. Up to 90 points may be taken from outside Commerce.
Total 360 points

Note: Students are exempt from COMP 161 if they have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test. INFO 310 is the prerequisite for INFO 301.

International Business

100-level  BSNS 113, MANT 101; 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 or MART 310; one further 300-level Commerce paper
Plus one further 18-point paper.*
Plus approved language and culture papers. 108 points with a minimum of 36 of these 108 points at 200-level or above.**
* Paper may need to be a Commerce paper, and/or it may need to be at 200-level or above in order to satisfy the regulations for the Bachelor of Commerce, depending on a student’s individual course of study.
** If English or Māori is the student’s first language, these 108 points must include at least 72 points of language papers in one language, an 18-point culture paper, and an additional 18 points of either language or culture papers (preferably including a business language paper if available). If neither English nor Māori is the student’s first language, these 108 points must include language papers (not the student’s first language) and/or cultural papers as approved by the Director, International Business.
Total 360 points

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  Four 300-level MANT 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

Marketing

100-level  BSNS 112, MART 112
BSNS 111, 113, 114, 115 – must normally be taken in first year of study
200-level  MART 212; two of MART 201, 210, 211
300-level  MART 301; three further 300-level MART 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

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; 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
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
Total 360 points

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  Four 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.
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 an adviser.
otago.ac.nz/courseadvice
Bachelor of Commerce with Honours – BCom(Hons)

otago.ac.nz/courses/bcomhons.html

Note: No new enrolments will be accepted for the BCom(Hons) in 2024.

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

Accounting
ACCT 480;
ACFI 459* and three further papers from 400-level ACCT papers, BSNS 401

*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;
hour of ECON 402, 403, 404, 405, 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 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
MART 480;
MART 460, 461, 462, and one of MART 448-475

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

Bachelor of Entrepreneurship – BEntr

otago.ac.nz/courses/bentr.html

The normal BEntr programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the relevant Programme Director. The BEntr requires a minimum total of 360 points (normally 20 papers), with at least 180 points above 100-level, of which at least 72 points must be at 300-level. The BEntr may include an optional major subject from the subjects available for BA, BSc, BCom or BHealSc, or one or more optional minor subjects (excluding Entrepreneurship).

Must include the following core papers:

100-level
ENTR 101, 102

200-level
ENTR 201, 202

300-level
ENTR 301, 302 and at least two of MANT 301, 340, MART 306, 308, 333, ECON 318, AGRI 321, ENVI 311

Students should check the prerequisites for 300-level papers when selecting 100- and/ or 200-level papers.

Students must normally enrol in a ENTR 102, 202, 302 paper in the same year as enrolling in the corresponding ENTR 101, 201, 301 paper.
Diploma in Commerce – DipCom

otago.ac.nz/courses/qualifications/diparts.html

A Level 5 diploma for students who require additional learning support, may be returning to study, or narrowly missed University Entrance.

PTWY 101–104, 110–112;
54 points from papers selected from Commerce Schedule C

The 54 points from Commerce Schedule C must comprise in the First Semester either BSNS 111 or BSNS 115 and in the Second Semester BSNS 112 and 18 100-level points in the student’s intended BCom major subject.

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 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

120 points from 400-level ACCT, ACFI or ACTP 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
Note: 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

120 points from approved 400-level MART papers excluding MART 480

Tourism

TOUR 423; 100 further 400-level TOUR points excluding TOUR 480

Postgraduate Certificate in Digital Health – PGCertDigHeal

The normal PGCertDigHeal programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or contact the Department of Information Science.

To be admitted, students must be a graduate in a relevant field or hold a relevant professional qualification requiring at least three years of full-time tertiary study, and every applicant shall present evidence of advanced level academic study.

DIGH 701, 703
Postgraduate Diploma in Digital Health – PGDipDigHeal

The normal PGDipDigHeal programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or contact the Department of Information Science.

To be admitted, students must be a graduate in a relevant field or hold a relevant professional qualification requiring at least three years of full-time tertiary study, and every applicant shall present evidence of advanced level academic study.

DIGH 701, 703
60 further points from DIGH 706, 707, 708, 709
Other papers at an equivalent level of study may be substituted subject to approval, up to a maximum of 30 points

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, including admission criteria, consult the University Calendar or contact the relevant department:

MBusDataSc – Department of Information Science
MEcon – Department of Economics
MEntr, MIntBus, MSusBus – Department of Management
MAccFin, MFinc – Department of Accountancy and Finance
MMart – Department of Marketing
MTour – Head of the Department of Tourism

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

Master of Accounting and Finance – MAccFin

otago.ac.nz/courses/maccfin.html
ACFI 459, ACCT 411, FINC 406 (20 points each)
One of ACFI 501 or 580 (40 points)
At least 80 points from the following list, including at least one ACCT and one FINC paper: ACCT 403-414, 499, FINC 401-499, excluding FINC 480

Master of Business Data Science – MBusDataSc

otago.ac.nz/courses/mbusdatasc.html
BSNS 401, COSC 444, INFO 408, 411, 420, 424, MART 448 (20 points each)
Either INFO 501 (40 points) or INFO 580 (40 points)

Master of Economics – MEcon

otago.ac.nz/courses/mecon.html
Six papers from ECON 402-413 including ECON 410 and 411 and at least one of ECON 412, 413 (120 points)
ECON 590 (60 points)

Master of Entrepreneurship – MEntr

otago.ac.nz/courses/mentr.html
ENTR 411, 412, 413, 414, 415 (20 points each)
Two of ENTR 420, 421, TOUR 416 (20 points each)
ENTR 501 (40 points)

Master of Finance – MFinc

otago.ac.nz/courses/mfinc.html
Papers to the equivalent of 140 points from FINC401-FINC499 (excluding FINC 480), ACFI 459
Plus:
Either FINC 501 (40 points) or FINC 580 (40 points)

Master of International Business – MIntBus

otago.ac.nz/courses/mintbus.html
MANT 414, 471, 472 (20 points each)
Four of BSNS 401, ECON 404, ENTR 411, 415, FINC 410, MANT 459, TOUR 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 Marketing – MMart

otago.ac.nz/courses/mmart.html
MART 460, 461, 462 (20 points each)
Four of MART 448-475, BSNS 401, ENTR 411, 415, MANT 472, (20 points each), including at least two MART papers
Either MART 501 (40 points) or MART 580 (40 points)

Master of Sustainable Business – MSusBus

otago.ac.nz/courses/msusbus.html
MANT 414, 437, 447, 450, 451 (20 points each)
Plus elective papers to a combined total of 140 points from:
BSNS 401, ECON 405, EMAN 410, ENTR 420, FINC 420, GEOG 401, 402, 472, MANT 455, 459, TOUR 422 (20 points each)
Either MANT 501 or 580 (40 points)
Note: A candidate will be exempt from MANT 437 if they have previously passed MANT 337.

Master of Tourism – MTour

otago.ac.nz/courses/mtour.html
TOUR 423 and TOUR 424
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:

- 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 Maths, 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 years of university study. Students who are thinking of completing any university study prior to enrolling in the Health Sciences First Year, and students who have already completed prior university study, should contact AskOtago for further information: ask@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 otago.ac.nz/hsfy/about/papers/optional-8th-paper) 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 University Clinical Aptitude Test (UCAT) 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, BBimedSc, BHealSc, BPharmSc 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)

- **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 531, 533, 552
  - *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 570, 572.

### 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, 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, 410

### Bachelor of Medical Laboratory Science with Honours – BMLSc(Hons)

- [otago.ac.nz/courses/bmlsc.html](otago.ac.nz/courses/bmlsc.html)
  - **1st Year**: Health Sciences First Year Course
  - **2nd Year**: MELS 208, 223, 230, 241, 251
  - **3rd Year**: MELS 301, 302, 304, 305, 306
  - **4th Year**: two of MELS 420, 480 and one of HASC 413, PUBH 725

### Bachelor of Medicine and Bachelor of Surgery – MB ChB

- [otago.ac.nz/courses/mbchb.html](otago.ac.nz/courses/mbchb.html)
  - **1st Year**: Health Sciences First Year Course
  - **2nd Year**: MICN 201
  - **3rd Year**: MICN 301
  - **4th Year**: MICN 401
  - **5th Year**: MICN 501
  - **6th Year**: three of MICN 641, 642, 643, 644 and MICN 648

### 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
  - **4th Year**: PHCY 410, 420, 430, 431, 432

### 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 410, 420, 431, 480, 485.
Bachelor of Physiotherapy

Bachelor of Physiotherapy with Honours – BPhty(Hons)

Bachelor of Oral Health – BOH

Bachelor of Dental Technology – BDentTech

Bachelor of Dental Technology with Honours – BDentTech(Hons)
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 bhealsc@otago.ac.nz

Every BHealSc programme requires a minimum total of 360 points. May include a specified minor subject (See pages 52 and 96 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 210, 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, MIRC 223, PACI 201, PHAL 211, PHSL 251, PSME 201, PSYC 212, PUBH 262; BITC 301, INDS 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, PACI 201, PUBH 211, SOCI 205; INDS 301, 302, MAOR 311, 312; PACI 301

Total 360 points

MAOR 102 can be taken during the second year of study

If you are intending to enrol in one of the Health Sciences professional programmes (see list on pages 88-89) you will need to enrol initially in the Health Sciences First Year course (page 87).

Pacific and Global Health

100-level HUBS 191, 192; PUBH 192 or POPH 192

200-level PACH 201, PUBH 203, 211, MAOH 201; at least two of BITC 201, CMHC 211, HIST 210, PACI 201, POLS 213, PUBH 202

300-level PACH 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, PACI 301, 310, POLS 303, STAT 310

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 210, 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 381, PACI 301, PUBH 304, 311, SOCI 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, PSME 201, SPEX 205, 206, STAT 210; ECON 306, ENVI 312, HIST 306, INDS 301, POLS 303, STAT 310

Total 360 points

Bachelor of Pharmaceutical Science – BPharmSc

otago.ac.nz/courses/bpharmsc.html

100-level CELS 191, CHEM 191, HUBS 191, BIOC 192, HUBS 192, PHSI 191

200-level PSCI 201-204

3rd Year Four PSCI 300-level papers

Plus 108 further points of which 36 must be at 200-level or above
Bachelor of Biomedical Sciences – BBiomedSc

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

- Every BBiomedSc programme requires a minimum total of 360 points.
- The first year can be taken as Health Sciences First Year, Biomedical Sciences First Year or BSc as long as the required first-year papers are completed.
- Must have 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.

### Drugs and Human Health

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; 36 further points. HUNT 141, MAOR 102, PHSI 191, STAT 110 or 115 recommended.</td>
</tr>
<tr>
<td>2nd</td>
<td>PHAL 211, 221; PHSL 232 or BIOC 222; at least 54 further points from ANAT 241, BIOC 221, 222, 223, CHEM 205, MICR 221, 223, PATH 201, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd</td>
<td>PHAL 304, 306; at least 36 points from ANAT 332, BIOC 351, 352, 353, CHEM 305, MICR 334, PATH 302, PHAL 303 (or 305), PHSL 343, 344, 345; 36 further points</td>
</tr>
</tbody>
</table>

Total 360 points

### Functional Human Biology

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; 36 further points. HUNT 141, MAOR 102, PHSI 191, STAT 110 or 115 recommended.</td>
</tr>
<tr>
<td>2nd</td>
<td>ANAT 241 or PHSL 231, and PHSL 232, 233; at least 54 points from ANAT 241, 242, BIOC 221, 223, HUNT 241, 243, MICR 221, 223, PATH 201, PHAL 211, 221, PHSL 231; 18 further points</td>
</tr>
<tr>
<td>3rd</td>
<td>PHSL 343 or 344, 345; at least 36 points from ANAT 331, 332, 335, BIOC 353, HUNT 342, MICR 332, 334, PATH 301, PHAL 304, 305, PHSL 341 or 342 or 343 or 344; 36 further points</td>
</tr>
</tbody>
</table>

Due to timetable constraints the following paper combination is not possible:

ANAT 331, PATH 301 and PHSL 345 cannot be taken concurrently. PHSL 345 cannot be taken with either ANAT 331 or PATH 301.

Total 360 points

### Infection and Immunity

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; 36 further points. HUNT 141, MAOR 102, PHSI 191, STAT 110 or 115 recommended.</td>
</tr>
<tr>
<td>2nd</td>
<td>MICR 221, 223, and PATH 201 or MICR 222; at least 54 points from ANAT 241, BIOC 221, 222, 223, FOSC 202, GENE 221, 223, MICR 222, PATH 201, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd</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 343, 345; 36 further points</td>
</tr>
</tbody>
</table>

Total 360 points

### Molecular Basis of Health and Disease

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; 36 further points. HUNT 141, MAOR 102, PHSI 191, STAT 110 or 115 recommended.</td>
</tr>
<tr>
<td>2nd</td>
<td>BIOC 221, 223, PATH 201; at least 54 points from ANAT 241, 243, BIOC 222, GENE 221, 222, 223, HUNT 241, 243, MICR 221, 223, PHAL 211, 221, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd</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, HUNT 342, MICR 332, 334, 337, PATH 301, 302, PHAL 304, 305, 306, PHSL 343, 345; 36 further points</td>
</tr>
</tbody>
</table>

Total 360 points

### Nutrition and Metabolism in Human Health

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; 36 further points. HUNT 141, MAOR 102, PHSI 191, STAT 110 or 115 recommended.</td>
</tr>
<tr>
<td>2nd</td>
<td>BIOC 223, HUNT 241, 243; at least 54 further points from ANAT 241, 242, BIOC 221, 223, HUNT 241, 243, MICR 221, 223, PATH 201, PHSL 232, 233; 18 further points</td>
</tr>
<tr>
<td>3rd</td>
<td>HUNT 342 and BIOC 353 or HUNT 346; at least 36 further points from ANAT 331, 332, BIOC 352, 353, GENE 313, 315, HUNT 343, 346, MICR 331, 332, PATH 301, 302, PHSL 343, 344, 345; 36 further points</td>
</tr>
</tbody>
</table>

Total 360 points

### Reproduction, Genetics and Development

<table>
<thead>
<tr>
<th>Year</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st</td>
<td>BIOC 192, CELS 191, CHEM 191, HUBS 191, 192; 36 further points. HUNT 141, MAOR 102, PHSI 191, STAT 110 or 115 recommended.</td>
</tr>
<tr>
<td>2nd</td>
<td>ANAT 243, GENE 221, 223; at least 54 points from ANAT 241, 242, BIOC 221, GENE 222, MICR 223, PATH 201, PHSL 231; 18 further points. (GENE 222 required if intending to take GENE 313 in third year)</td>
</tr>
<tr>
<td>3rd</td>
<td>Three of ANAT 333, 334, GENE 314, 315; at least 18 points from ANAT 332, 333, 334, ANTH 322, BIOC 352, GENE 313, 314, 315, MICR 332, 334, PATH 301, 302, PHSL 341, 342, 36 further points</td>
</tr>
</tbody>
</table>

Due to timetable constraints the following paper combinations are not possible: ANAT 333 and PATH 301 cannot be taken concurrently. Students wishing to include PATH 301 must also take ANAT 334, GENE 314, 315. ANAT 334 and PATH 302 cannot be taken concurrently. Students wishing to include PATH 302 must also take ANAT 333, GENE 314 or ANAT 334, GENE 315.

Total 360 points
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 an honours or postgraduate diploma 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 Commerce – BACom

otago.ac.nz/courses/bacom.html

The normal structure of the programme for the degree of BACom 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 the required papers BSNS 111–115.
- Must include at least 216 points for papers from Arts and Music Schedule C and 216 points for papers from Commerce Schedule C (see page 104).
- Must include two major subjects: one from those available for Bachelor of Arts (see pages 54–58) and a different one from those available for Bachelor of Commerce (see pages 82–83).
- May include a specified minor subject. See pages 52 and 96 for details.

There are about 400 combinations of major subjects available, so it is not possible to provide summaries of all BACom programmes. The following is only one example, showing a programme including the major subject requirements for Communication Studies (an Arts major subject) and Marketing (a Commerce major subject).

**Specimen BACom programme**

100-level  MFCO 102 and MFCO 103;
BSNS 111, BSNS 112, BSNS 113, BSNS 114, BSNS 115, MART 112

200-level  MFCO 202;
two further papers from 200-level MFCO papers, GEND 205;
MART 212;
two of MART 201, MART 210, MART 211

300-level  MFCO 303;
three further papers from 300-level MFCO papers, GEND 305;
MART 301;
three further 300-level MART papers

Plus two further papers from Arts and Music Schedule C;
two further papers in any subject

Bachelor of Arts and Science – BASc

otago.ac.nz/courses/basc.html

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 104).
- Must include two major subjects: one from those available for Bachelor of Arts (see pages 54–58) and a different one from those available for Bachelor of Science (see pages 69–74).
- May include a specified minor subject. See pages 52 and 96 for details.

There are about 1,500 combinations of major subjects available, so it is 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
Bachelor of Commerce and Science – BComSc

The normal structure of the programme for the degree of BComSc 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 the required papers BSNS 111–115.
- Must include at least 216 points for papers from Commerce Schedule C and 216 points for papers from Science Schedule C (see page 104).
- Must include two major subjects: one from those available for Bachelor of Commerce (see pages 82–83) and a different one from those available for Bachelor of Science (see pages 69–74).
- May include a specified minor subject. See pages 52 and 96 for details.

There are about 450 combinations of major subjects available, so it is not possible to provide summaries of all BComSc programmes. The following is only one example, showing a programme including the major subject requirements for Management (a Commerce major subject) and Land Planning and Development (a Science major subject).

Specimen BComSc programme

100-level
- BSNS 111, BSNS 112, BSNS 113, BSNS 114, BSNS 115, MANT 101;
- SURV 101, SURV 120, MATH 130

200-level
- MANT 250, MANT 251;
- one further MANT 200 paper;
- ENGL 228, SURV 203, SURV 204, SURV 205, SURV 206, SURV 208, SURV 297

Note: ENGL 228 should be taken in the second semester of the first year of study.

300-level
- Four 300-level MANT papers:
  - SURV 303, SURV 304, SURV 455;
  - at least 36 points from SURV 306, SURV 309, SURV 319, SURV 329, SURV 450, SURV 453, SURV 454, PMAN 401

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, BCom, or BHealSc or in any of several subjects available only for DipGrad: Buddhist Studies, Creative Marketing, Criminology, 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.
Postgraduate Diploma in Higher Education – PGDipHighE

otago.ac.nz/courses/pgdiphighe.html

The normal PGDipHighE programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Higher Education Development Centre.

The PGDipHighE may be endorsed in Clinical Education or Educational Technology, for which students will undertake study in the selected specialist area in each paper.

To be admitted, students must normally be graduates and teach tertiary students at a university or polytechnic. If enrolling for the Clinical Education endorsement, students should normally also be engaged in clinical teaching at the tertiary level. The programme may be completed in two to four years of part-time study and is available on campus or by distance.

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

HEDU 501, 502, and 503 (30 points each)
HEDU 510 (30 points); or a 30-point paper at 400-level approved by the Programme Director

The University also offers the following Higher Education qualification:

Postgraduate Certificate in Higher Education (PGCertHighE) – achieved by passing HEDU 501 and 502 (30 points each)

May be endorsed in in Clinical Education or Educational Technology

Students who proceed from the certificate to the diploma shall be exempted from any papers already passed for the earlier qualification.

Master of Higher Education – MHEd

otago.ac.nz/courses/mhed.html

The normal MHEd programme structure is set out below. Some variations may be possible. For further details consult the University Calendar or the Head of the Higher Education Development Centre.

The MHEd may be endorsed in Educational Technology, for which students will undertake study in the specialist area of educational technology in each paper and the research project.

To be admitted, students must normally teach tertiary students at a university or polytechnic and either be graduates with an average grade of at least B+ in the 300-level requirements for the degree or hold a postgraduate qualification at an equivalent standard. The programme normally involves full-time study for not less than 12 months and is available on campus or by distance.

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

HEDU 501, 502, 503, and 504 (30 points each)
HEDU 590 (60 points)

Students who proceed from the PGDipHighE to the MHEd shall be exempted from any papers already passed for the earlier qualification.
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 Entrepreneurship, Bachelor of Health Sciences, Bachelor of Arts and Commerce, Bachelor of Arts and Science, and Bachelor of Commerce 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**
- **100-level**
  - ACCT 102, BSNS 115
- **200-level**
  - See below
- **300-level**
  - Three ACCT or ACFI papers above 100-level, including at least one 300-level ACCT paper
  - Total: 90 points

**Agricultural Innovation**
- **100-level**
  - AGRI 101
- **200-level**
  - Two papers listed in the Agricultural Innovation major at 200-level, including AGRI 221
- **300-level**
  - Two papers listed in the Agricultural Innovation major at 300-level, including at least one of AGRI 321, 322, 323
  - Total: 90 points

  *Note: Students should check the prerequisites for their selected 300-level papers when choosing their 200-level options.*

**Anatomy**
- **200-level**
  - ANAT 241, 242, 243
    - Prerequisites for ANAT 241, 242, 243 include CELS 191, CHEM 191, HUBS 191, 192;
    - BIOA 201 is the prerequisite for BIOA 301
  - Total: 90 points

**Anthropology**
- **100-level**
  - Two 100-level ANTH papers
- **200-level**
  - Two 200-level ANTH papers
- **300-level**
  - One 300-level ANTH paper
  - Total: 90 points

**Aquaculture and Fisheries**
- **100-level**
  - MARI 112; STAT 110 or 115
- **200-level**
  - MARI 202, AQFI 251
- **300-level**
  - AQFI 301, 352
  - Total: 108 points

  *Note: Students taking the BSc in Marine Science will not be permitted to take an Aquaculture and Fisheries minor.*

**Asian Studies**
- **100-level**
  - ASIA 101
- **200-level**
  - ASIA 201; also see below
- **300-level**
  - ASIA 301; one of CHIN 241-244, 334, 342-344; GLBL 211 or 311; JAPA 242-244, 331, 342-344, MUSI 140, 268, 368; and one of ANTH 203, HIST 204, 231, 304, POLS 234, 318, RELS 202, 209, 216, 220, 226, 227, 236, 309, 316, 320, 326, 327, 336
  - Total: 90 points

  *Must include at least one paper above 200-level.*

**Biblical Studies**
- **100-level**
  - Two 100-level BIBS or HEBR papers
- **200-level**
  - Two 200-level BIBS papers
- **300-level**
  - One 300-level BIBS paper
  - Total: 90 points

**Biochemistry**
- **100-level**
  - BIOC 192
    - Prerequisite for BIOC 192 is CHEM 191
- **200-level**
  - Two of BIOC 221, 222, 223
    - Prerequisites for BIOC 221, 222, 223 include CELS 191
- **300-level**
  - Two 300-level BIOC papers
  - Total: 90 points

**Bioethics**
- **100-level**
  - PHIL 103 or 105
- **Above 100-level**
  - BITC 201, 202, PHIL 235, BITC 301
  - Students may substitute one of the required papers above 100-level with a paper at the same level or above from the following list: ANTH 322, 323, CLAS 340, CHTH 323, HIST 229, INDS 301, MFCO 222; PHIL 338; POLS 207
  - Total: 90 points

**Botany**
- **100-level**
  - BIOL 123
- **200-level**
  - Two of BTNY 201, 202, 203
- **300-level**
  - Two of BTNY 301, 302, 303 or One of BTNY 301, 302, 303; one of PLBI 301, 302
  - Total: 90 points
Minor subjects continued

Buddhist Studies
100-level RELS 102; also see below
200-level See below
300-level Four of ANTH 105, ASIA 101, CHIN 131, 132, JAPA 131, 132, RELS 202, 209, 216, 309, 316, 328
Total 90 points
Must include one 300-level paper and at least two other papers above 100-level

Community Health Care
100-level EDUC 105
200-level CMHC 201, 211
Prerequisites for CMHC 201 also include HUSB 191, 192
300-level CMHC 301, 311
Total 90 points

Computational Modelling
100-level COMO 101, MATH 170;
one of COMP 151, 161, 162
200-level COMO 204, MATH 202
300-level COMO 303
Total 108 points

Computer Science
100-level COMP 162;
one of COMP 101, 151, 161
200-level One of COSC 201, 202, 203, 204
300-level One of COSC 301-391;
Plus one further paper from COSC 201-204, 301-391
Total 90 points
Note: COMP 161 is usually required as a prerequisite for COMP 162, but is not necessary for students who have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.

Consumer Food Science
100-level FOSC 111
200-level Two of FOSC 201, 202, 213:
300-level One of FOSC 306, 308;
Plus one further paper from FOSC 112, STAT 110, 115, FOSC 201, 202, 213, 306, 308
Total 90 points

Criminology
100-level SOCI 103
Above CRIM 201;
100-level 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, PSYC 204, 325, SOCI 203, 263, SOCI 312
Total 90 points

Dance (not available for BPA)
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
100-level ECOL 111
200-level ECOL 211, 212
300-level Two of BTNY 301, 303, ECOL 313, 314, GEOG 390, 397, GEOG 372, MARI 301, 302, ZOOL 315, 318, 319
Total 90 points

Business Analytics
100-level INFO 130, COMP 120
200-level INFO 204 and one of ACCT 260, ECON 210, FINC 203, MART 212
300-level One of INFO 304, ACCT 306, ACCT 310, ACCT 360, FINC 302, ECON 375
Total 90 points
Note: Students should check the prerequisites for 200- and 300-level papers when selecting papers.

Chemistry
Five CHEM papers, including at least one at 300-level and excluding CHEM 150 and 390.
Total 90 points

Chinese
Five CHIN papers, at least three of which must be above 100-level, including at least one above 200-level.
Total 90 points

Christian Thought and History (not available for BTheol)
100-level Two 100-level CHTH papers
200-level Two 200-level CHTH papers
300-level One 300-level CHTH paper
Total 90 points

Classics
100-level Two CLAS, GREK or LATN papers at 100-level (or above)
200-level Two CLAS, GREK or LATN papers at 200-level (or above)
300-level One 300-level CLAS, GREK or LATN paper
ANAT 131 may be substituted for one 100-level CLAS, GREK or LATN paper
Total 90 points
No paper forming part of a minor in Greek or Latin may also count for a minor or major in Classics

Communication Studies
100-level MFCO 102, 103
Above MFCO 202;
100-level two further MFCO papers of which one must be above 200-level
GEND 205 or 305 may be substituted for one MFCO paper at the same level.
Total 90 points

Community Health Care
100-level EDUC 105
200-level CMHC 201, 211
Prerequisites for CMHC 201 also include HUSB 191, 192
300-level CMHC 301, 311
Total 90 points

Computational Modelling
100-level COMO 101, MATH 170;
one of COMP 151, 161, 162
200-level COMO 204, MATH 202
300-level COMO 303
Total 108 points

Computer Science
100-level COMP 162;
one of COMP 101, 151, 161
200-level One of COSC 201, 202, 203, 204
300-level One of COSC 301-391;
Plus one further paper from COSC 201-204, 301-391
Total 90 points
Note: COMP 161 is usually required as a prerequisite for COMP 162, but is not necessary for students who have gained entry to COMP 162 by passing COMP 151 with a grade of at least B or via an Advanced Placement Test.

Consumer Food Science
100-level FOSC 111
200-level Two of FOSC 201, 202, 213:
300-level One of FOSC 306, 308;
Plus one further paper from FOSC 112, STAT 110, 115, FOSC 201, 202, 213, 306, 308
Total 90 points

Criminology
100-level SOCI 103
Above CRIM 201;
100-level 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, PSYC 204, 325, SOCI 203, 263, SOCI 312
Total 90 points

Dance (not available for BPA)
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
100-level ECOL 111
200-level ECOL 211, 212
300-level Two of BTNY 301, 303, ECOL 313, 314, GEOG 390, 397, GEOG 372, MARI 301, 302, ZOOL 315, 318, 319
Total 90 points

Business Analytics
100-level INFO 130, COMP 120
200-level INFO 204 and one of ACCT 260, ECON 210, FINC 203, MART 212
300-level One of INFO 304, ACCT 306, ACCT 310, ACCT 360, FINC 302, ECON 375
Total 90 points
Note: Students should check the prerequisites for 200- and 300-level papers when selecting papers.

Chemistry
Five CHEM papers, including at least one at 300-level and excluding CHEM 150 and 390.
Total 90 points

Chinese
Five CHIN papers, at least three of which must be above 100-level, including at least one above 200-level.
Total 90 points

Christian Thought and History (not available for BTheol)
100-level Two 100-level CHTH papers
200-level Two 200-level CHTH papers
300-level One 300-level CHTH paper
Total 90 points

Classics
100-level Two CLAS, GREK or LATN papers at 100-level (or above)
200-level Two CLAS, GREK or LATN papers at 200-level (or above)
300-level One 300-level CLAS, GREK or LATN paper
ANAT 131 may be substituted for one 100-level CLAS, GREK or LATN paper
Total 90 points
No paper forming part of a minor in Greek or Latin may also count for a minor or major in Classics

Communication Studies
100-level MFCO 102, 103
Above MFCO 202;
100-level two further MFCO papers of which one must be above 200-level
GEND 205 or 305 may be substituted for one MFCO paper at the same level.
Total 90 points
Minor subjects continued

**Economics**

100-level  BSNS 113, ECON 112

Above

100-level  Three ECON papers at 200-level or above, including at least one of ECON 201 or ECON 271 or ECON 202, and at least one at 300-level

**Education**

100-level  EDUC 101, 102

Above

Three EDUC papers, including at least one above 200-level

Total  90 points

**Energy Management**

100-level  One 100-level PHSI paper (PHSI 132 recommended); MATH 130, 140

200-level  EMAN 201, 204

300-level  EMAN 301 or 308

Total  108 points

**Environmental Toxicology**

200-level  PHAL 211, 221 and CHEM 206.

Prerequisites for PHAL 211 are BIOC 192, CHEM 191, and two of CELS 191, HUBS 191, 192, BIOL 112, 123

Prerequisites for PHAL 221 are two of BIOC 192, CELS 191, CHEM 111, 191, HUBS 191, 192, BIOL 112, 123 and 54 further points

300-level  PHAL 306 and CHEM 306

Total  90 points

**European Studies**

Two of EURO 101, 202 or 302, 304;
one of CLAS 238, 343, ENGL 218, 311, 312, 313, 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 223, 225, 236, 325, 354, 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

**Entrepreneurship (Subject to approval)**

100-level  ENTR 101

200-level  ENTR 201

300-level  ENTR 301

Plus  36 additional points from ENTR 102, 202, MART 212, MANT 301, MART 306

Total  90 points

Students should check the prerequisites for 200- and 300-level papers when selecting papers. Students enrolled in this minor prior to 2022 may elect to complete under the old schedule.

**Environment and Society**

100-level  ENVI 111; 18 other approved papers (100-level or above)

200-level  ENVI 211; 18 other approved papers (200-level or above)

300-level  ENVI 311

Total  90 points

*ENVI 312 is available as one of the elective papers.*

**Environmental Management**

100-level  GEOG 101, ENVI 111

200-level  GEOG 216

300-level  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

Total  90 points

**Exercise and Sport Science**

100-level  SPEX 102

200-level  Three of SPEX 201, 202, 203, 204

300-level  One of SPEX 301, 302, 303, 304, 305

Total  90 points

Students should check the prerequisites for 200- and 300-level papers when selecting papers.

**Film and Media Studies**

100-level  MFCO 101, 102

Above

MFCO 210;

100-level  two further MFCO papers, of which one must be above 200-level

GEND 205 or 305 or CHIN 242 or 342 may be substituted for one MFCO paper at the same level.

Total  90 points

**Finance**

100-level  BSNS 114, FINC 102

Above

Three FINC or ACFI papers above 100-level, including at least one 300-level FINC paper

Total  90 points

**Food Science**

100-level  FOSC 111

200-level  Two of FOSC 201, 202, 213

(FOSC 201 is a prerequisite for FOSC 301 and 302)

300-level  One of FOSC 301, 302, 306, MICR 331;

Plus  One further paper from CELS 191, CHEM 191 or 111, STAT 110 or 115, FOSC 201, 202, 213, 301, 302, 306, MICR 221, 331

Total  90 points
Minor subjects continued

French
Five FREN papers, at least three of which must be above 100-level, including at least one above 200-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, CRIM 201, GEOG 210, HIST 215, 226, 234, MFCO 212, RELS 209, ANTH 316, 322, 327, EDUC 318, MFCO 301, RELS 309, any 200- or 300-level SOCI paper.
Total 90 points

Genetics
100-level CELS 191
200-level Two of GENE 221, 222, 223
Prerequisites for GENE 221 include CHEM 191
300-level Two of GENE 312, 313, 314, 315
Total 90 points

Geographic Information Systems
100-level SURV 120
200-level SURV 208
Above SURV 309, 314, 319, 320
Total 90 points

Geography (Arts Option)
100-level GEOG 101, 102
Above At least three GEOG papers including at least one above 200-level (excluding GEOG 201, 301, 380)
Total 90 points

Geography (Science Option)
100-level GEOG 101, 102
Above At least three of GEOG 201, 216, 281-289, 298, 299, 387-395, 397-399, with at least one paper above 200-level
Total 90 points

Geology
100-level EAOS 111 or GEOL 112
Plus Four other EAOS or GEOL papers, of which three must be 200 level or above and one must be at 300 level.
Total 90 points
Students should check the prerequisites for 200 and 300 level papers.

German
Five GERM papers, at least three of which must be above 100-level, including at least one above 200-level.
Total 90 points

Greek
100-level GREK 111, 112
200-level GREK 211, 212
300-level One 300-level GREK paper
Total 90 points
No paper forming part of a minor in Greek may also count for a minor or major in Classics

History
100-level Two 100-level HISt papers
200-level Two 200-level HISt papers
300-level One 300-level HISt paper
Total 90 points

Hospitality
100-level TOUR 103
Above TOUR 218;
100-level TOUR 303 or TOUR 304;
two further papers from TOUR 214, 216, 217, 303, 304, HUNT 246
Total 90 points

Human Nutrition
100-level HUNT 141
200-level Two of HUNT 241, 242, 243, 244, 245
300-level Two of HUNT 341, 342, 343, 346
Total 90 points

Human Resource Management
100-level MANT 101
200-level MANT 250
300-level MANT 345, 346
Plus one of MANT 217, 222, 251, 252, 330, 339, 347
Total 90 points

Human Services Law
100-level LAWS 101
200-level See below
300-level 60 points from LAWS 311, 417, 448, 459
Total 96 points

Indigenous Studies
Five papers:
MAOR 102, MAOR 202;
three of ANTH 204-206, 208, GEOG 278, HIST 206, 223, 246, INDS 301-310, MAOR 110, 203, 204, 207, 208, 210, 211 or 212, 213, MFCO 212, PACI 101, 103, 201-210, POLS 207, PUBL 203, SPAN 243, including at least one INDS paper at 300-level.
Total 90 points
Minor subjects continued

**Information Science**

100-level  
COMP 101;  
one further 100-level COMP paper

200-level  
Any two 200-level papers from INFO or COMP

300-level  
One 300-level INFO paper

Total  
90 points

**Irish Studies**

Five of ENGL 240, 241, 250, 340, 341, 350, HIST 218, 232, 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 above 200-level.

Total  
90 points

**Land Planning and Development**

100-level  
SURV 130, MATH 130

200-level  
Any two of SURV 203-206

If SURV 203 and SURV 204 are selected, SURV 297 must be taken concurrently.

300-level  
Any one of SURV 303, 304, 306, 455

Total  
90 points

**Latin**

100-level  
LATN 111, 112

200-level  
LATN 211, 212

300-level  
One 300-level LATN paper

Total  
90 points

No paper forming part of a minor in Latin may also count for a minor or major in Classics

**Linguistics**

100-level  
LING 111;  
one of GLBL 101 or any 100-level paper in Linguistics, Chinese, English, French, German, Greek, Hebrew, Japanese, Latin, Maori Language (MAOR 110, 111, 112), or Spanish

200-level  
LING 217;  
one further 200-level LING papers (excluding LING 231)

300-level  
One 300-level LING paper

Total  
90 points

**Management**

100-level  
MANT 101

Above  
MANT 250 or 251;  
three MANT papers at 200-level or above, including one at 300-level

Total  
90 points

**Māori Health**

100-level  
MAOR 102

200-level  
MAOH 201, PUBH 204

Prerequisites for MAOH 201 also include HUBS 191, 192 and PUBH 192

300-level  
MAOH 301, PUBH 304

Total  
90 points

Note: This minor subject is not available to students majoring in Community Health Care.

**Māori Studies**

100-level  
Two 100-level MAOR papers

200-level  
One 200-level MAOR paper, and one further MAOR, INDS, or PACI paper at 200-level or above

300-level  
One 300-level MAOR paper

Total  
90 points

**Marine Science**

100-level  
EAOS 111; MARI 112; one of COMO 101, MATH 120, 130, 140, STAT 110, 115

200-level  
MARI 201; MARI 202

300-level  
One 300-level paper in AQFI or MARI

Total  
90 points

Students who have passed at least one of COMO 101, MATH 120, 130, 140, STAT 110 or 115 as part of another subject’s requirements do not need to pass another one of these papers to fulfil the Marine Science minor subject requirements. Students should check the prerequisites for 300-level papers when selecting 200-level papers. Students majoring in Aquaculture and Fisheries will not be permitted to take a Marine Science minor.

**Marketing**

100-level  
MART 112

Above  
Four MART papers at 200-level or above, including at least two of MART 201, 210-212 and at least one at 300-level

Total  
90 points

**Mathematical Statistics**

100-level  
STAT 110 or STAT 115

Note: If BSNS 112 is required for a student’s major they may substitute BSNS 112 for (STAT 110 or STAT 115). Students who have taken BSNS 102 or 112 prior to declaring Mathematical Statistics as a minor may substitute BSNS 102 or 112 for STAT 110 or 115

Above  
STAT 270;

100-level  
three of STAT 260, 370, 371, 372

Total  
90 points

Note: Students taking a Statistics major will not be permitted to take a Mathematical Statistics minor.

**Mathematics**

100-level  
MATH 130, 140

200-level  
Two of COMO 204, MATH 201-203

300-level  
One 300-level paper in MATH; or COMO 303 or PHSI 336

Total  
90 points
Minor subjects continued

**Microbiology**

- **100-level**: CELS 191
- **200-level**: Two of 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 MICR 223 include HUBS 191
  
  - **300-level**: Two 300-level MICR papers
  
  Total 90 points

**Pacific Islands Studies**

- **100-level**: PACI 101; one of ANTH 103, 105, HIST 107, MAOR 102, MFCO 102, PACI 102, 103
- **200-level**: PACI 201; one of ANTH 204, 206, GEOG 278, HIST 208, MAOR 207, MFCO 212, MUSI 268, PACI 210, or approved Special Topic papers relevant to the Pacific Islands in ANTH, CHTH, GEOG, HIST, MAOR, PACI
- **300-level**: One of ANTH 327, GEOG 378, HIST 337, INDS 307, MAOR 307, MFCO 318, MUSI 368, PACI 301, 310, SOWK 303, 304, THEA 322
  
  or an approved Special Topic paper relevant to the Pacific Islands in ANTH, CHTH, GEOG, HIST, MAOR, PACI

  Total 90 points

**Music** (not available for MusB or BPA)

- **100-level**: Two MUSI papers, one of which may be replaced with MAOR 108
- **200-level**: 36 MUSI points at 200-level or above
- **300-level**: 18 300-level MUSI points

  Total 90 points

  PERF 205 or 305 may be substituted for one MUSI paper

**Music Production** (not available for MusB or BPA)

- **100-level**: MUSI 132; also see below
- **200-level**: MUSI 232; also see below
- **300-level**: MUSI 332; two of COMP 101, 151, 161, 162, COSC 201, 202, 203, 360, MFCO 103, MUSI 131, 135, 191, 233, 269, 333, 334, 369

  Total 90 points

  Must include three papers at 200-level or above

**Pathology**

- **200-level**: ANAT 241, BIOC 221, PATH 201
- **300-level**: PATH 301, 302

  Total 90 points

  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 – one of ANAT 241, BIOC 221, PATH 201 (with GENE 222, BIOC 352, GENE 313 as recommended or concurrent preparation)

**Pastoral Studies** (not available for BTheol)

- **100-level**: Two 100-level BIBS or CHTH papers
- **200-level**: Two 200-level PAST papers
- **300-level**: One 300-level PAST paper

  Total 90 points

**Nutrition Communication**

- **100-level**: HUNT 141, SCOM 109
- **200-level**: Two of HUNT 241-243, 245
- **300-level**: HUNT 341 or 343

  Total 90 points

**Neuroscience**

- **200-level**: ANAT 242, PHSL 231, PSYC 211
- **300-level**: Two of ANAT 332, 335, 336, NEUR 302, 303, PHAL 303, PHSL 341, 342, PSYC 313, 317, 319, 323, 330, ZOOL 314

  Total 90 points

  No more than one 300-level paper with the same subject code (other than NEUR) may count towards the minor subject requirements.

  Prerequisites for all papers are recorded on the paper information pages. Note that the prerequisite for PHAL 303 is PHAL 211, the prerequisites for PHAL 211 are BIOC 192 and CHEM 191, and for Neuroscience students the prerequisite for PSYC 211 is PSYC 111.

**Pharmacology**

- **200-level**: PHAL 211, 221; one 200-level ANAT, BIOC, GENE, MICR or PHSL paper

  Prerequisites for PHAL 211 are BIOC 192, CHEM 191, and two of CELS 191, HUBS 191, 192, BIOL 112, 123

  Prerequisites for PHAL 221 are two of BIOC 192, CHEM 191, CELS 191, HUBS 191, 192, BIOL 112, 123 and 54 further points

- **300-level**: Two of PHAL 303, 304, 305, 306

  Total 90 points

**Pacific and Global Health**

- **100-level**: PUBH 192
- **200-level**: PACH 201, PUBH 203, 211
- **300-level**: PACH 301

  Total 90 points

  Note: This minor subject is not available to students majoring in Community Health Care.

**Philosophy**

- **100-level**: Two 100-level PHIH papers
- **200-level**: Two 200-level PHIH papers
- **300-level**: One 300-level PHIH paper

  Total 90 points
Minor subjects continued

**Physical Activity and Health**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>SPEX 102</td>
<td>Two of SPEX 203, 205, 206</td>
</tr>
<tr>
<td>200-level</td>
<td>Two of SPEX 306, 308, 309, 310</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td>Students should check the prerequisites for 200- and 300-level papers when selecting papers. Cannot be taken by students majoring in Physical Education, Activity and Health.</td>
</tr>
</tbody>
</table>

**Physics**

Four PHSI papers, at least two of which must be above 100-level, including at least one at 300-level or above.

One further PHSI paper above 100-level or EMAN 201

Math 130 and 140 are prerequisites or corequisites for some PHSI papers

| Total | 90 points |

**Physiology**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>200-level</td>
<td>PHSL 231, 232, 233</td>
<td>tw0 PHSL 231, 232, 233 include HUBS 191, 192, and two of BIOC 192, CELS 191, CHEM 191, PHSI 191</td>
</tr>
<tr>
<td>300-level</td>
<td>Two of PHSL 341, 342, 343, 344, 345</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td></td>
</tr>
</tbody>
</table>

**Plant Biotechnology**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>BIOL 123</td>
<td></td>
</tr>
<tr>
<td>200-level</td>
<td>BION 201</td>
<td>Two papers from the list below*</td>
</tr>
<tr>
<td>300-level</td>
<td>PLBI 301 or PLBI 302</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td></td>
</tr>
</tbody>
</table>

**Politics**

One 100-level POLS paper, and four further POLS papers, three of which must be above 100-level including at least one at 300-level.

| Total | 90 points |

**Popular Music (not available for MusB or BPA)**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MUSI 103</td>
<td>One other paper from the list below*</td>
</tr>
<tr>
<td>200-level</td>
<td>Two papers from the list below*</td>
<td></td>
</tr>
<tr>
<td>300-level</td>
<td>One paper from the list below*</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td></td>
</tr>
</tbody>
</table>

* ANTH 105, MUSI 104, 105, ANTH 205, ASIA 201, MFCO 212, MUSI 203, 268, 269, PERF 205, MUSI 303, 368, 369, 371, 386, PERF 305

No more than one non-MUSI paper may be included

**Psychology**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>PSYC 111, 112</td>
<td></td>
</tr>
<tr>
<td>200-level</td>
<td>PSYC 210, 211, 212</td>
<td></td>
</tr>
<tr>
<td>300-level</td>
<td>One of PSYC 313, 315, 317, 318, 319, 321, 323, 324, 325, 326, 327, 328, 329, 330</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>108 points</td>
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</tbody>
</table>

**Public Health**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>POPH 192 or PUBH 192</td>
<td></td>
</tr>
<tr>
<td>200-level</td>
<td>PUBH 211</td>
<td></td>
</tr>
<tr>
<td>300-level</td>
<td>PUBH 303</td>
<td></td>
</tr>
<tr>
<td>Plus</td>
<td>Two further 200- or 300-level PUBH papers</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td>Note: This minor subject is not available to students majoring in Pacific and Global Health.</td>
</tr>
</tbody>
</table>

**Religious Studies**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>Two 100-level RELS papers</td>
<td></td>
</tr>
<tr>
<td>Above</td>
<td>At least three RELS papers, including at least one above</td>
<td></td>
</tr>
<tr>
<td>100-level</td>
<td>ANTH 225, ANTH 228, ANTH 325, ANTH 328, CHIN 241, CLAS 342, HIST 215, HIST 244, HIST 308, JAPA 243, JAPA 343 may be substituted for one RELS paper</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td></td>
</tr>
</tbody>
</table>

**Science Communication**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>MFCO 103, SCOM 109</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td></td>
</tr>
</tbody>
</table>

**Science of Religion**

RELS 110, one of BIOA 101, PSYC 111, PSYC 112, SCOM 109 or STAT 110, and three papers from the following list, including at least one at 300-level: HIST 229, RELS 217, 225, 237, 238, 240, 317, 325, 337, 338, 340

| 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, CRIM 201, SPEX 312 or 315, or STAT 110 may be substituted for one SOCI paper at the same level.

| Total | 90 points |

**Software Engineering**

<table>
<thead>
<tr>
<th>Level</th>
<th>Code</th>
<th>Papers</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-level</td>
<td>COMP 101, 161, 162</td>
<td>Note: Students are exempt from COMP 161 if they have gained entry to COMP 151 with a grade of at least B or via an Advanced Placement Test.</td>
</tr>
<tr>
<td>200-level</td>
<td>INFO 201, one of INFO 202, COSC 202</td>
<td></td>
</tr>
<tr>
<td>300-level</td>
<td>INFO 310</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>90 points</td>
<td></td>
</tr>
</tbody>
</table>

**Spanish**

Five SPAN papers, at least three of which must be above 100-level including at least one above 200-level.

| Total | 90 points |
Minor subjects continued

**Sport and Exercise Nutrition**

100-level  HUNT 141
200-level  HUNT 245; one of HUNT 241, 242, 243
300-level  HUNT 345; one of HUNT 341, 342, 343
Total  90 points

Note: HUNT 141 is a prerequisite for HUNT 241-243 but can be taken as a co-requisite for HUNT 241; other prerequisites for HUNT 241 are BIOC 192, CHEM 191, (HUBS 191, 192 or ANAT 101 and PHSL 101).

**Sustainable Finance**

100-level  BSNS 114; FINC 102; one of BSNS 112, STAT 110 or STAT 115
Above  FINC 202 (or both ECON 207, and one of EMAN 204 or ACCT 325); FINC 320 and MANT 337
Total  90 points

Notes: Students majoring in Finance must include ECON 207 and one of EMAN 204 or ACCT 325, and are not permitted to count FINC 202 towards the Sustainable Finance Minor. Students not majoring in Finance are required to take FINC 202.

**TESOL (Teaching English to Speakers of Other Languages)**

100-level  LING 111; one further 100-level LING paper
200-level  LING 231; one further 200-level LING paper or EDUC 252
300-level  One of LING 331 or 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

**Tourism**

100-level  TOUR 101
200-level  TOUR 219; and three of TOUR 216–218, 301, 305, 306, 310, 350, 351, including at least one 300-level paper
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, MFPC 220, THEA 241, ENGL 320, 327, 337, 342, 368, THEA 341, including at least one paper at 300-level
THEA 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
### Schedules of papers

The following are the "Schedule C" lists of papers for BA, BTheol, BSc, BCom, BACom, BASc and BComSc 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 54–103.

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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### Arts and Music

- **Agricultural Innovation**: AGRI 101, 221
- **Anatomy**: ANAT 131
- **Anthropology**: ANTH
- **Asian Studies**: ASIA
- **Biblical Studies**: BIBS
- **Bioethics**: BITC 201, 202, 301
- **Biological Anthropology**: BIOA
- **Business Studies**: BSNS 113
- **Chinese**: CHIN
- **Christian Thought and History**: CTHH
- **Classical Studies**: CLAS
- **Community Health Care**: CMHC
- **Computer and Information Science**: COMP (excluding COMP 270, 371-373)
- **Computer Science**: COSC
- **Criminology**: CRIM
- **Dance**: DACN
- **Digital Humanities**: DHUM
- **Economics**: ECON
- **Education**: EDUC
- **English**: ENGL
- **Environment and Society**: ENVI
- **European Studies**: EURO
- **French**: FREN
- **Gender Studies**: GEND
- **Geography**: GEOG
- **German**: GERM
- **Global Studies**: GLBL
- **Greek**: GREK
- **History**: HIST
- **Humanities**: HUMS
- **Indigenous Studies**: IND
- **Information Science**: INFO (excluding INFO 130)
- **Japanese**: JAPA
- **Latin**: LATN
- **Law**: LAWS 101
- **Linguistics**: LING
- **Māori Health**: MAOH
- **Māori Studies**: MAOR
- **Mathematics**: MATH
- **Media, Film and Communication**: MFCO
- **Music**: MUSI
- **Pacific and Global Health**: PACH
- **Pacific Islands Studies**: PACI
- **Pastoral Studies**: PAST
- **Performing Arts**: PERF 102, 103, 202, 203, 301, 302
- **Philosophy**: PHIL
- **Philosophy, Politics and Economics**: PHPE
- **Politics**: POLS
- **Psychological Medicine**: PSME 201
- **Psychology**: PSYC
- **Public Health**: POPH, PUBH
- **Religious Studies**: RELS
- **Science Communication**: SCOM
- **Social Work**: SOWK
- **Sociology**: SOCI
- **Spanish**: SPAN
- **Sport, Physical Education and Exercise**: SPEX 101, 102, 204, 206-209, 304, 306, 307, 312-316
- **Statistics**: STAT
- **Theatre Studies**: THEA

### Science

- **Agricultural Innovation**: AGRI
- **Anatomy**: ANAT (excluding ANAT 250)
- **Applied Science**: APPS
- **Aquaculture and Fisheries**: AQRI
- **Biochemistry**: BIOC
- **Bioethics**: BITC 201, 202, 210, 211, 301
- **Biological Anthropology**: BIOA
- **Biological Studies**: BIBS
- **Christian Thought and History**: CTHH
- **Hebrew**: HEBR
- **Pastoral Studies**: PAST
- **Chemistry**: CHEM
- **Community Health Care**: CMHC
- **Computational Modelling**: COMO
- **Computer and Information Science**: COMP (excluding COMP 270, 371-373)
- **Computer Science**: COSC
- **Computational Modelling**: COMO
- **Computer and Information Science**: COMP
- **Computer and Information Science**: COMP
- **Computer Science**: COSC
- **Digital Humanities**: DHUM
- **Earth and Ocean Science**: EAOS
- **Ecology**: ECOL
- **Economics**: ECON
- **Energy Management**: EMAN
- **English**: ENGL 127, 223, 317
- **Environment and Society**: ENVI
- **Food Science**: FORC
- **Forensic Analytical Science**: FORS
- **Forensic Biology**: FORB 201
- **Genetics**: GENE
- **Geography**: GEOG
- **Geology**: GEOL
- **Human Body Systems**: HUBS
- **Human Nutrition**: HUNT
- **Information Science**: INFO
- **Marine Science**: MARI
- **Materials Science and Technology**: MATS 204
- **Mathematics**: MATH
- **Media, Film and Communication**: MFCO
- **Microbiology**: MICR
- **Neuroscience**: NEUR
- **Pathology**: PATH
- **Pharmacology**: PHAL
- **Philosophy**: PHIL 105, 225, 226, 235, 334
- **Physics**: PHSI
- **Physiology**: PHSL
- **Plant Biotechnology**: PLBI
- **Project Management**: PMAN 401
- **Psychological Medicine**: PSME 201
- **Psychology**: PSYC
- **Public Health**: POPH 192, PUBH 192, 211, 311
- **Science Communication**: SCOM
- **Sport, Physical Education and Exercise**: SPEX
- **Statistics**: STAT
- **Surveying**: SURV papers
- **Toxicology – see Pharmacology**: ZOOL

### Commerce

- **Accounting**: ACCT, ACRI, ACTP
- **Agricultural Innovation**: AGRI 101, 221
- **Bioethics**: BITC 202
- **Business Law**: BLAW
- **Business Studies**: BSNS
- **Computer and Information Science**: COMP (excluding COMP 270, 371-373)
- **Computer Science**: COSC
- **Digital Humanities**: DHUM
- **Economics**: ECON
- **Entrepreneurship**: ENTR
- **Finance**: FINC
- **Information Science**: INFO
- **Management**: MANT
- **Marketing**: MART
- **Materials Science and Technology**: MATS 204
- **Philosophy**: PHIL 105, 235
- **Philosophy, Politics and Economics**: PHPE
- **Sport, Physical Education and Exercise**: SPEX
- **Tourism**: TOUR

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