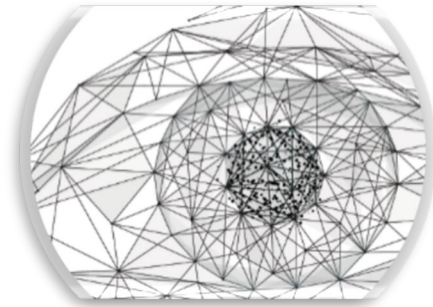


VISN1101

Seeing the World: Perspectives from Vision Science

Course Outline
Term 1, 2023



School of Optometry and Vision Science
Faculty of Medicine & Health

Table of Contents

| | |
|---|-----------|
| 1. Staff | 3 |
| 2. Course information | 3 |
| 2.1 Course summary | 3 |
| 2.2 Course aims | 4 |
| 2.3 Course learning outcomes (CLO) | 4 |
| 2.4 Relationship between course and program learning outcomes and assessments | 4 |
| 3. Strategies and approaches to learning | 6 |
| 3.1 Learning and teaching activities | 6 |
| 3.2 Expectations of students | 6 |
| 4. Course schedule and structure | 9 |
| 5. Assessment | 10 |
| 5.1 Assessment tasks | 10 |
| 5.2 Assessment criteria and standards | 12 |
| 5.3 Submission of assessment tasks | 12 |
| 6. Academic integrity, referencing and plagiarism | 14 |
| 7. Readings and resources | 15 |
| 8. Administrative matters | 16 |
| 9. Additional support for students | 18 |

1. Staff

| Position | Name | Email | Consultation times and locations | Contact Details |
|----------------------------|----------------------------------|--|--|-----------------|
| Course Convenor / Lecturer | Dr Vanessa Honson | v.honson@unsw.edu.au | By appointment During lab classes | Email |
| Lecturer | A/Prof Juno Kim | j.kim@unsw.edu.au | By appointment | Email |
| Lecturer | Donna la Hood | d.lahood@unsw.edu.au | By appointment | Email |
| Assoc Lecturers | Ashleigh Chandra Rabia Mobeen | Class times | During lab classes | |
| Laboratory Manager | Dr Dale Larden | d.larden@unsw.edu.au | During practical / laboratory classes or email queries | Email |

2. Course information

Units of credit: 6

Pre-requisite(s): For students intending to take this course as a core component of an Optometry or Vision Science major, HSC Mathematics is assumed knowledge. HSC Physics is recommended knowledge.

Bridging Courses are available to students entering UNSW; these courses usually run in January - February, before the start of Term 1. Students who do not have the appropriate assumed or recommended knowledge are strongly advised to undertake the relevant Bridging Course/s, or other appropriate preparation.

Teaching times and locations: UNSW Kensington Campus, Term 1. Some activities and assessments are provided online on Moodle. Please see <http://timetable.unsw.edu.au/2023/VISN1101.html> for lecture and tutorial/practical class locations.

2.1 Course summary

After completing this course, you will never see the world the same way again. This course provides an overview of how the eyes and brain work together to enable visual perception. The overview includes an introduction to the structure and function of the human eye and visual brain. You will also learn about the professional pathways open to vision scientists and optometrists, and how discoveries in optometry and vision science are used to improve vision and combat disease. The course also builds the graduate attributes required by vision scientists and optometrists by introducing research and communication skills including critical thinking, statistics, collaborative research and group presentation. It is the first course in the vision science major in the science or advanced science programs and in the optometry program.

<https://www.handbook.unsw.edu.au/undergraduate/courses/2023/VISN1101?year=2023>)

2.2 Course aims

The course aims to introduce the eye and visual system, sensory perception, and the professional context in which this understanding is applied in optometry and the vision sciences. Therefore, students will be first introduced to clinical and research methods and activities and have the opportunity to interact with practicing optometrists and vision scientists through carefully designed portfolio activities.

The course will provide students with the opportunity to develop a sense of identity and belonging with their colleagues, their program of study and their professional community. The course also aims to introduce students to research methods, focusing on evidence-based practice and basic statistics.

This course is intended to equip students who intend on pursuing an optometry or vision science major to have the foundation skills for further study in this area.

2.3 Course learning outcomes (CLO)

There are three streams in this course which are:

1. Visual perception and the visual system
2. Research methods
3. SCIF – developing an optometry and vision science learning community

At the successful completion of this course you (the student) should be able to:

1. Describe sensory perception and the role of visual perception.
2. Understand the gross anatomy of the eye and visual system and how they function together to result in visual perception, and interrelationships of all the major components of the visual system.
3. Be able to describe some of the processes of homeostasis which support cellular, organ and system function in the eye and human body.
4. Become familiar with the initial processes of evidence-based practice and understand the basics of research enquiry and statistics in the context of vision science.
5. Understand the discipline of optometry and vision science, its interdisciplinary context, and the professional pathways open to optometrists and vision scientists.
6. Reflect on personal development of graduate attributes¹ and their relevance to the discipline of optometry and vision science.
7. Effectively communicate theoretical knowledge gained in this course in both oral and written formats.
8. Develop team working skills to be able to effectively work with others.

2.4 Relationship between course and program learning outcomes and assessments

This course is designed to address the CLO and PLO as below. This course is a core and foundational course for Bachelor of Vision Science program (3181 and 3182) and the Master of Optometry program (3182 and 8095). The completion of both programs will allow graduates to register as a practicing optometrist in Australia and New Zealand. Accordingly, this course also aims to address some of the Optometry Australia Entry-Level Competency

¹ See Appendix 1 of this document

Standards (ELC)² and/or to teach foundational/prerequisite knowledge so these may be addressed in other parts of the programs.

| Course Learning Outcome (CLO) | LO Statement | Program Learning Outcome (PLO) | Related Tasks & Assessment |
|-------------------------------|---|---|--|
| CLO 1 | Describe sensory perception and the role of visual perception (ELC: 3.1, 3.4, 3.5, 3.7, 4.5, 4.7, 4.8, 4.10, 4.14) | PLO 3181 ³ : 1, 3, 4, 5, 7 PLO 3182 ⁴ : 1, 3, 5, 6 | Lectures Practical classes Moodle Quizzes Mid-term & Final Exams |
| CLO 2 | Understand the gross anatomy of the eye and visual system and how they function together to result in visual perception, and interrelationships of all the major components of the visual system (ELC: 3.2, 3.3, 3.4, 3.5, 3.6, 4.5, 4.7) | PLO 3181: 1, 3, 4, 5, 7 PLO 3182: 1, 3, 5, 6 | Lectures Practical classes Moodle Quizzes Mid-term & Final Exams |
| CLO 3 | Be able to describe some of the processes of homeostasis which support cellular, organ and system function in the eye and human body (ELC: 3.1, 3.2, 3.3, 3.8, 4.7, 4.9) | PLO 3181: 1, 3, 4, 5, 7 PLO 3182: 1, 3, 5, 6 | Lectures Moodle Quizzes Mid-term & Final Exams |
| CLO 4 | Become familiar with the initial processes of evidence-based practice and understand the basics of research enquiry and statistics in the context of vision science (ELC: 1.1, 1.2, 1.4, 1.8, 1.9, 1.10, 1.12, 2.1, 2.5, 4.4, 5.1) | PLO 3181: 1, 2, 3, 4, 5, 7 PLO 3182: 1, 3, 6, 7 | Lectures Tutorial classes Moodle Quizzes Learning Portfolio Mid-term & Final Exams |
| CLO 5 | Understand the discipline of optometry and vision science, its interdisciplinary context, and the professional pathways open to optometrists and vision scientists (ELC: 1.1,1.3, 1.4, 1.5, 1.6, 1.7, 1.8, 1.9, 1.10, 1.11, 1.12, 4.4, 4.11, 4.13, | PLO 3181: 1, 2, 3, 6 PLO 3182: 1, 4 | Lecture (Careers Panel) Learning Portfolio |
| CLO 6 | Reflect on personal development of graduate attributes and their relevance to the discipline of optometry and vision science (ELC: 1.1, 1.2, 1.3, 1.4, 1.5, 1.6, 1.8, 1.9, 1.12, 5.1, 5.2) | PLO 3181: 1, 3, 4, 6, 7 PLO 3182: 1, 4, 6 | Tutorial classes Learning Portfolio |
| CLO 7 | Effectively communicate theoretical knowledge gained in this course in both oral and written formats (ELC: 1.5, 1.6, 1.9, 1.10, 1.11, 2.1, 2.3, 4.4, 4.11, 4.13, 4.14, 5.1) | PLO 3181: 1, 2, 5 PLO 3182: 1, 2, 3, 7 | Learning Portfolio |

² The full version of the current standard is available from: Kiely, P. M. and J. Slater (2015). "Optometry Australia Entry-level Competency Standards for Optometry 2014." *Clinical and Experimental Optometry* 98(1): 65-89. <https://onlinelibrary.wiley.com/doi/10.1111/cxo.12216>

³ <https://www.handbook.unsw.edu.au/undergraduate/programs/2022/3181>

⁴ <https://www.handbook.unsw.edu.au/undergraduate/programs/2022/3182>

| | | | |
|-------|--|---|--|
| CLO 8 | Develop team working skills to be able to effectively work with others (ELC: 1.3, 1.4, 1.5, 1.6, 1.7, 1.9, 1.10, 1.11, 4.4, 4.11, 4.13) | PLO 3181: 1, 2, 5 PLO 3182: 1, 2, 3, 7 | Tutorial/Practical classes Learning Portfolio |
|-------|--|---|--|

3. Strategies and approaches to learning

3.1 Learning and teaching activities

Various features in addition to lectures will be used to aid learning in this course:

Moodle self-test quizzes – the self-test quizzes are designed to give you feedback on your level of understanding throughout the term.

Practical and tutorial classes – These classes will support what is taught in lectures by allowing space and time for thinking, discussion and the opportunity for you to perform tests and activities.

Learning Portfolio and group presentation – You will document your growing understanding of optometry and vision science, and your reflections of how your improved understanding assists you as a student, your developmental goals and how you see yourself in your future career. Major activities included in the Learning Portfolio include interacting with students who are in the higher years of your course, practicing optometrists and active researchers from a choice of activities which include visiting the UNSW Optometry clinic as a clinic patient, interacting with researchers in vision science by contributing to scientific knowledge by being a research participant, completing an online module for increasing your awareness of culturally safe practices and exploring self-management tools to help with study and career development. The group project component will require you to work collaboratively with students with whom you are not necessarily familiar on a topic that is related to optometry and vision science. You will be encouraged to express your findings creatively.

The teaching strategies aims to actively engaging you in the learning process, creating a challenging climate of enquiry. The use of interesting and diverse activities, including your prior experience and knowledge and contextualising what is learned will improve your educational experience.

3.2 Expectations of students

Students are reminded that UNSW recommends that a 6 units-of-credit course should involve about 150 hours of study and learning activities. The formal learning activities total approximately 50 hours throughout the term and students are expected (and strongly recommended) to do at least the same number of hours of additional study.

| | |
|---------------------------------|--|
| Expectations of Students | <p><u>Course Attendance:</u></p> <p>Teaching for this course will be comprised of both face-to-face and online formats. Lectures will be either live online synchronous (and recordings made available) or pre-recorded, whilst tutorials and practicals will be in person. There are 2 compulsory learning events in the term that require your presence (see below for more details).</p> <p>The course also consists of online materials and assessment, which includes pre- and post- lecture and tutorial/practical materials and the</p> |
|---------------------------------|--|

assessable Moodle Quizzes. Students are expected to access the Moodle website regularly throughout the term.

Some components of this course are compulsory, and you are expected to attend. Attendance at compulsory course components will be monitored.

The compulsory course components, and the justification for their compulsory nature, are as follows:

- The Careers Panel event in Week 7 is compulsory because of the special expertise of the presenters, which will provide information not accessible from other sources.
- The Group Presentations in Week 10 is compulsory to learn content from across the topics researched by each group.
- All tutorial/practical classes in this course must be attended because they act to reinforce theoretical components of the course, while teaching critical practical clinical skills prior to use in the clinic in the final year of the program.
- If you cannot attend in person to one or more practical classes for any health reason (including any signs of illness personally or by family members), please email the Course Convenor on ASAP.
- An 'On Country' module is in the development stages for all first-year students. More information to follow once finalised.
- COVID safe procedures have been adopted for all face-to-face practicals. Hygiene control is paramount in a clinical environment to reduce the spread of contagious pathogens. Enhanced hygiene measures are now required to reduce the risk of COVID infection. This includes more frequent hand-washing and hand disinfection, disinfection of work spaces before and after each practical session, appropriate social-distancing, and the use of masks. All students will be required to comply with all protocols and procedures.
- A student's combined attendance rate must be at least 80% for these components. Failure to attend the required number of classes without applying for special consideration may result in deductions of course marks and/or course failure.

Flexibility week will run during Week 6. The purpose of Flexibility week is to provide you with a break to allow you to catch up, and to enable other non-compulsory enrichment activities. Lectures or tutorial/practical classes will not be scheduled during Week 6.

Communications:

The primary and official mode of communication between the student and the School is the UNSW Zmail (see "Email" section below for more detail) and the Announcement Forum in Moodle. It is the responsibility of students to check these regularly.

To facilitate course and learning related student-student and student-instructor communication, a separate Q&A Forum is also available on Moodle. Please note that this forum is to be used for discussion on course related educational materials and topics only. Please refer to and observe

the Forum Use Guidelines & Rules on the Forum as well as relevant UNSW policies and governance⁵ before using the forum.

Email:

The University uses email as an official form of communication for students. All UNSW students have their own email account. The School of Optometry and Vision Science will also make use of this form of communication.

It is extremely important that you know how to use your Zmail and ensure that you check it regularly. You are advised to link your official UNSW email address to your habitual email address (e.g. hotmail). You will miss out on vital information from the School and University if you do not check your Zmail.

For more information or if you are having connection or access problems, see:

IT Service Centre

<https://www.myit.unsw.edu.au/>

Telephone: 02 9385 1333

Contact Us: <https://www.myit.unsw.edu.au/contact-us>

⁵ Responsible use of UNSW ICT Resource Policy: <https://www.gs.unsw.edu.au/policy/documents/ictpolicy.pdf>
UNSW Student Code Policy: <https://www.gs.unsw.edu.au/policy/documents/studentcodepolicy.pdf>

4. Course schedule and structure

| Week | Special Timeslot Monday 9-10am Live Online Lec (VH) MS Teams | Lecture 1 Monday 10-11am Live Online Lec (VH) MS Teams | Lecture 2 Monday 11-12pm Live Hybrid (JK) Webster A / MS Teams | <i>Pre-Recorded Lectures – Compulsory Viewing</i> | Tutorial / Prac 1 hr All classes IN PERSON W 1-5 As timetable W 7-10 Pre-Clinic Lab | Assignment and Submission dates | CLO |
|--|--|---|---|---|--|---------------------------------|------------------|
| Wk 1 Beg Mon 13th Feb | Course Introduction (VH) | Evidence-Based Practice <i>EBP</i> (VH) | The problem of perception (JK) | | EBP | e-Portfolio released | 1, 2, 4, 8 |
| Wk 2 Beg Mon 20th Feb | | EBP (VH) | Overview of visual pathways and processes (JK) | | EBP | Moodle Quiz | 1, 2, 4, 8 |
| Wk 3 Beg Mon 27th Feb | EBP (VH) | EBP (VH) | Eye movement and perception of form and motion (JK) | | Ethics | | 1, 2, 4, 8 |
| Wk 4 Beg Mon 6th Mar | Statistics (VH) | Statistics (VH) | Multisensory integration (JK) | | Statistics | Moodle Quiz | 1, 2, 4, 8 |
| Wk 5 Beg Mon 13th Mar | | | Mid-term 1 Exam In Person Check Moodle for Location | Cultural Competency in health care (DLH) | Eye Structures Self-Module [#] | | 1, 2, 4, 8 |
| Wk 6 Beg Mon 20th Mar | Flexibility Week | | | | | | |
| Wk 7 Beg Mon 27th Mar | Careers Panel* - Compulsory Attendance – Keith Burrows Theatre | | | Cells to systems / Anterior eye (VH/PK) | Measuring Vision / Colour Vision | | 2, 3, 5, 6, 8 |
| Wk 8 Beg Mon 3rd Apr | | Q&A / Mid-term review | | Anterior eye / Posterior eye (VH/PK) | Measuring Vision / Colour Vision | Assignment Part A2 | 2, 3, 5, 6, 8 |
| Wk 9 Beg Mon 10th Apr | Public Holiday Monday | | | Light and dark adaptation, VA, refractive error & accommodation (VH/PK) | Anterior Eye | Assignment Part B (1&2) | 2, 6, 8 |
| Wk 10 Beg Mon 17th Apr | Group Presentations* - Compulsory Attendance – Keith Burrows Theatre (Assignment Part B) | | | | Intro to Slit-lamp / Anterior Eye | Assignment A1 Moodle Quiz | 2, 3, 5, 6, 7, 8 |

* Denotes classes which attendance are compulsory (all tutorial/practical classes, and Week 7 and 10 lectures)

Lecturers: VH (Vanessa Honson), JK: (A/Prof Juno Kim), DLH (Donna La Hood, pre-recorded), PK (Pauline Kang, pre-recorded)

5. Assessment

5.1 Assessment tasks

| Task | Knowledge & abilities assessed | Assessment Criteria | % of total mark | Date of | | Feedback Who: Course Convenor | |
|--|---|--|-----------------|---------------------------------|--|----------------------------------|---|
| | | | | Release | Submission | When | How |
| THEORY: NEED >50% IN THE FINAL EXAM TO PASS THE COURSE | | | | | | | |
| Assessment 1: Moodle Self-Test Quizzes There are three online Moodle quizzes | Each quiz covers materials taught in the previous weeks to provide regular feedback on level of understanding of course materials. Each quiz will take approximately 30 minutes. | Accuracy of answers As this is predominantly a formative task, the final mark will be the highest grade (unlimited attempts) for each quiz. | 10% | Monday 9am of Weeks 2, 4 and 10 | Each quiz will close on Sunday midnight of Weeks 2, 4 and 10. | Immediate | Quiz results |
| Assessment 2: Learning Portfolio Individual component and project where students collaborate in groups of 6-7. | Knowledge comes from participation in a choice of activities, blog entry, reflection to discuss impact of activity and working in a group to research a topic in the vision science field. <i>Activities include:</i> <ol style="list-style-type: none"> 1. Being a UNSW Optometry Clinic patient 2. Interactions in vision science research 3. On Country module 4. Self-management toolkit <i>Abilities assessed:</i> <ul style="list-style-type: none"> • Ability to assemble a document which demonstrates satisfactory integration and reflection of how experience of the activities contributed to personal growth in understanding of one or more of the following: the ethical practice of your future profession, the scope and skill set required in the practice of optometry and vision science, the development of UNSW Graduate Attributes. Research, presentation and group team work | A marking rubric is provided in the course Moodle site for each of the assessment components | 30% | Friday 17/2/23 | <ul style="list-style-type: none"> • Sun 9/4/23, Careers Reflection • Fri 14/4/23, Video submission • Fri 14/4/23, Peer evaluation • Mon 17/4/23, In person Presentation • Fri 21/4/23, Activity blogs & register | Within 2 weeks of submission | Moodle marks for Careers Reflection and Project |

| Task | Knowledge & abilities assessed | Assessment Criteria | % of total mark | Date of | | Feedback Who: Course Convenor | |
|--|---|----------------------|-----------------|--|--------------------|--|---|
| | | | | Release | Submission | When | How |
| THEORY: NEED >50% IN THE FINAL EXAM TO PASS THE COURSE | | | | | | | |
| Mid-term exam | Comprehension, application and synthesis of all material covered in lectures and tutorial classes up to and including week 4. | Accuracy of answers. | 20% | Wk 5 In Person Held in Mon Lec time / Fri 3-5pm for SC & ELS students | N/A | Week 7 | General feedback to be provided in lecture. |
| Final exam | The final theory exam will draw on all material covered in the course, inclusive of theory and tutorial components. Exclusions will be the group presentation, career panel session and participatory activities. | Accuracy of answers. | 40% | During exam period In person | During exam period | Final marks released on my.unsw.edu.au for the whole course (not the exam separately). | |

Further information

UNSW grading system: <https://student.unsw.edu.au/grades>

UNSW assessment policy: <https://student.unsw.edu.au/assessment>

5.2 Assessment criteria and standards

See Moodle for individual assessment criteria.

5.3 Submission of assessment tasks

| | |
|-------------------------------|---|
| Assignment Submissions | <p>Assignments should be submitted via Moodle (electronic submission).</p> <p>This includes completed laboratory reports and logs which should be scanned/ photographed and submitted via Moodle.</p> <p>If your assignment requires submission of a pair of glasses/contact lenses, these may be submitted via the Assignment submission box at the Student Enquiry office (North Wing, Rupert Myers Building, Room 3.003), however the accompanying report should be submitted via Moodle.</p> <p>Marked assignments can be collected from the:</p> <ul style="list-style-type: none">• School Enquiry office during counter opening hours. You must show a valid student card to do this. <p>The School Policy on Submission of Assignments (including penalties for late assignments) and the Assignment Attachment Sheet are available from the School office (RMB3.003) and the School website at: https://www.optometry.unsw.edu.au/study/undergraduate-degrees/important-information-and-policies</p> |
|-------------------------------|---|

| | |
|---|--|
| Assessment Procedures UNSW Assessment Policy¹ | <p>SCHOOL OF OPTOMETRY AND VISION SCIENCE, UNSW</p> <p>Exam Period: 28 April – 11 May 2023</p> <p>SUPPLEMENTARY EXAMINATION INFORMATION, 2023</p> <p>SPECIAL CONSIDERATION</p> <p>On some occasions, sickness, misadventure or other circumstances beyond your control may prevent you from completing a course requirement, such as attending a formal end of semester examination. In these cases you may apply for Special Consideration. UNSW operates under a Fit to Sit/ Submit rule for all assessments. If a student wishes to submit an application for special consideration for an exam or assessment, the application must be submitted prior to the start of the exam or before an assessment is submitted. If a student sits the exam/ submits an assignment, they are declaring themselves well enough to do so. The application must be made via Online Services in myUNSW. Log into myUNSW and go to My Student Profile tab > My Student Services > Online Services > Special Consideration and attach student's supporting documentation (such as a medical certificate).</p> <p>CHRONIC ISSUES AND PRE-EXISTING CONDITIONS</p> <p>If you have chronic issues and pre-existing conditions, we recommend you apply for Educational adjustments for disability support through Disability Services. Register for Equitable Learning Support (formerly Disability Support Services) at https://student.unsw.edu.au/els/register</p> |
|---|--|

Absence from a final examination is a serious matter, normally resulting in a Fail (FL) grade. **If you are medically unfit to attend an examination, YOU MUST CONTACT THE SCHOOL DIRECTLY ON THE DAY OF THE EXAMINATION TO ADVISE OF THIS** (telephone 029385 4639, email: optometry@unsw.edu.au). You must also submit a Request for Special Consideration application as detailed on the UNSW website: <https://student.unsw.edu.au/special-consideration>

It is the responsibility of the student to consult the web site or noticeboard to ascertain whether they have supplementary examinations. This information WILL NOT be conveyed in ANY other manner. Interstate, overseas or any other absence cannot be used as an excuse.

This information will be available on the School web site at: <https://www.optometry.unsw.edu.au/> (do not confuse the School website with the myUNSW website) and posted on the notice board on Level 3. This information will be available as soon as possible after the School Examination Committee meeting.

SUPPLEMENTARY EXAMINATIONS FOR 2023 WILL BE HELD AS FOLLOWS:

FOR TERM 1:

- **STAGE 1-4* COURSES: WEDNESDAY, 17 MAY 2023 – FRIDAY, 19 MAY 2023**
- **THERE WILL BE NO SUPPLEMENTARY EXAMINATIONS FOR STAGE 5 STUDENTS IN TERM 1 2023**

FOR TERM 2:

- **STAGE 1-4 COURSES: WEDNESDAY, 30 AUGUST 2023 - FRIDAY, 1 SEPTEMBER 2023**
- **THERE WILL BE NO SUPPLEMENTARY EXAMINATIONS FOR STAGE 5 STUDENTS IN TERM 2 2023**

FOR TERM 3:

- **STAGE 5 COURSES ONLY: DURING THE WEEK OF MONDAY, 11 DECEMBER 2023 – FRIDAY, 15 DECEMBER 2023**
- **STAGE 1-4* COURSES: WEDNESDAY, 13 DECEMBER 2023 - FRIDAY, 15 DECEMBER 2023**

Supplementary examinations will be held at the scheduled time only. If students who are granted supplementary examinations do not attend, a failure will be recorded for that course. **Students should not make travel arrangements, or any other commitments, before establishing whether or not they have supplementary examinations. Ignorance of these procedures, interstate, overseas or any other absence will not be accepted as an excuse. But usual Special Consideration still applies.**

If additional assessment is not scheduled, this does NOT indicate whether or not a student has passed or failed the course. Results will be received in the usual way. Please do not contact the School in this regard.

Please note the above applies to OPTM and VISN courses only. Any information on supplementary examinations for servicing courses (e.g. CHEM****) is the responsibility of the School conducting the course.

** Stage 4 includes courses in the first year of the MCLinOptom program.*

Late Submission

UNSW has standard late submission penalties as outlined in the UNSW Assessment Implementation Procedure, with no permitted variation. All late assignments (unless extension or exemption previously agreed) will be penalised by 5% of the maximum mark per day (including Saturday, Sunday and public holidays). For example, if an assessment task is worth 30 marks, then 1.5 marks will be lost per day

(5% of 30) for each day it is late. So, if the grade earned is 24/30 and the task is two days late the student receives a grade of 24 – 3 marks = 21 marks.

Late submission is capped at 5 days (120 hours). This means that a student cannot submit an assessment more than 5 days (120 hours) after the due date for that assessment.

Special Consideration

If you experience a short-term event beyond your control (exceptional circumstances) that impacts your performance in a particular assessment task, you can apply for Special Considerations.

You must apply for Special Consideration **before** the start of your exam or due date for your assessment, except where your circumstances of illness or misadventure stop you from doing so.

If your circumstances stop you from applying before your exam or assessment due date, you must **apply within 3 working days** of the assessment, or the period covered by your supporting documentation.

More information can be found on the [Special Consideration website](#).

6. Academic integrity, referencing and plagiarism

Referencing is a way of acknowledging the sources of information that you use to research your assignments. You need to provide a reference whenever you draw on someone else's words, ideas or research. Not referencing other people's work can constitute plagiarism.

Please use Vancouver or APA referencing style for this course.

Further information about referencing styles can be located at <https://student.unsw.edu.au/referencing>

Academic integrity is fundamental to success at university. Academic integrity can be defined as a commitment to six fundamental values in academic pursuits: honesty, trust, fairness, respect, responsibility and courage.⁶ At UNSW, this means that your work must be your own, and others' ideas should be appropriately acknowledged. If you don't follow these rules, plagiarism may be detected in your work.

Further information about academic integrity and **plagiarism** can be located at:

- *The Current Students site* <https://student.unsw.edu.au/plagiarism>, and
- *The ELISE training site* <https://subjectguides.library.unsw.edu.au/elise>

The Conduct and Integrity Unit provides further resources to assist you to understand your conduct obligations as a student: <https://student.unsw.edu.au/conduct>.

⁶ International Center for Academic Integrity, 'The Fundamental Values of Academic Integrity', T. Fishman (ed), Clemson University, 2013.

7. Readings and resources

Textbooks

There are two set textbooks and five recommended textbooks. All textbooks will be useful for more than one year if you intend on taking optometry or vision science subjects in 2nd year and beyond.

Set text:

- Remington, L.A., Goodwin, D. (2021) Clinical Anatomy of the Visual System. 4th edition. Elsevier
- Moore, D., McCabe, G., and Craig, B (2017). Introduction to the Practice of Statistics. 9th edition. Freeman

Recommended texts:

- Sherwood, L (2013) Human Physiology: From Cells to Systems. 9th edition. Brooks/Cole
- Millidot, M (2009) Dictionary of Optometry and Visual Science. 7th edition. Butterworth-Heinemann.
- Stanfield, CL (2017) Principles of Human Physiology 6th edition. Boston: Pearson Education
- Field, A. (2017) Discovering Statistics using IBM SPSS Statistics. 5th edition. SAGE Publications Ltd
- Morris, S., Cranney, J., Baldwin, P., Mellish, L., & Krochmalik, A. (2018). The rubber brain: a toolkit for optimising your study, work, and life. 1st edition. Samford Valley, QLD: Australian Academic Press.

All texts are available at the UNSW Bookshop or at the UNSW Library

Required reading

Compulsory and optional readings as specified by the lecturers throughout the session will be listed on Moodle and provided when not accessible on-line through the UNSW library.

Moodle announcements for VISN1101 are an essential part of call every day or two. Announcements from staff to the whole class will be made through this medium for any changes, last minutes updates, etc. Zmail will only be used for personal messages to individual students.

In addition, the school website will hold important information including timetables, staff contact details, and information on supplementary examinations (<http://www.optometry.unsw.edu.au>).

Additional reading

Compulsory and optional readings as specified by the lecturers throughout the session will be made available on Moodle when not accessible on-line through the UNSW library.

Q&A Forum is available in Moodle for an open instructor-student and student-student discussion. Note that this is for topics **related to the course only** and you are expected to exercise common sense and abide by the forum rules.

Computer labs and software

The Optometry Computer Laboratory located at OMB LG21 can be used by Optometry and Vision Science students when classes are not in progress. Room availability is usually stated on a weekly schedule posted on the door.

If these spaces are occupied or unavailable, then the UNSW Library contains vast study and computing spaces that are open for longer hours than those in the school. Consult the UNSW Library website (<http://www.library.unsw.edu.au/>) for opening hours – hours are often longer at exam time. If you are concerned getting to/from the library at night, you can contact UNSW Security (<http://www.security.unsw.edu.au> or 9385 6000) for personal escort services around the UNSW campus.

Students are encouraged to download and utilise “Endnote”, a referencing app which will be useful throughout the program. This is available for UNSW students to download at: <https://www.it.unsw.edu.au/students/software/endnote.html>.

Student Societies and other resources:

The School has a peer support program for fourth year students to induct and orientate first year students and help them transition to university life. For more information, visit <https://student.unsw.edu.au/optometry-peer-mentoring> and <https://www.optometry.unsw.edu.au/opportunities/mentoring-and-support/peer-mentoring-group-registration-2020>

You should elect your year representatives to the UNSW Optometry Student Society (<http://www.optomsoc.com/>). They will be organising a number of social events and functions this session which you are all encouraged to attend.

Previous years have set up Facebook groups for the year (e.g. Class of 2023 <https://www.facebook.com/groups/242555786670842/>). You may wish to consider creating a similar group.

There are also many other Facebook groups which you can also join including:

- UNSW Optometry Student Society (<https://www.facebook.com/UNSWOptomsoc/>)
- UNSW Optometry and Vision Science (<https://www.facebook.com/UNSWOptom/?fref=ts>)
- UNSW Optometry Clinic (<https://www.facebook.com/UNSWoptometryclinic/>)

8. Administrative matters

Student enquiries should be submitted via student portal <https://portal.insight.unsw.edu.au/web-forms/>

Required Equipment, Training and Enabling Skills

| | |
|--|---|
| Enabling Skills Training Required to Complete this Course | <p>The UNSW Current Student site (https://student.unsw.edu.au/support) has helpful resources on a variety of topics including time management, examination preparation, and oral presentations.</p> <p>The Learning Centre also offers academic skills support to all students enrolled at UNSW (http://www.lc.unsw.edu.au).</p> <p>All commencing UNSW undergraduate students are expected to have completed the ELISE quiz accessible via Moodle. More information on ELISE is available on http://subjectguides.library.unsw.edu.au/elise/home</p> |
|--|---|

Course Evaluation and Development

Student feedback is gathered periodically by various means. Such feedback is considered carefully with a view to acting on it constructively wherever possible. This course outline conveys how feedback has helped to shape and develop this course.

| Mechanisms of Review | Last Review Date | Comments or Changes Resulting from Reviews |
|-----------------------------|-------------------------|---|
| Major Course Review | February 2015 | This course was presented for the first time in 2013, encompassing three strands including vision, the eye and visual system, research methods and the SCIF component for optometry and vision science students. The course has undergone major revision with the assistance of the UNSW Learning and Teaching Unit and the Faculty of Science. |
| | Dec 2018 | <p>This course has undergone major structural revisions in line with the new trimester system (UNSW3+) and the Digital Uplift Project by the PVCE.</p> <p>Many new online digital activities and learning resources have been created and subsequently incorporated into the course as part of the Digital Uplift project. This enables some of the learning to be shifted to a digital platform for increased flexibility and interactivity. Students are therefore strongly encouraged to complete these interactive online learning modules as instructed, either before or after the class.</p> <p>As part of the transition to the trimester system, major changes to the course schedule have been implemented.</p> |
| myExperience 7 | 2021 – 2022 | <p>Feedback for this course has been very positive with the structure and flow of the course content building through progression of the term, the diversity of course components and particularly the hands-on learning in the pre-clinical practicals.</p> <p>We have experienced mainly online lectures and tutorials as the only form of delivery due to Covid restrictions and concerns for the past 2 years. Whilst delivery of lectures will continue to be online to provide students with flexibility, tutorials, practicals and presentation events will return to in-person classes. This will allow a return to ensuring that students can engage with a full University experience.</p> <p>It is worthwhile noting that the content allows introduction to the program and understanding of vision science and optometry, which may not be readily apparent at this early stage. Improved scaffolding of content is under construction, and where time permits to re-record lectures. One major change for this year is the introduction of choice for students to participate in as many or few of the clinical, research and other related activities on offer to gain insights to this program.</p> |

⁷ myExperience process: <https://teaching.unsw.edu.au/myexperience>

9. Additional support for students

- The Current Students Gateway: <https://student.unsw.edu.au/>
- Academic Skills and Support: <https://student.unsw.edu.au/academic-skills>
- *Student Wellbeing and Health* <https://www.student.unsw.edu.au/wellbeing>
- UNSW IT Service Centre: <https://www.myit.unsw.edu.au/services/students>
- *UNSW Student Life Hub*: <https://student.unsw.edu.au/hub#main-content>
- *Student Support and Development*: <https://student.unsw.edu.au/support>
- *IT, eLearning and Apps*: <https://student.unsw.edu.au/elearning>
- *Student Support and Success Advisors*: <https://student.unsw.edu.au/advisors>
- *Equitable Learning Services (Formerly Disability Support Unit)*: <https://student.unsw.edu.au/els>
- *Transitioning to Online Learning* <https://www.covid19studyonline.unsw.edu.au/>
- *Guide to Online Study* <https://student.unsw.edu.au/online-study>

Appendix 1. Graduate Attributes

| Graduate Attributes Developed in this Course ⁸ | | |
|---|--|--|
| Science Graduate Attributes | Select the level of FOCUS <i>0 = NO FOCUS</i> <i>1 = MINIMAL</i> <i>2 = MINOR</i> <i>3 = MAJOR</i> | Activities / Assessment |
| Research, inquiry and analytical thinking abilities | 3 | Research Methods classes will equip you with the skills to understand the research process and what data is. You will have tutorial classes where you practice applying these skills. You will also have a group presentation which requires you to conduct research and analytical thinking. |
| Capability and motivation for intellectual development | 3 | You will be taught the big picture of the anatomical, physiological and psychological basis of vision with some detailed examples to demonstrate principles. The curriculum has been designed in order to provide you with a professional framework around which you can fit this big picture understanding. All materials have professional relevance. |
| Ethical, social and professional understanding | 2 | You will be asked to keep an online portfolio which will document the growth in your understanding of optometry and vision science, and your reflections of how your improved understanding assists you as a student, your developmental goals and how you see yourself in your future career. The Learning portfolio assignment will enable you to understand how the three streams are providing you with a foundation for future studies in optometry and the vision sciences. |
| Communication | 2 | Excellent communication skills are an essential attribute for any optometrist, vision scientist or university graduate. The group presentation will give you the chance to develop your group work communication and presentation skills and you will develop an understanding the importance of excellent communications skills through the Learning portfolio assignment. |
| Teamwork, collaborative and management skills | 2 | Teamwork is an essential skill required both in optometry, the research world, the ophthalmic industry and as a university student. The optometrist and vision scientist may be an important leader in a wider team. The group presentations will allow you to develop teamwork and collaboration skills. |
| Information literacy | 3 | An important component of this course is to develop your information literacy skills. A vision scientist will need to keep up to date with important developments in the scientific field, whilst an optometrist will need to know the latest in diagnosis and treatment techniques. Wherever your studies take you in the future, you will need to possess superior skills in finding out the information you need. The EBP tutorials and group presentation assignment will allow you to develop the skills and ability to make appropriate and effective use of relevant information. |

⁸ Contextualised Science Graduate Attributes: <https://www.science.unsw.edu.au/our-faculty/science-graduate-attributes>