Program

Vision Science / Clinical Optometry

3182

#replaceHTags($URLMapContent.description)
**Faculty**
Faculty of Science

**Campus**
Kensington

**Study Level**
Undergraduate

**Typical duration**
5 Years

**Delivery Mode**
#arrayJoin($deliveryModesArray , ,)

**Intake Period**
Term 1

**Academic Calendar**
3+ Calendar

**Minimum Units of Credit**
240

**Award type**
Bachelors Pass

**Award(s)**
Bachelor of Vision Science - BVisSc
Master of Clinical Optometry - MClinOptom

**UAC Code**
429750

#@renderCricosCodeRow($URLMapContent.cricos, 0, $cricosDisplayStatus)#end
Learning Outcomes

1. Apply knowledge and skills in Optometry to work in ophthalmic industry and or as an autonomous practitioner.

   Global Citizens  Scholars  Leaders  Professionals

2. Demonstrate effective and professional skills in communicating information and judgements to patients and other health care providers.

   Leaders  Professionals

3. Articulate advanced and integrated understanding of a complex body of knowledge in Vision Science and Optometry, and their areas of professional practice.

   Scholars  Professionals  Leaders

4. Demonstrate an awareness of national and international issues within the disciplines of Vision Science and Optometry, and the impact they may have on the delivery of eye care to the community.

   Global Citizens  Scholars

5. Apply expert knowledge of ocular diseases and ocular therapeutics to the treatment and management of anterior eye diseases, foreign body removal and glaucoma co-management.

   Leaders  Scholars  Professionals

6. Use expert, specialised cognitive and technical skills in Optometry to independently and critically analyse and synthesise complex information, problems, concepts and theories.

   Leaders  Professionals  Scholars

7. Understand the scientific research process and ability to undertake independent research in Vision Science and Optometry. Apply established theories and concepts to a body of knowledge, and the interpretation and communication of knowledge and ideas to specialist and non-specialist audiences.

   Scholars  Leaders  Professionals

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Program Structure

Students must complete 240 UOC as a standalone program.

1. 228 UOC - Core Courses in Stages 1 to 5

2. 12 UOC - General Education Courses

Level 1 Core Courses

Students must take 48 UOC of the following courses.

**BABS1201 | 6 UOC**
Molecules, Cells and Genes

**CHEM1011 | 6 UOC**
Chemistry 1A: Atoms, Molecules and Energy

**CHEM1829 | 6 UOC**
Biological Chemistry for Optometry Students

**VISN1101 | 6 UOC**
Seeing the World: Perspectives from Vision Science

**VISN1111 | 6 UOC**
Geometrical and Physical Optics

**VISN1221 | 6 UOC**
Visual Optics

One of the following:

**MATH1031 | 6 UOC**
Mathematics for Life Sciences

**MATH1131 | 6 UOC**
Mathematics 1A

**MATH1141 | 6 UOC**
Higher Mathematics 1A

One of the following:

**PHYS1111 | 6 UOC**
Fundamentals of Physics

**PHYS1121 | 6 UOC**
Physics 1A

**PHYS1131 | 6 UOC**
Higher Physics 1A

**Level 2 Core Courses**

Students must take 42 UOC of the following courses.

**ANAT2111 | 6 UOC**
Introductory Anatomy

**OPTM2133 | 6 UOC**
The Clinical Environment

**OPTM2233 | 6 UOC**
Optical Dispensing

**PHSL2101 | 6 UOC**
Physiology 1A

**PHSL2201 | 6 UOC**
Physiology 1B

**VISN2111 | 6 UOC**
Ocular Anatomy and Physiology

**VISN2211 | 6 UOC**
Organisation and Function of the Visual System
Level 3 Core Courses

Students must take 42 UOC of the following courses.

OPTM3105  |  6 UOC
Disease Processes of the Eye 1

OPTM3133  |  6 UOC
Vision Science in the Consulting Room

OPTM3201  |  6 UOC
Ocular Imaging & Applied Vision Science

OPTM3205  |  6 UOC
Disease Processes of the Eye 2

OPTM3233  |  6 UOC
Working in the Clinical Environment

PHAR3306  |  6 UOC
Pharmacology for Optometry

VISN3111  |  6 UOC
Development and Aging of the Visual System

Level 4 Core Courses

Students must take 48 UOC of the following courses.

OPTM6400  |  6 UOC
Optometric Preclinical Practice

OPTM6411  |  6 UOC
Contact Lenses

OPTM6412  |  6 UOC
Clinical Optometry 4A
Students must take 48 UOC of the following courses.

Note: Students enrol in OPTM8514 Optometry Research Project each semester/term
General Education

Students must take 12 UOC of the following courses.

Any course defined as a Science course cannot be taken as General Education (GE). All other courses can be used to fulfil the GE requirement of this program, including GEN# coded courses. Any exceptions to these rules must be approved by the Associate Dean (Academic Programs) or nominee.

any General Education course

Excluded General Education Courses

Students may not undertake any of the following excluded courses.

any Computer Science course

any Food Technology course

any course offered by School of Medical Sciences

any course offered by Faculty of Science

any General Education - Faculty of Science course

Level 2 Maturity Rule

No student may commence Level 2 courses until 48 UOC of Level 1 courses have been successfully completed.

any level 2 course
OPTM2133  |  6 UOC
The Clinical Environment

OPTM2233  |  6 UOC
Optical Dispensing

PHSL2101  |  6 UOC
Physiology 1A

PHSL2201  |  6 UOC
Physiology 1B

VISN2111  |  6 UOC
Ocular Anatomy and Physiology

VISN2211  |  6 UOC
Organisation and Function of the Visual System

**Level 3 Maturity Rule**

Students may commence Level 3 courses upon successful completion of 48 units of credit of Level 2 courses.

OPTM3105  |  6 UOC
Disease Processes of the Eye 1

OPTM3133  |  6 UOC
Vision Science in the Consulting Room

OPTM3201  |  6 UOC
Ocular Imaging & Applied Vision Science

OPTM3205  |  6 UOC
Disease Processes of the Eye 2

OPTM3233  |  6 UOC
Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Related Programs

Related Programs

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Program Requirements

**Participation and Enrolment Requirements**
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**Progression Requirements**
#replaceHTags($course.progression_requirements)

For more information on university policy on progression requirements please visit [Academic Progression](#).

**Internships and Placements**
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Pathways

Honours Programs

Bachelor of Science (Honours) - BSc(Hons)

4500 Science (Honours)

Faculty: #renderFacultyFor($relatedItem)
Campus: Kensington
Units of Credit: 48
Typical Duration: 1 Years

Read More

Post Graduate

Doctor of Philosophy - PhD

1487 Vision Science

Faculty: #renderFacultyFor($relatedItem)
Campus: Kensington
Units of Credit: 144
Typical Duration: 3 to 4 Years

Read More
**Professional Outcomes**

**Accreditations**

Professional institutes that offer accreditation on completion of this program:

- Optometry Council of Australia and New Zealand

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**Career Opportunities**

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Recognition of Achievement

University Medal

The University Medal is awarded to recognise outstanding academic performance by a bachelor degree student in line with the University Medal Policy and University Medal Procedure.

Award of Pass with Distinction

The Award of Pass with Distinction is awarded when a weighted average mark (WAM) of at least 75% has been achieved and at least 50% of the requirements of the award completed at UNSW. All eligible programs will award Pass with Distinction except in special circumstances where approval of Academic Board has been given for a program to opt out.

For more information, please visit:

Current Students Pass With Distinction
Additional Information

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Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

Domestic Students
Commonwealth Supported Students
International Students

Additional Expenses
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Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179