

2024



# JumpSTART PHYSICS

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A course designed to JumpSTART you into  
PHSI 191 Biological Physics

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

## ABOUT THIS COURSE

The purpose of this course is to provide you with the background knowledge and study skills necessary to confidently undertake the PHSI 191 Biological Physics paper at Otago. It is designed for students whose training in secondary school physics and mathematics is incomplete, having not taken Year 12 (NCEA Level 2) physics. *Students undertaking this course will still need to meet the University's admission and entrance criteria in order to proceed to full credit study.*

The course is intensive and interactive, and runs in the Department of Physics from

**Monday 29 January to 16 February 2024.**

This is a full-time course and cannot be taken concurrent with another Summer School paper.

## PREREQUISITES

There are no prerequisites for this course. However, science and mathematics at NCEA Level 1 or above would be an advantage.

## RESTRICTIONS

Students who have achieved 14 credits and higher in NCEA Level 2 physics, or a pass in Sixth Form Certificate physics, will need the approval of the head of department.

## TEACHING FORMAT

This is an immersion course of three weeks. Full-time from 9am to 4pm, and includes integrated lectures, tutorials and workshops to effectively prepare students for the PHSI 191 Biological Physics paper.

### **25 hours of lectures, tutorials and lab work per week**

A certificate will be given at the end of the course to recognise each student's personal achievement.

The textbook for the course is *Introduction to Biological Physics for the Health and Life Sciences*, 2nd edition, by Franklin et al (Wiley 2019). This is also a required text for PHSI 191. The textbook may be purchased from the University Bookshop.



## ACCOMMODATION

One of the University colleges provide accommodation for students over the Summer School period. To find out which college please follow the link below to the Summer School website

[otago.ac.nz/summerschool/study/accommodation](http://otago.ac.nz/summerschool/study/accommodation)

Enrolment is open. Please email completed form to [physics.office@otago.ac.nz](mailto:physics.office@otago.ac.nz) or mail to:  
Department of Physics  
University of Otago, PO Box 56, Dunedin 9054

# ENROLMENT FORM

This course is NOT AVAILABLE on eVision

## JumpSTART PHYSICS

29 January - 16 February 2024

Name

Address

Tel

Mobile

Email

The following information required by the Ministry of Education for statistical and funding purposes

Male  Female  Gender diverse

Date of birth  /  /

Which of the following categories describes your country of citizenship/residency status?

NZ citizen  Australian citizen

Permanent resident  International (please specify)

Optional: To which ethnic group(s) do you belong?

NZ European / Pākehā

Māori  Iwi   
(please specify)

Pacific Nations   
(please specify)

Other   
(please specify)

### ENQUIRIES

Email [physics.office@otago.ac.nz](mailto:physics.office@otago.ac.nz)

### WHAT BACKGROUND IN PHYSICS DO YOU HAVE?

Please provide details:

|         | RESULT               | YEAR                 |
|---------|----------------------|----------------------|
| Year 13 | <input type="text"/> | <input type="text"/> |
| Year 12 | <input type="text"/> | <input type="text"/> |
| Year 11 | <input type="text"/> | <input type="text"/> |

Indicate registration of interest in Health Sciences First Year

2024  2025

### PAYMENT DETAILS

The domestic tuition fee for JumpSTART Physics is \$990 for 2024. The international tuition fee for JumpSTART Physics is \$1570 for 2024.

A confirmed place will only be granted to students who have paid fees. Students enrolled in PHSI 191 in semester 1 2024 will be given preference. JumpSTART Physics cannot be used as part of a university degree or to apply for a student loan. Payment should be made at the same time as submission of your enrolment form using internet banking to:

University of Otago  
ANZ BANK NEW ZEALAND LIMITED  
Acc No: 01-1839-0944124-00  
Please use as reference: GL10.FP.N01 and surname of the student

Please email completed form to [physics.office@otago.ac.nz](mailto:physics.office@otago.ac.nz) or mail to:  
Department of Physics  
University of Otago, PO Box 56, Dunedin 9054

### REFUNDS

It is recommended you view the University of Otago's Refund Policy at:

[otago.ac.nz/courses/continuingeducation](https://otago.ac.nz/courses/continuingeducation)

[otago.ac.nz/jumpstart](https://otago.ac.nz/jumpstart)