



**UNSW**  
SYDNEY

Faculty of Science

School of Optometry and Vision Science

**OPTM5151 & OPTM5251**

**Management of Ocular Disease**

**(Handbook title – Clinical Ocular  
Therapeutics)**

Semesters 1 & 2, 2017

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# Faculty of Science - Course Outline

## 1. Information about the Course

NB: Some of this information is available on the [UNSW Handbook](#)<sup>1</sup>

<b>Year of Delivery</b>	2017
<b>Course Code</b>	OPTM5151 and OPTM5251
<b>Course Name</b>	Management of Ocular Disease (Handbook title - Clinical Ocular Therapeutics)
<b>Academic Unit</b>	School of Optometry and Vision Science
<b>Level of Course</b>	Undergraduate
<b>Units of Credit</b>	6 each semester
<b>Semester(s) Offered</b>	1 and 2
<b>Assumed Knowledge, Prerequisites or Co-requisites</b>	<p>Prerequisites: OPTM4151, OPTM4251, OPTM3131, OPTM3231, PHPH3306, OPTM4131, OPTM4231, OPTM4291</p> <p>Co-requisites: OPTM 5111, OPTM5211, OPMT5131, OPTM5231</p> <p>Recency of clinical experience is a critical pre-requisite for enrolment in this course. Students who have not studied Clinical Optometry 4 in the preceding year will be required to demonstrate a sufficient level of clinical skills (similar to those expected of other students enrolling in the course). Just as the Optometry Board of Australia requires Optometrists to maintain their clinical skills to register as a clinical Optometrist, the School insists that students maintain their clinical skills to a suitable prerequisite level for enrolment.</p>
<b>Hours per Week</b>	Will vary according to rotation group (minimum 215 hours in total)
<b>Number of Weeks</b>	Introduction to Clinics (2 weeks), Clinic Sessions 1 & 2 (24 weeks total)
<b>Commencement Date</b>	<p>Clinical Preparedness Assessment – Friday, 6<sup>th</sup> January, 2017</p> <p>Clinical Rotations – Monday, 9<sup>th</sup> January, 2017 (Centre for Eye Health and Royal Hobart Hospital Eye Clinic ) as timetabled</p>

### Summary of Course Structure (for details see 'Course Schedule')

Component	Hours	Time	Day	Location
Red Eye Clinic. Clinical placement to include patient experience, tutorials, virtual patient cases, case discussions	70	9.00am-5:00pm	Monday-Friday Two week rotation as per rotation schedule (see Moodle)	UNSW Optometry Clinic
		Tutorial 9:15-10:30am	First Tuesday of rotation	UNSW Optometry Clinic
		Case discussions 9:00-11:00am*	Final Friday of rotation – *time subject to patient appointments.	UNSW Optometry Clinic
Prince of Wales Hospital Eye Clinic Placements	8	8:30am-12:30pm	Friday according to rotation timetable (see Moodle)	Prince of Wales Hospital Eye Clinic

<sup>1</sup> UNSW Online Handbook: <http://www.handbook.unsw.edu.au>

Centre for Eye Health placements and tutorials	210	8:30am-5:00pm	Monday-Friday Six week rotation as per timetable (see Moodle)	Centre for Eye Health, South Wing, RMB
Ocular Pathology Clinic	30	10:00am-12:00Midday 1:45-3:30pm 10:30am-12:30pm	Monday Tuesday Friday Students allocated a patient on any scheduled OP Clinic must attend an 8.45am tutorial (this tutorial is assessable). Patient diagnostic work-ups occur on: Monday – 9.15am Tuesday – 1.00pm Friday – 9.30am	UNSW Optometry Clinic, Special Services Room
Royal Hobart Hospital Eye Clinic	24	Varies	Monday-Friday Two week rotation as per timetable (See Moodle)	Royal Hobart Hospital Eye Clinic 11 <sup>th</sup> floor of the Wellington Centre (Opposite the Royal Hobart Hospital), Argyle Street, Hobart, TAS
Private Ophthalmology Clinic & Day Surgery placements	Up to 40	As per rotation group timetable	As per rotation group timetable (see Moodle)	As per rotation group timetable
Prince of Wales Hospital Diabetes Clinic placements	6	9:30am-12:30pm	Monday & Wednesday As per rotation group timetable (see Moodle)	Prince of Wales Hospital Diabetes Centre
Dermatology Placement	8	9:00am-5:00pm	Thursday As per rotation group timetable (see Moodle)	Dr John Pyne 367 President Ave Gynea
Ocular Diseases placements & skills workshop	12	As per rotation group timetable	As per rotation group timetable (see Moodle)	Australian College of Optometry, Ocular Diseases Service
Total	400+			
<b>Special Details</b>	Students will be assigned to one of two groups for placement rotations and activities. Students may be required to attend compulsory clinical placements outside of semester times, please refer to Moodle for further details.			

## 2. Staff Involved in the Course

Staff	Role	Name	Contact Details	Consultation Times
Course Convenor		Professor Fiona Stapleton	<a href="mailto:f.stapleton@unsw.edu.au">f.stapleton@unsw.edu.au</a>	Contact via email
Additional Teaching Staff	Academic Coordinator	Dr Alex Hui	<a href="mailto:alex.hui@unsw.edu.au">alex.hui@unsw.edu.au</a>	Contact via email
	Centre for Eye Health placement coordinator	Mr Michael Yapp	<a href="mailto:m.yapp@cfeh.com.au">m.yapp@cfeh.com.au</a>	Contact via email
	Ocular Pathology Clinic	Ms Anna Delmadoros	<a href="mailto:a.delmadoros@unsw.edu.au">a.delmadoros@unsw.edu.au</a>	Contact via email
		A/Prof Anthony Chapman- Davies	Email via Anna Delmadoros <a href="mailto:a.delmadoros@unsw.edu.au">a.delmadoros@unsw.edu.au</a>	Contact via email
		Dr Michael Hennessy	Email via Anna Delmadoros <a href="mailto:a.delmadoros@unsw.edu.au">a.delmadoros@unsw.edu.au</a>	Contact via email
	Hospital Eye Clinic, POW	A/Prof David Pye	<a href="mailto:d.pye@unsw.edu.au">d.pye@unsw.edu.au</a>	Contact via email
		Diabetes Centre supervisor	Ms Rebecca Dang (Monday and Wednesday)	<a href="mailto:r.dang@unsw.edu.au">r.dang@unsw.edu.au</a>
	Royal Hobart Hospital Eye Clinic	Mr Micheal Knipe	Email via Prof Stapleton	Contact via email
	External placement coordinator	Ms Michelle Bonanno	<a href="mailto:m.bonanno@unsw.edu.au">m.bonanno@unsw.edu.au</a>	Contact via email
	External placement coordinator	Ms Kath Watt	<a href="mailto:kathleen.watt@unsw.edu.au">kathleen.watt@unsw.edu.au</a>	Contact via email
	Red Eye Clinic Coordinator	Ms Lily Ho	<a href="mailto:lily.ho@unsw.edu.au">lily.ho@unsw.edu.au</a>	Contact via email
	Australian College of Optometry placement coordinator	Professor Fiona Stapleton	<a href="mailto:f.stapleton@unsw.edu.au">f.stapleton@unsw.edu.au</a>	Contact via email
		Ms Jane Trevaskis	Phone 03 9349 7541	During placement or in emergency phone Jane Trevaskis

### 3. Course Details

<b>Course Description<sup>2</sup></b> (Handbook Entry)	This supervised clinical course is designed to provide guided practical experience in the therapeutic management of ocular disease. Students will develop the ability to competently undertake safe and autonomous therapeutic management of patients, including the ability to design, implement and monitor appropriate management programmes. The course comprises no less than 215 hours of clinical training in a range of settings, including primary, secondary and tertiary centres.	
<b>Course Aims<sup>3</sup></b>	This supervised clinical course is designed to provide guided practical experience in the therapeutic management of ocular disease. Students will develop the ability to competently undertake safe and autonomous therapeutic management of patients, including the ability to design, implement and monitor appropriate management programmes. The course aims also to equip students with the skills to incorporate ocular therapeutics into their professional practice and to work in an integrated way with other health professionals.	
<b>Student Learning Outcomes<sup>4</sup></b>	<p>On completion of the course, students will (Refer to Kiely PM, Slater J. Optometry Australia Entry-level Competency Standards for Optometry 2014. Clin Exp Optom 2015;98:65-89)</p> <ul style="list-style-type: none"> <li>• Have practical experience in the differential diagnosis of ocular disease (Entry Level Competencies (ELC) 2.1-2.5, 3.1-3.4, 3.8, 4.1)</li> <li>• Be competent to design, develop and revise a management plan for selected ocular diseases (allergic, infectious, toxic and traumatic conditions of the anterior eye) based on a sound understanding of the signs, symptoms, underlying pathology, laboratory results, epidemiology and the health status and history of the patient for conditions which may require either pharmacological or non-pharmacological treatment or intervention (ELC 1.2, 1.3, 1.4, 1.5, 2.1-2.5, 3.1-3.4, 3.8, 4.1, 4.4, 4.9, 4.11, 4.13)</li> <li>• Be aware of the circumstances in which referral for specialist medical treatment is required and understand emergencies and serious complications that may be associated with anterior eye disease, so that these can be identified and managed promptly. This will also include the reporting of notifiable diseases and infection control (ELC 1.5, 1.7, 4.1, 4.4, 4.9, 4.11-4.13, 5.1, 5.2)</li> <li>• Have experience of planning and execute appropriate shared care arrangements for their patients, including being able to recognise the legal and ethical implications of such arrangements and interactions with other health care providers (ELC 1.3-1.7, 4.4, 4.9, 4.11-4.13, 5.1, 5.2)</li> <li>• Be competent to diagnose, treat and or monitor glaucoma (as outlined by the Optometry Australia) (ELC 1.6, 2.1-2.5, 3.1-3.4, 3.8, 4.1, 4.4, 4.9, 4.11-4.13, 5.1, 5.2)</li> <li>• Be able to communicate relevant advice and information to patients and others (ELC 1.5)</li> <li>• Have increased confidence in their ability to diagnose and appropriately manage ocular disease (ELC 1.3)</li> <li>• Appreciate the importance of ongoing skills training, for any practitioner working in this area (ELC 1.1)</li> </ul>	
<b>Graduate Attributes Developed in this Course<sup>5</sup></b>		
<b>Science Graduate Attributes</b>	<b>Select the level of FOCUS</b> <i>0 = NO FOCUS</i> <i>1 = MINIMAL</i> <i>2 = MINOR</i> <i>3 = MAJOR</i>	<b>Activities / Assessment</b>
<b>1. Research, inquiry and analytical thinking abilities</b>	<b>3</b>	Through clinical placements, case discussions and virtual patient experiences, students will develop technical competence, discipline specific knowledge, critical analysis and problem solving ability in appropriate diagnosis and management of those conditions amenable to optometric management. Assessment will be through the preparation of case reports, case presentations, case discussions and virtual patient reports.
<b>2. Capability and motivation for intellectual development</b>	<b>3</b>	Students will be expected to competently undertake safe and autonomous therapeutic management of patients, including the ability to design, implement and monitor appropriate management programmes according to best practice within the legislative requirements. The placement log and reflective journal will support this process and learning will be specifically assessed through examination of written case reports

<sup>2</sup> UNSW Handbook: <http://www.handbook.unsw.edu.au>

<sup>3</sup> [Learning and Teaching Unit: Course Outlines](#)

<sup>4</sup> [Learning and Teaching Unit: Learning Outcomes](#)

<sup>5</sup> Contextualised Science Graduate Attributes: <http://www.science.unsw.edu.au/our-faculty/science-graduate-attributes>

3. <b>Ethical, social and professional understanding</b>	3	Clinical placements, case discussions and the students' own experience will encourage reflection on the professional, legal and ethical implications of disease management, including the planning and execution of appropriate shared care arrangements and interactions with other health care providers. Assessment will be through the placement log, preparation of case reports, supervisors report, and virtual patient reports
4. <b>Communication</b>	3	The supervised clinical placements will require students to participate in and to discuss all aspects of the diagnosis and management of those ocular diseases amenable to optometric management. This will encourage reflection on communication both with the patient and with other health care providers. Communication will be assessed through preparation of case reports, virtual patient reports, supervisors report and case discussions.
5. <b>Teamwork, collaborative and management skills</b>	2	Clinical placements, case discussions and the students' developing experience will reinforce the role of the practitioner as a provider within the health care system, including best practice interactions with other providers, including shared care, referral and communication arrangements. The course will require the development of independent learning, including time management and other management skills. Assessment will be through the preparation of case reports, supervisor report, referral letter writing and case discussions.
6. <b>Information literacy</b>	3	The course requires sourcing of the best evidence in disease diagnosis and management. Information literacy will be evidenced through the preparation of case reports and case discussions.
<b>Professional accreditation attributes</b>	See learning outcomes above mapped to the Optometrists Association of Australia professional competencies for therapeutic accreditation. Reference: Kiely PM, Slater J. Optometry Australia Entry-level Competency Standards for Optometry 2014. Clin Exp Optom 2015;98:65-89	
<b>Major Topics (Syllabus Outline)</b>	OPTM5151/5251 is a supervised and assessed clinical course comprising a minimum of 215 hours of clinical work, placements or demonstrations which take place in a range of clinical settings to encompass primary, secondary and tertiary practice related to management of ocular disease and specifically therapeutic management of ocular disease. Depending on the clinical setting, students will observe the therapeutic management of acute and chronic ocular disease, or will be expected to examine patients and present the case with a rational diagnosis and management plan to the supervising clinician. Clinical placements cover experience in primary eye care, cornea and anterior segment, glaucoma, uveitis, cataract and refractive surgery co-management. Candidates will be exposed to a full spectrum of ocular disease, response to management strategy, management failure and how to modify a management plan, drug resistance, adverse effects, drug interactions and appropriate referral. The clinical experience will be undertaken in a range of clinical settings under the supervision of ophthalmologists and therapeutically accredited optometrists.	
<b>Relationship to Other Courses within the Program</b>	<ul style="list-style-type: none"> <li>• OPTM5151 and OPTM5251 comprise 25% of the core subjects in the final year of the BSc BOptom programme <ul style="list-style-type: none"> <li>• See above for pre and co-requisites</li> </ul> </li> </ul>	

#### 4. Rationale and Strategies Underpinning the Course

<b>Teaching Strategies</b>	To maximise learning effectiveness, a number of strategies are used in the course to encourage critical thinking <sup>6</sup> and deep learning of the topics and issues. To achieve an adequate standard of knowledge and skills, students will need to undertake ongoing self-learning particularly on the current best practice in diagnosis and management of ocular disease and integration of this learning with students' clinical experience. The self-learning, reflective journal, virtual patient analysis and case study tasks require critical review, analysis and evaluation of the relevant scientific and clinical literature and consistent reading and reflection during the course. Case study tasks are informed by examples of best practice and by written and verbal feedback on draft reports.
<b>Rationale for learning and teaching in this course<sup>7</sup></b>	<b><i>Learning and teaching philosophy and attributes</i></b> This course is intended to facilitate the development of skills in problem solving ability, clinical management, examination and diagnosis. It is a supervised and assessed clinical practicum

<sup>6</sup> What is meant by critical thinking? If you are unsure, please see the following discussion on critical reading and writing, provided by UNSW's learning centre: <https://student.unsw.edu.au/writing-critical-review>

<sup>7</sup> [Reflecting on your teaching](#)

	comprising a minimum of 215 hours clinical experience in a range of settings. Learning is reinforced through the completion of a case log, reflective journal, preparation of case reports, virtual patients, case discussions, oral presentations and tutorials.
<b>How the assessment supports and assists the learning</b>	Formal course assessment will comprise written case reports, supervisor assessment, oral and written case presentations, completion of virtual patient cases, preparation of referral letters and an oral examination. Case reports will include detailed case history, signs and symptoms, differential diagnoses, management strategies, communication and follow up schedule. Reports should include the initial evaluation and at least one follow up visit. At least one report will include a case of glaucoma and at least one will be a case of anterior segment infection or inflammation. A 30 minute oral including legislative aspects will be conducted by two examiners.

## 5. Course Schedule

Some of this information is available on the [Online Handbook](#)<sup>8</sup> and the [UNSW Timetable](#)<sup>9</sup>.

See rotation schedule and group allocations. Placement attendance is compulsory. For each and every placement a signed placement log must be submitted. It is your responsibility to also complete a summary log sheet so that a total number of cases in each of the disease groups may be determined. **If a placement is cancelled it is your responsibility to follow up to reschedule. All placement logs and the summary questionnaires, unless otherwise noted, are due to Moodle within 2 weeks of placement completion, or 5PM Friday 10<sup>th</sup> November 2017, whichever occurs first.**

Date	Activity	Teaching format (e.g., Internet-based, face-to-face lectures, tutorials, etc).	Assignment type and Submission dates
Per timetable	Red Eye Clinic	Clinical placement to include direct patient experience, tutorials, virtual patient cases, case discussions	Tutorial assessment and virtual patient discussion <b>on Day 2 of rotation</b>  Supervisor Evaluation  Oral presentation on final day of rotation  Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Per timetable	POWH Eye Clinic	Clinical placements & case discussions	Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Per timetable	Centre for Eye Health	Clinical placements, report writing, case review, attendance at weekly seminar, online lecture, article review and assessment task	Examination at end of second week of the rotation on imaging interpretation  Completion and submission of placement and equipment log <b>through Moodle within 2 weeks of placement completion</b>

<sup>8</sup> UNSW Virtual Handbook: <http://www.handbook.unsw.edu.au>

<sup>9</sup> UNSW Timetable: <http://www.timetable.unsw.edu.au/>



Per timetable	Ocular Pathology Clinic	Clinical participation and observation, case discussions and tutorials	Perimetric assessment, posted on Moodle/email in Week 9, Semester 2 and due 2 weeks later  2 -3 case presentations (inclusive of referral letter critique) and preliminary diagnostic patient work ups  Supervisor Evaluation  Referral letter task to be completed and submitted at first Friday OP clinic
Per timetable	Private Ophthalmology Clinic & Day Surgery	Clinical placements, case discussions, observation of surgery	Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Per timetable	Royal Hobart Hospital Eye Clinic	Clinical placements and case discussions	Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Per timetable	Hospital Diabetes Clinic	Clinical placements, case discussions	Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Per timetable	Dermatology	Clinical placement, case discussions	Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Per timetable	Australian College of Optometry, Ocular Diseases Service	Clinical placements, case discussions, skills workshop	Completion and submission of placement log <b>through Moodle within 2 weeks of placement completion</b>
Final oral exam			Overall summary log showing total number of cases in each category and all outstanding logs submitted through <b>Moodle by 5PM Friday 10<sup>th</sup> November 2017</b>  30 minute oral scheduled during the exam period.

\*NB: As stated in the UNSW Assessment Policy: 'one or more tasks should be set, submitted, marked and returned to students by the mid-point of a course, or no later than the end of Week 6 of a 12-week session'

## 6. Assessment Tasks and Feedback<sup>10</sup>

Formal course assessment will comprise of **written assignments** (35%), **submission of case logs** (5%), **supervisor evaluations** (15%), **case discussions and presentations** (15%), **an oral examination** (30%) and three hurdles - **a clinical preparedness assessment, the Centre for Eye Health quiz** and the **Fresno medical education test**. A grade of more than 50% in each of the written assignment, supervisor evaluation, case discussions and presentation, and oral examination components is required to pass the course.

The **written assignments** are comprised of case reports, a perimetry assignment and a referral letter assignment (35%)

1. **Two (2) written case reports** are required. One report is due **5PM Friday, 2<sup>nd</sup> June, 2017** and the second due **5PM Friday 6<sup>th</sup> October, 2017**. Case reports may be submitted earlier than the published deadline. Failure to submit a case report in Semester 1 will prevent progression to Semester 2. Case reports are to be submitted electronically to Turnitin via Moodle, and feedback will be provided electronically via Turnitin.

- a. **Case reports** should include the initial evaluation and at least one follow up visit where possible, and comprise of a detailed case history, differential diagnosis, management strategies, patient counseling and follow up schedule. Imaging, diagnostic tests and photographs should be included where possible. The marking scheme and example case reports are provided via Moodle prior to submission.
  - i. One report will describe a therapeutically managed case of glaucoma.
  - ii. One report will describe a therapeutically managed case of ocular infection, inflammation or acute red eye.
  - iii. The cases may be submitted in any order.
  - iv. Selected cases must have been directly observed by the student at any stage/site during clinical training, and must be amenable to optometric management.
  - v. Case reports have a 2000 word limit, excluding abstract and references. 5% will be deducted for being over the word limit. An additional 5% will be deducted for every 100 words over the limit.

2. **Perimetry and referral letter assignments** will be assigned during the Ocular Pathology clinic.

### **Submission of case logs** (5%)

1. Students will be required to submit their **placement logs and complete summary questionnaires** to confirm completion of the requisite clinical experience.
  - a. These are to be submitted through Moodle within 2 weeks following completion of each placement or **5PM Friday 10<sup>th</sup> November 2017**, whichever occurs first.
  - b. The overall summary questionnaire is also due by **5PM Friday 10<sup>th</sup> November 2017**. It is recommended that a reflective journal is completed for each clinical placement.

### **Supervisor Evaluations** (15%)

1. Internal supervisors will provide assessment of student performance using a structured performance evaluation. This will be used for the provision of feedback to the students.

### **Case Presentations and Discussions** (15%)

1. Assessable case presentations and discussions will take place during the Red Eye Clinic and Ocular Pathology Clinic.

### **Oral Examination** (30%)

1. A 30 minute **oral examination** based on the written case reports, legislative issues and other issues of therapeutic management will be conducted by 2 examiners, and scheduled during the examination period of Semester 2.

### **Clinical preparedness assessment** (Hurdle)

1. Prior to commencing clinical rotations, students will be required to undertake a one hour multiple choice exam available on Moodle.
  - a. The pass mark for the hurdle requirement is 70%.
  - b. For those students who fail to achieve a pass mark of 70% a subsequent written task will be assigned with a satisfactory/unsatisfactory mark provided (satisfactory is again set at 70%).

### **Centre for Eye Health Quiz** (Hurdle)

1. This online quiz will be administered during the rotation through the Centre for Eye Health
  - a. a pass grade for the hurdle set at 65%.
  - b. For those students who fail to achieve a mark of 65% a subsequent task will be assigned.

### **UCSF Fresno Medical Education test** (Hurdle)

1. Students will be required to take the **UCSF Fresno Medical Education test**, which assesses the level at which the student utilizes evidence based medicine skills at one of two sessions (Dates to be announced in Semester 2).

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<sup>10</sup> Approaches to assessment: <http://teaching.unsw.edu.au/assessment>

The course coordinator is responsible for the calculation of provisional composite marks and a recommendation for action for each student. The Examination Committee comprising senior members of the Faculty and which is chaired by the Head of the School of Optometry and Vision Science at UNSW meet to review the provisional marks. The Examination Committee meets at the end of each session or at other times in extraordinary circumstances and grades are awarded according to the UNSW assessment policy (<https://student.unsw.edu.au/assessment>). Final composite marks are released to the student via email and myUNSW and students are notified of results and need for possible supplementary examinations (<https://student.unsw.edu.au/results> and <https://student.unsw.edu.au/academic-transcript>).

All submissions, including late submissions, are subject to the School of Optometry and Vision Science Policy on Submission of Assignments ([http://www.optometry.unsw.edu.au/files/assignment\\_sub\\_policy\\_220212.pdf](http://www.optometry.unsw.edu.au/files/assignment_sub_policy_220212.pdf)). Notably, it states "...any assignments submitted after the due date and time of submission will normally attract a penalty as follows: 10% if submitted on the due date before 5pm, but later than the due time; or 20% per day if submitted after the due date; or 40% for assignments that are due on Friday and submitted on the following Monday."

Task	% of total mark	Due date	Assessment Criteria	Feedback		
				WHO	WHEN	HOW
Completion and submission of placement, case logs and overall summary log	5%	Overall summary log: <ul style="list-style-type: none"> <li>• <b>5PM 10<sup>th</sup> November 2017</b></li> </ul> Individual Placement logs: <ul style="list-style-type: none"> <li>• Within 2 weeks of placement completion or <b>5PM November 10<sup>th</sup> 2017</b></li> </ul>	Students will be advised if they have not seen the requisite number of cases of different types	Prof Fiona Stapleton	At the time of the oral examination	Email
Clinical Preparedness Assessment	Hurdle	First date: <b>Friday 6<sup>th</sup> January, 2017</b>	70% pass mark required (see above)	Ms Kath Watt	Following exam	Via Moodle
Centre for Eye Health Quiz	Hurdle	During second week of Centre for Eye Health Rotation	65% pass mark required (see above)	Mr Michael Yapp	Following exam	Verbal
UCSF Fresno Medical Education Test	Hurdle	Dates to be announced via email	Completion of this test is a required course component (see above)	Ms Kath Watt	Following exam	Via email
Supervisor evaluations	15%	These will occur during the Red Eye and Ocular Pathology Clinics	Students are required to achieve a 50% or higher grade in the Supervisor Evaluation section to pass the course. Performance will be judged against competencies.	Ms Lily Ho and Ms Anna Delmadoros	Following and during placement activities	Verbal
Case presentations	15%	These will occur during the Red Eye and Ocular Pathology Clinics	Students are required to achieve a 50% or higher grade in the Case presentation section to pass the course. Performance will be judged against competencies.	Ms Lily Ho and Ms Anna Delmadoros	Following presentations	Verbal

<p>Written Assignments</p> <ul style="list-style-type: none"> <li>• 2 case reports</li> <li>• Perimetry assignment</li> <li>• Referral letter assignment</li> </ul>	35%	<p>Case Reports: Report 1: <b>5PM Friday, 2<sup>nd</sup> June, 2017</b> Report 2: <b>5PM Friday, 6<sup>th</sup> October, 2017</b></p>	<p>Students are required to achieve a 50% or higher grade in the written assignment component to pass the course</p> <p>Case reports will be assessed on:</p> <ol style="list-style-type: none"> <li>1. 20% Diagnosis (Signs, symptoms, pathophysiology and epidemiology)</li> <li>2. 20% Differential (Clear reasons for including and excluding all important differentials)</li> <li>3. 20% Management (Non-medical; medical with frequency, concentration, duration, instructions, pharmacology, side effects and contraindications; surgical)</li> <li>4. 20% Prognosis (Natural history, expected outcome of interventions, long term monitoring, review periods, advice to patient)</li> <li>5. 20% Literature (Statements referenced, major clinical trials and established guidelines)</li> </ol>	Prof Fiona Stapleton, A/Prof David Pye, Dr Alex Hui	Within 4 weeks following submission	Electronic feedback via Turnitin
		<p>Perimetry Assignment: Assigned Week 9 through Moodle/email and due 2 weeks later.</p>	<p>Perimetry assignment quality is assessed with respect to relevant critical competencies.</p>	Ms Anna Delmadoros	Feedback on request via email	Email
		<p>Referral letter tasks are due during at first Friday attendance at the Ocular Pathology Clinic.</p>	<p>Referral letter quality is assessed with respect to relevant critical competencies.</p>	A/Prof Anthony Chapman-Davies	During clinic	Verbal
Oral examination	30%	Semester 2 exam period, dates TBA	Students are required to achieve a grade of 50% or more in the oral examination component to pass the course.	Prof Fiona Stapleton	Following examinations meeting	Email of final examination results Final grades are posted via myUNSW

## 7. Additional Resources and Support

<p><b>Text Books</b></p>	<ul style="list-style-type: none"> <li>▪ Alward WLM. Colour atlas of gonioscopy. Wolfe 1994. Mosby Year Book Europe, London (ISBN 0723417903)</li> <li>• Australian Medicines Handbook</li> <li>• Bartlett JD. Ophthalmic drug facts 24th Edition. 2012. Lippincott Williams &amp; Wilkins (ISBN: 9781574393453)</li> <li>• Bartlett JD &amp; Jaanus SD. Clinical ocular pharmacology 5th Edition. 2007. Butterworth-Heinemann (ISBN: 9780750675765)</li> <li>• Bruce AS &amp; Loughnan MS. Anterior eye disease and therapeutics A-Z. Butterworth-Heinemann, Oxford, 2003 (ISBN: 0750652616)</li> <li>• Bruce AS, O'Day J, McKay D, Swann PG. Posterior Eye Disease and Glaucoma A-Z. Elsevier 2007. (ISBN: 9780750688829-1)</li> <li>• Forrester J, Dick A, McMenamin P, Lee W. The Eye: basic sciences in practice 2<sup>nd</sup> Edition. WB Saunders, Edinburgh 2002 (ISBN: 07020255410)</li> <li>• Galbraith A, Bullock S, Manias E. Fundamentals of pharmacology: A text for nurses and allied health professionals. 2004. Pearson Education, Frenchs Forrest, NSW (ISSN: 1741031443)</li> <li>• Harris P, Nagy S, Vardaxis N. Mosby's dictionary of medicine, nursing and health professions. 2006 Elsevier-Mosby, Marrickville, NSW (ISBN: 0729537544)</li> <li>• Kumar V, Abbas, Fausto. Robbins and Cochran Pathological Basis of Disease. 7<sup>th</sup> Edition. 2004. Saunders WS, Philadelphia (ISBN 0721601871)</li> <li>• Gerstenblith, AT, Rabinowitz, MP. ed. The Wills Eye Manual. Office and emergency room diagnosis and treatment of eye disease. 6<sup>th</sup> Edition. Lippincott, Williams &amp; Wilkins, Philadelphia, 2012 (ISBN: 9781451109382)</li> <li>• Lee G and Bishop P. Microbiology for health professionals 3<sup>rd</sup> Edition. Pearson Education Australia, Frenchs Forest, NSW, 2006 (ISBN: 616.9041)</li> <li>• MIMS Annual. 2014. UBM Medical Australia (or eMIMS) (Available online through UNSW library) (ISBN: 5555000094528)</li> <li>• Seal DV, Bron AJ, Hay J. Ocular infection – investigation and treatment in practice. Martin Dunitz Lt, London, 1998 (ISBN: 1853174378)</li> <li>• Sehu KW, Lee WR. Ophthalmic Pathology. An Illustrated Guide for Clinicians. Blackwell Publishing Ltd 2005.</li> </ul>
<p><b>Course Manual</b></p>	<p>Placement logs and additional readings/resources will be made available through Moodle as required</p>
<p><b>Required Readings</b></p>	
<p><b>Additional Readings</b></p>	<p>See also CFEH resources available on Moodle</p>
<p><b>Recommended Internet Sites</b></p>	<p> <a href="https://amhonline.amh.net.au">https://amhonline.amh.net.au</a>  <a href="http://www.optometryboard.gov.au/Policies-Codes-Guidelines.aspx">http://www.optometryboard.gov.au/Policies-Codes-Guidelines.aspx</a>  <a href="http://www.nhmrc.gov.au/guidelines/publications/cp113-cp113b">http://www.nhmrc.gov.au/guidelines/publications/cp113-cp113b</a>  <a href="http://www.aao.org/education/">http://www.aao.org/education/</a>  <a href="http://www.reviewofoptometry.com/supplement_toc/s/315/">http://www.reviewofoptometry.com/supplement_toc/s/315/</a>  <a href="http://www.pacificu.edu/optometry/ce/online_ce.cfm">http://www.pacificu.edu/optometry/ce/online_ce.cfm</a>  <a href="http://cogancollection.nei.nih.gov/">http://cogancollection.nei.nih.gov/</a>  <a href="http://www.gonioscopy.org/">http://www.gonioscopy.org/</a>  <a href="http://www.djo.harvard.edu/">http://www.djo.harvard.edu/</a>  <a href="http://webeye.ophth.uiowa.edu/eyeforum">http://webeye.ophth.uiowa.edu/eyeforum</a>  <a href="http://www.aao.org/clinical-education">http://www.aao.org/clinical-education</a>  <a href="http://www.aao.org/guidelines-browse?filter=preferredpracticepatternsquideline">http://www.aao.org/guidelines-browse?filter=preferredpracticepatternsquideline</a>  <a href="http://www.mims.com.au/">http://www.mims.com.au/</a>  <a href="https://www.aop.org.uk/ot">https://www.aop.org.uk/ot</a>  <a href="http://www.auspharmacist.net.au">http://www.auspharmacist.net.au</a>  <a href="http://www.centreforeyehealth.com.au/">http://www.centreforeyehealth.com.au/</a> </p>
<p><b>Computer Laboratories or Study Spaces</b></p>	<p>Computer laboratory space is available in the computer laboratory on the lower ground floor of the OMB. Computers are not available when classes are otherwise scheduled in the laboratory.</p>

## 8. Required Equipment, Training and Enabling Skills

<b>Equipment Required</b>	For hospital and private practice placements a fundus lens (90 or 78D), BIO, pen torch, PD rule, gonioscopy contact lens and direct ophthalmoscope are required. Equipment, kits and dress codes are as previously articulated for the optometry clinic. White coats are required for the ACO placements. All equipment should be labelled with your name.
<b>Enabling Skills Training Required to Complete this Course</b>	Skills beyond ELISE level online information literacy are expected. Go to UNSW Library/Online Training/LOIS and complete the series of tutorials. The Learning Centre can provide assistance with writing, oral delivery, grammar and expression.

## 9. 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.

<b>Mechanisms of Review</b>	<b>Last Review Date</b>	<b>Comments or Changes Resulting from Reviews</b>
<b>Major Course Review</b>	February 2011	The school underwent a major programme accreditation by the Optometry Council of Australia and New Zealand in 2011, with a recommendation that hospital placements were offered in the Stage 5 therapeutics course.
<b>CATEI</b>	October 2012	Of 42 students enrolled in 2012, 12 responded. Comments were generally positive 11 of the 12 students were satisfied with the quality of the course with an overall satisfaction rating of 4.92 compared with a Faculty average of 4.83. The best features of the course were the considered to be the ophthalmology placements and the red eye clinic. Improvements suggested were in scheduling of clinics and consideration of assessment schedule for other stage 5 courses. These changes have been implemented in 2013 and 2014.
	November 2014	Of the 49 subjects enrolled in 2014, only 6 responded. Comments were generally positive with high ratings for the course being challenging and interesting (5.0) and effective at developing thinking skills (5.2). Students would have preferred more feedback and clearer information about the assessment requirements and earlier notice of the preclinic quiz (now called the Clinical Preparedness Assessment). This feedback has been incorporated into 2015 teaching.
<b>Other</b>		

## 10. Administration Matters

<p><b>Expectations of Students</b></p>	<p>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.</p> <p>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.</p> <p>For more information or if you are having connection or access problems, see:</p> <p>IT Service Centre  <a href="http://www.it.unsw.edu.au/">www.it.unsw.edu.au/</a></p> <p>Telephone: 02 9385 1333          Email: <a href="mailto:itservicecentre@unsw.edu.au">itservicecentre@unsw.edu.au</a></p>
<p><b>Assignment Submissions</b></p>	<p>Please see assessment schedule for details of submission of assignments</p> <p>Case reports will be submitted via Moodle and feedback provided via Turnitin.</p> <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: <a href="http://www.optometry.unsw.edu.au/current/policies-and-procedures">http://www.optometry.unsw.edu.au/current/policies-and-procedures</a></p>
<p><b>Occupational Health and Safety<sup>12</sup></b></p>	<p>Information on relevant policies and expectations is provided during General Safety Induction training. A copy of the Induction booklet distributed at this training is available from the School of Optometry and Vision Science office (RMB3.003) and the School website at: <a href="http://www.optometry.unsw.edu.au/whs/work-health-and-safety">http://www.optometry.unsw.edu.au/whs/work-health-and-safety</a></p>
<p><b>Assessment Procedures</b></p> <p><b>UNSW Assessment Policy<sup>13</sup></b></p>	<p style="text-align: center;"><b>SCHOOL OF OPTOMETRY AND VISION SCIENCE, UNSW SUPPLEMENTARY EXAMINATION INFORMATION, 2017</b></p> <p>There are two circumstances whereby a supplementary examination may be granted:</p> <p><b>COMPETENCY IN DOUBT</b></p> <p>Students whose competency level is in doubt after the final examination(s) may be eligible to sit a supplementary examination in the course(s) concerned.</p> <p><b>SPECIAL CONSIDERATION</b></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. To do this you must make formal application for Special Consideration for the course/s affected as soon as practicable after the problem occurs and <b>within three working days of the assessment to which it refers</b>. The application must be made via Online Services in myUNSW. Log into myUNSW and go to My Student Profile tab &gt; My Student Services &gt; Online Services &gt; Special Consideration. Submit the application (including supporting documentation) to UNSW Student Central.</p> <p><b>Special Consideration - Pre-Existing Conditions</b></p> <p>Many conditions that are the subject of special consideration applications are pre-existing and could be used repeatedly to gain examinations at a later date. These include conditions aggravated or triggered by the stress of the assessment. With the help of your doctor and/or other health care practitioners, steps can be taken ahead of the assessment time to minimise or avoid the consequences of these conditions. When applying for special consideration on the basis of a condition that was already known to be a problem for you and which you have already used as the basis for a special consideration application, the School will require you to provide a certificate that details the preventative measures taken and why they were not successful. This will then be taken into account when considering the application.</p>

<sup>12</sup> [UNSW OHS Home page](#)

<sup>13</sup> [UNSW Assessment Policy](#)

<sup>14</sup> [Student Complaint Procedure](#)



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 02 9385 4639, email: [optometry@unsw.edu.au](mailto:optometry@unsw.edu.au)). You must also submit a Request for Special Consideration application as detailed above.

You are reminded that supplementary examinations are not granted lightly or automatically. Eligibility for supplementary examinations, for both of the above situations, is determined by the School Examination Committee, which meets soon after the formal examination period has ended. You cannot “apply” for a supplementary examination, so please do not contact the School or Course Controllers to request a supplementary examination.

**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 <http://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 2017 WILL BE HELD AS FOLLOWS:**

**FOR SESSION 1:**

- **STAGE 1-4\* COURSES: DURING THE WEEK OF 3-7 JULY 2017**
- **THERE WILL BE NO SUPPLEMENTARY EXAMINATIONS FOR STAGE 5 STUDENTS IN SEMESTER 1 2017**

**FOR SESSION 2:**

- **ALL COURSES: DURING THE WEEK OF 27 NOVEMBER-1 DECEMBER 2017**

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 for illness 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.

**School of Optometry and Vision Science, UNSW, 13 December 2016**

<b>Equity and Diversity</b>	<p>Those students who have a disability that requires some adjustment in their teaching or learning environment are encouraged to discuss their study needs with the course Convenor prior to, or at the commencement of, their course, or with the Equity Officer (Disability) in the Equity and Diversity Unit (9385 4734 or <a href="http://www.studentequity.unsw.edu.au/">http://www.studentequity.unsw.edu.au/</a> ).</p> <p>Issues to be discussed may include access to materials, signers or note-takers, the provision of services and additional exam and assessment arrangements. Early notification is essential to enable any necessary adjustments to be made.</p>
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<b>Student Complaint Procedure<sup>14</sup></b>	<b>School Contact</b>	<b>Faculty Contact</b>	<b>University Contact</b>
	<p>Prof Helen Swarbrick <a href="mailto:h.swarbrick@unsw.edu.au">h.swarbrick@unsw.edu.au</a> 9385 4373</p>	<p>Dr Chris Tisdell Associate Dean (Education) <a href="mailto:cct@unsw.edu.au">cct@unsw.edu.au</a> Tel: 9385 6792 or Dr Gavin Edwards</p>	<p>Student Conduct and Appeals Officer (SCAO) within the Office of the Pro-Vice-Chancellor (Students) and Registrar.</p>

		Associate Dean (Undergraduate Programs) <a href="mailto:g.edwards@unsw.edu.au">g.edwards@unsw.edu.au</a> Tel: 9385 4652	Telephone 02 9385 8515, email <a href="mailto:studentcomplaints@unsw.edu.au">studentcomplaints@unsw.edu.au</a>  University Counselling and Psychological Services <sup>11</sup> Tel: 9385 5418
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## 11. UNSW Academic Honesty and Plagiarism

### What is Plagiarism?

Plagiarism is the presentation of the thoughts or work of another as one's own.

\*Examples include:

- direct duplication of the thoughts or work of another, including by copying material, ideas or concepts from a book, article, report or other written document (whether published or unpublished), composition, artwork, design, drawing, circuitry, computer program or software, web site, Internet, other electronic resource, or another person's assignment without appropriate acknowledgement;
- paraphrasing another person's work with very minor changes keeping the meaning, form and/or progression of ideas of the original;
- piecing together sections of the work of others into a new whole;
- presenting an assessment item as independent work when it has been produced in whole or part in collusion with other people, for example, another student or a tutor; and
- claiming credit for a proportion a work contributed to a group assessment item that is greater than that actually contributed.†

For the purposes of this policy, submitting an assessment item that has already been submitted for academic credit elsewhere may be considered plagiarism.

Knowingly permitting your work to be copied by another student may also be considered to be plagiarism.

Note that an assessment item produced in oral, not written, form, or involving live presentation, may similarly contain plagiarised material.

The inclusion of the thoughts or work of another with attribution appropriate to the academic discipline does *not* amount to plagiarism.

The Learning Centre website is main repository for resources for staff and students on plagiarism and academic honesty. These resources can be located via:

<https://student.unsw.edu.au/plagiarism>

The Learning Centre also provides substantial educational written materials, workshops, and tutorials to aid students, for example, in:

- correct referencing practices;
- paraphrasing, summarising, essay writing, and time management;
- appropriate use of, and attribution for, a range of materials including text, images, formulae and concepts.

Individual assistance is available on request from The Learning Centre.

Students are also reminded that careful time management is an important part of study and one of the identified causes of plagiarism is poor time management. Students should allow sufficient time for research, drafting, and the proper referencing of sources in preparing all assessment items.

\* Based on that proposed to the University of Newcastle by the St James Ethics Centre. Used with kind permission from the University of Newcastle

† Adapted with kind permission from the University of Melbourne