



Course Outline

OPTM7107

Ocular Therapy 1

Optometry and Vision Science

Faculty of Science

Terms 1-2, 2019

1. Staff

Position	Name	Email	Consultation times and locations	Contact Details
Course Convenor	Dr Alex Hui	alex.hui@unsw.edu.au	Via email	Via email Phone: 02 9385 9228
Additional Teaching Staff	Prof Fiona Stapleton	f.stapleton@unsw.edu.au	Via email	Via email
	Prof Tom Millar	T.Millar@westernsydney.edu.au	Via email	Via email
	Prof Mark Willcox	m.willcox@unsw.edu.au	Via email	Via email
	Ms Jane Duffy	Jane.duffy@deakin.edu.au	Via email	Via email
	Dr Isabelle Jalbert	i.jalbert@unsw.edu.au	Via email	Via email
	Ms Lily Ho	lily.ho@unsw.edu.au	Via email	Via email
	Prof Murray Fingeret	murrayf@me.com	Via email	Via email
	Prof Michael Kalloniatis	MKalloniatis@cfeh.com.au	Via email	Via email
	Dr Colin Chan	Colin.chan@visioneyeinstitute.com.au	Via email	Via email
	Dr Andrew Collins	a.collins@auckland.ac.nz	Via email	Via email
	Dr Jack Phu	Jack.phu@unsw.edu.au	Via email	Via email
Technical & Laboratory Staff	Dr. Dale Larden	D.Larden@unsw.edu.au	Via email	Via email
Administration	Ms Fiona Anderson	f.anderson@unsw.edu.au	Via email	Via email

2. Course information

Units of credit: 6 UOC

Pre-requisite(s): Students are assumed to have a level of knowledge and skill commensurate with a 1997 (or later) graduate of the BOptom course at UNSW, or other equivalent course of study, and to have competency in the relevant clinical diagnostic techniques. International students are assumed to have the equivalent of a three-year AQF level 7 Bachelor degree in Optometry with a credit average.

Teaching times and locations: Online (<http://www.timetable.unsw.edu.au>)

2.1 Course summary

This course provides an introduction to the basic and clinical sciences related to the use of therapeutic agents in primary care optometry. The focus is on the practical clinical needs of the student. In the basic sciences, there is a review of biochemistry with emphasis on physiological processes and how they can be affected by drug actions. The principles of pharmacology and how they impact therapeutic management are presented and discussed. Microbiology, immunology, inflammation and pathology are reviewed with a strong emphasis on ocular infection and inflammation. Ocular therapeutics and their use in primary care optometry will be covered with reference to diagnosis and management of anterior eye disease, including disorders of the cornea, conjunctiva, adnexae, uvea, lacrimal system as well as glaucoma. The topic of co-management is discussed in relation to glaucoma and ocular surgery. The legislative aspects of therapeutic prescribing by optometrists in Australia and New Zealand will also be presented.

2.2 Course aims

The didactic course is intended to ensure understanding of basic biological sciences, disease processes and their treatment, with particular focus on ocular conditions and ocular manifestations of systemic diseases commonly encountered in Australian practice. The course aims to enhance optometrists' skills, knowledge and management practice in the areas of ocular disease, ocular manifestations of systemic diseases, ocular trauma, eye emergencies and to work with the best interest of their patients.

2.3 Course learning outcomes (CLO)

(Refer to Entry Level Competencies (ELC) in Kiely PM, Slater J. Optometry Australia Entry-level Competency Standards for Optometry 2014. Clin Exp Optom 2015;98:65-89)

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

1. Assess the eye and ocular adnexae and to differentially diagnose ocular disease (ELC 2.1-2.5, 3.1-3.4, 3.8, 4.1)
2. Define and discuss the pharmacological considerations of ocular drugs used in the treatment of anterior eye disease and interactions between ocular and systemic diseases and their management (ELC 4.9, 4.12)
3. Design, develop and revise pharmacological and non-pharmacological management plans for ocular diseases based on patient characteristics, signs, symptoms, investigations, epidemiology and underlying pathogenesis (ELC 1.1-1.5, 2.1-2.5, 3.1-3.4, 3.8, 4.1-4.4, 4.9, 4.11, 4.12)
4. Apply knowledge of relevant State/Territory legislation and Guidelines to lawfully prescribe therapeutic agents in the management of ocular disease (ELC 1.6, 1.7, 1.8, 1.10, 4.9)
5. Identify circumstances where referral for specialist medical treatment is required, the urgency of the referral and the most appropriate health care provider to be referred to. (ELC 1.2, 1.5, 1.7, 2.5, 4.2-4.4, 4.9, 4.11-4.13, 5.1)
6. Plan and execute appropriate shared care arrangements of patients, including recognizing the legal and ethical implications of such arrangements and interactions with other health care providers (ELC 1.2-1.6, 1.8, 4.2-4.4, 4.9, 4.11, 4.13, 5.1, 5.2)
7. Diagnose, treat and/or monitor glaucoma (ELC 1.1, 1.2, 1.6, 1.8, 2.1-2.5, 3.1-3.4, 3.8, 4.1, 4.2, 4.4, 4.9, 4.11, 4.12, 4.13, 5.1, 5.2)
8. Provide non-invasive first aid for ocular conditions (ELC 4.12)
9. Recognize the importance of ongoing skill and knowledge development necessary for continued effective and safe ocular therapeutic management (ELC 1.1, 1.2)

2.4 Relationship between course and program learning outcomes and assessments

Program Learning Outcomes (PLO) (7436 – Ocular Therapeutics <https://www.handbook.unsw.edu.au/postgraduate/programs/2018/7436.html>) can be found on the UNSW Handbook

Course Learning Outcome (CLO)	LO Statement	Program Learning Outcome (PLO)	Related Tasks & Assessment
CLO 1	Assess the eye and ocular adnexae and to differentially diagnose ocular disease (ELC 2.1-2.5, 3.1-3.4, 3.8, 4.1)	PLO 1,3,4,5	Quizzes, Participation, Final Exam
CLO 2	Define and discuss the pharmacological considerations of ocular drugs used in the treatment of anterior eye disease and interactions between ocular and systemic diseases and their management (ELC 4.9, 4.12)	PLO 1-6	Quizzes, PBS assignment, Participation, Final Exam
CLO 3	Design, develop and revise pharmacological and non-pharmacological management plans for ocular diseases based on patient characteristics, signs, symptoms, investigations, epidemiology and underlying pathogenesis (ELC 1.1-1.5, 2.1-2.5, 3.1-3.4, 3.8, 4.1-4.4, 4.9, 4.11, 4.12)	PLO 1-6	Quizzes, Participation, PBS assignment, Final Exam
CLO 4	Apply knowledge of relevant State/Territory legislation and Guidelines to lawfully prescribe therapeutic agents in the management of ocular disease (ELC 1.6, 1.7, 1.8, 1.10, 4.9)	PLO 1, 2, 3	Quizzes, Participation, PBS assignment, Final Exam
CLO 5	Identify circumstances where referral for specialist medical treatment is required, the urgency of the referral and the most appropriate health care provider to be referred to. (ELC 1.2, 1.5, 1.7, 2.5, 4.2-4.4, 4.9, 4.11-4.13, 5.1)	PLO 1, 3, 5, 6	Quizzes, Participation, Final Exam
CLO 6	Plan and execute appropriate shared care arrangements of patients, including recognizing the legal and ethical implications of such arrangements and interactions with other health care providers (ELC 1.2-1.6, 1.8, 4.2-4.4, 4.9, 4.11, 4.13, 5.1, 5.2)	PLO 1, 4, 6	Quizzes, Participation, Final Exam

CLO 7	Diagnose, treat and/or monitor glaucoma (ELC 1.1, 1.2, 1.6, 1.8, 2.1-2.5, 3.1-3.4, 3.8, 4.1, 4.2, 4.4, 4.9, 4.11, 4.12, 4.13, 5.1, 5.2)	PLO 1-6	Quizzes, Participation, PBS assignment, Final Exam
CLO 8	Provide non-invasive first aid for ocular conditions (ELC 4.12)	PLO 1, 5	Quizzes, Participation, Final Exam
CLO 9	Recognize the importance of ongoing skill and knowledge development necessary for continued effective and safe ocular therapeutic management (ELC 1.1, 1.2)	PLO 1, 6	Quizzes, Participation, PBS assignment, Final Exam

3. Strategies and approaches to learning

3.1 Learning and teaching activities

To maximize learning effectiveness, a number of strategies are used in the course to encourage critical thinking and deep learning of the topics and issues. Students are assumed to have a level of knowledge and skill commensurate with a 1997 (or later) graduate of the B.Optom course at UNSW, or other equivalent course of study and to have competency in the relevant clinical diagnostic techniques. To achieve an adequate standard of knowledge and skills, students will need to undertake self-learning and to be familiar with the basic concepts described in the course readings and resources available on UNSW Moodle. Some of the self-learning and case discussion tasks require critical review, analysis and evaluation of the relevant scientific and clinical literature and consistent reading and reflection during the course.

3.2 Expectations of students

Expectations of Students	<p>Some components of this course are compulsory, and you are expected to attend. Attendance at compulsory course components will be monitored by taking a roll.</p> <p>The compulsory course components, and the justification for their compulsory nature, are as follows:</p> <ul style="list-style-type: none">• 80% of the webinars as they serve to reinforce the module material• The final examination and clinical skills workshop to evaluate progress and understanding of the course material <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 www.it.unsw.edu.au/ Telephone: 02 9385 1333 Email: itservicecentre@unsw.edu.au</p>
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4. Course schedule and structure

All times are relative to Sydney, NSW (AEDT or AEST). All webinars start at 8PM Sydney time unless otherwise stated.

Term 1 and Term 2`

Week	Lectures (day), Topics & Lecturers	Webinar (day) Topic & Lecturers	Assignment and Submission dates (see also 'Assessment Tasks & Feedback')
Term 1 21 st Jan – 3 rd Feb 2019	Professor Mark Willcox Basic and Ocular Microbiology Pathogenesis of Microorganisms Disinfection and Prevention of Spread of Disease Dr Alex Hui Basics of Inflammation Basics of Immunology	Webinar 1: Introduction: Monday 21 st January 2019 Dr Alex Hui Webinar 2: Microbiology, Inflammation and Immunology: Monday 11 th February 2019 Prof Mark Willcox and Dr Alex Hui	Online Quiz 1: Microbiology, Inflammation, Immunology Due 1159PM 10 th February 2019
4 th Feb – 17 th Feb 2019	Professor Thomas Millar Basics of Biochemistry Respiratory Pharmacology Cardiovascular Pharmacology	Webinar 3: Biochemistry: Monday 18 th February 2019 Prof Thomas Millar and Dr Alex Hui	Quiz 2 – Answers sent directly to Prof Millar's email before 1159PM 17 th February 2019
18 th Feb – 3 rd Mar 2019	Dr Alex Hui Quality Use of Medicines Toxicology and Medicine Safety Pharmacokinetics Absorption Distribution Metabolism Excretion Pharmacodynamics Ocular Formulations Introduction to Major Drug Classes	Webinar 4: Pharmacology: Monday 4 th March 2019 Dr Alex Hui	Online Quiz 3: Pharmacology Due 1159PM 3 rd March 2019
4 th Mar – 17 th Mar 2019	Ms Jane Duffy Legislation (Australia) Dr Andrew Collins Legislation (New Zealand) Dr Jack Phu The Pharmaceutical Benefits Scheme Dr Alex Hui Prescribing for Special Populations ADR Reporting and Poisons Schedules Prescription Writing	Webinar 5: Legislation, PBS and Rx Writing, Special Populations: Monday 18 th March 2019 Ms Jane Duffy and Dr Alex Hui	Online Quiz 4: PBS and Legislation Due 1159 17 th March 2019 PBS Assignment Released: 4 th March 2019 PBS Assignment Due: 1159PM 25 th March 2019 via Moodle

Week	Lectures (day), Topics & Lecturers	Webinar (day) Topic & Lecturers	Assignment and Submission dates (see also 'Assessment Tasks & Feedback')
18 th Mar – 31 st Mar 2019	Dr Alex Hui Anti-infective Drugs Therapeutic Management of Bacterial Conjunctivitis Prof Fiona Stapleton Therapeutic Management of Corneal Ocular Infections (Contact Lens and Non-Contact Lens Related) Dr Isabelle Jalbert Therapeutic Management of Ocular Infections (Viruses)	Webinar 6: Ocular Infection Monday 1 st April 2019 Prof Fiona Stapleton and Dr Alex Hui	Online Exercise 1: Ocular Infection Due 1159 31 st March 2019
1 st Apr – 14 th Apr 2019	Dr Alex Hui Anti-inflammatory Drugs Therapeutic Management of scleritis, episcleritis, and lid inflammation Dr Isabelle Jalbert Therapeutic Management of Ocular Inflammation	Webinar 7: Ocular Inflammation Monday 15 th April 2019 Dr Isabelle Jalbert and Dr Alex Hui	Online Exercise 2: Ocular Inflammation Due 1159PM 14 th April 2019
15 th Apr – 28 th Apr 2019	Dr Alex Hui Autonomic Nervous System Drugs Autonomic Nervous System Drug Applications Therapeutic Management of Uveitis	Webinar 8: ANS and Uveitis Monday 29 th April 2019 Dr Alex Hui	Online Exercise 3: Uveitis Due 1159PM 28 th April 2019
29 th Apr – 12 th May 2019	Dr Alex Hui Anti-Allergy Drugs Therapeutic Management of orbital and lacrimal system disorders Ms Lily Ho Therapeutic Management of Ocular Allergy Therapeutic Management of Ocular Emergencies	Webinar 9: Ocular Allergy and Emergencies Monday 13 th May 2019 Ms Lily Ho and Dr Alex Hui	Online Exercise 4: Ocular Allergy and Emergencies Due 1159PM 12 th May 2019
13 th May – 19 th May 2019 (NOTE ONLY 1 WEEK)	Dr Maria Markoulli Therapeutic Management of Meibomian Gland Disease and Dry Eye Dr Colin Chan Surgical-therapeutic Co-Management Referral Process and Co-Management	Webinar 10: Dry Eye, Surgical Co-Management and Referral Monday 20 th May 2019 Dr Maria Markoulli and Dr Alex Hui	Online Exercise 5: Dry Eye and Co-Management Due 1159PM 19 th May 2019

Week	Lectures (day), Topics & Lecturers	Webinar (day) Topic & Lecturers	Assignment and Submission dates (see also 'Assessment Tasks & Feedback')
20 th May – 2 nd Jun 2019	Prof Murray Fingeret Glaucoma Foundations What is glaucoma, risk factors, IOP Gonioscopy and Optic Nerve Visual Fields	Webinar 11: Glaucoma Cases: Tuesday 11 th June 2019 Prof Murray Fingeret and Dr Alex Hui NOTE TUESDAY	Online Exercise 6: Glaucoma Foundations Due 1159PM 2 nd June 2019
3 rd Jun – 16 th Jun 2019	Prof Murray Fingeret When to start therapy Medical Therapy Surgical Therapy When to advance therapy and management	Webinar 12: Glaucoma Management Monday 24 th June 2019 Dr Jack Phu and Dr Alex Hui	Online Exercise 7: Management of Glaucoma Due 1159PM 23 rd June 2019
17 th Jun – 30 Jun 2019	Prof Murray Fingeret Secondary Glaucomas Angle Closure Glaucoma Low Tension Glaucoma Prof Michael Kalloniatis Australian Glaucoma Guidelines Optic Neuropathies	Webinar 13: Review Monday 1 st July 2019 Dr Alex Hui	
Clinical Skill Workshop and Final Exam (Mandatory Attendance)	Dr Alex Hui Foreign Body Removal Sphygmomanometry Ms Lily Ho Lacrimal Dilation and Irrigation Scleral Indentation Dr Maria Markoulli Meibomian Gland Expression Gonioscopy		Final Written Examination (Multiple Choice Questions and Short Answers) Practical Session: Saturday 13 th July and Sunday 14 th July 2019 (Mandatory Attendance) Dr Alex Hui, Ms Lily Ho, Dr Maria Markoulli, Dr Vanessa Honson Foreign Body Removal Gonioscopy Lacrimal Dilation and Irrigation Meibomian Gland Expression Sphygmomanometry Scleral Indentation

5. Assessment

5.1 Assessment tasks

Task	Length	Weight	Due Date
Pre-Webinar Quizzes and Online Exercises (11)	Varies	25%	See Schedule
PBS Assignment	N/A	5%	See Schedule
Participation	N/A	10%	N/A
Skills Demonstration	N/A	Course Hurdle	13 th and 14 th July 2019
Final Written Examination: 50% Multiple Choice, 50%, Written	3 hours	60%	13 th July 2019

A grade of 50% or greater on the final written exam is required to pass the course.

An overall course grade of 65% or greater is required to proceed to OPTM7117: Ocular Therapy 2

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 (https://www.optometry.unsw.edu.au/files/sovs_policy_for_submission_of_assign_28_2_18.pdf).

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

Further information

UNSW grading system: student.unsw.edu.au/grades

UNSW assessment policy: student.unsw.edu.au/assessment

5.2 Assessment criteria and standards

Task	Assessment Criteria
Pre-Webinar Quizzes and Online Exercises (11)	Preparation for Each Webinar, accurate responses
PBS and Prescription Writing Assignment	Demonstrate ability to correctly utilize the Pharmaceutical Benefits Scheme and write prescriptions
Participation	Participation in discussion board questions Submission of questions prior to webinars Participation in discussion during webinars
Skills Demonstration	Competency in gonioscopy, foreign body removal, blood pressure measurement, meibomian gland expression, dilation and irrigation, advanced imaging
Final Written Examination	Pass on the final exam is set at 50%. To pass the course the final examination must be passed. Students who fail the exam will be given a maximum course grade of UF

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/current/policies-and-procedures</p>
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Assessment Procedures UNSW Assessment Policy¹	<p>SCHOOL OF OPTOMETRY AND VISION SCIENCE, UNSW SUPPLEMENTARY EXAMINATION INFORMATION, 2019</p> <p>There are two circumstances whereby a supplementary examination may be granted:</p> <p>COMPETENCY IN DOUBT</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>Please check the School website for this information.</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. 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 within three working days of the assessment to which it refers. 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. Submit the application (including supporting documentation) to UNSW Student Central.</p> <p>Special Consideration - Pre-Existing Conditions</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</p>
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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.

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). 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 <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 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.

¹ [UNSW Assessment Policy](#)

5.4. Feedback on assessment

Task	Feedback		
	WHO	WHEN	HOW
Pre-Webinar Quizzes and Online Exercises (11)	Webinar Instructors	During Webinar	Online via Webinar
PBS Assignment	Alex Hui	3 weeks after submission	Moodle
Participation	Alex Hui	End of Course	Final Awarded grade via myUNSW
Skills Demonstration	Competency Assessed by Instructor	Immediate	Verbal
Final Written Examination: 50% Multiple Choice, 50%, Written	UNSW	End of Course	Final Awarded grade via myUNSW

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.

Further information about referencing styles can be located at 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.² 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 student.unsw.edu.au/plagiarism, and
- The *ELISE* training site 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: student.unsw.edu.au/conduct.

²International Center for Academic Integrity, 'The Fundamental Values of Academic Integrity', T. Fishman (ed), Clemson University, 2013.

7. Readings and resources

Required, highly recommended in **BOLD*

- Alward WLM. Colour atlas of gonioscopy 2nd edition. 2008. American Academy of Ophthalmology (ISBN: 9781560558965)
- **Australian Medicines Handbook. 2017. Australian medicines handbook Pty Ltd (ISBN: 978-0-9943262-4-9)**
- **Bagheri, N, Wajda, B, Calvo, C and Durrani, A. (Eds). The Wills Eye Manual: Office and emergency room diagnosis and treatment of eye disease. 7th Edition. Lippincott, Williams & Wilkins. Wolters Kluwer. 2016 (ISBN: 978-1496318831)***
- Bartlett JD. Ophthalmic drug facts 24th Edition. 2012. Lippincott Williams & Wilkins (ISBN: 9781574393453)
- **Bartlett JD & Jaanus SD. Clinical ocular pharmacology 5th Edition. 2007. Butterworth-Heinemann (ISBN: 9780750675765)***
- Bullock S and Manias E. Fundamentals of pharmacology 6th edition. 2010. Pearson Education Australia (ISBN: 9781442514683)
- Casser L, et al. Atlas of Primary eyecare procedures 2nd edition. 1997. McGraw-Hill Medical (ISBN: 9780838502570)
- Elliott D. Clinical procedures in primary eye care 4th edition. 2013. Saunders Ltd (ISBN 978-0702051944)
- Garner A and Klintworth G. Pathobiology of ocular disease 3rd edition. 2008. CRC Press. ISBN: 9780849398162
- Kahook M, and Schuman J. Chandler and Grant's Glaucoma.5th edition. 2013. Slack. (ISBN: 978-1556429545)
- **Kanski, Jack J., Brad. Bowling, Ken. Nischal, and Andrew. Pearson. Clinical Ophthalmology : A Systematic Approach. 8th ed. Expert Consult Title. New York: Elsevier/Saunders, 2015. ***
- Lee G and Bishop P. Microbiology and infection control for health professionals 4th edition. 2009. Pearson Education Australia (ISBN: 9781442501850)
- **MIMS Annual. 2016. UBM Medical Australia (or eMIMS) (Available online through UNSW library)**
- Quigley, H. Glaucoma: What every patient should know: A guide from Dr. Harry. 2011. CreateSpace Independent Publishing Platform. (ISBN: 9781461008231)
- Schacknow P and Samples J. The glaucoma book: A practical, evidence-based approach to patient care. 2010. Springer (ISBN: 9780387766997)
- Shaarawy T, et al. Glaucoma: Expert Consult. 2009. Saunders. (ISBN: 978-0702029769)

8. Administrative matters

Required Equipment, Training and Enabling Skills

Equipment Required	Access to a computer with a high speed internet connection is required. A microphone and webcam are optional but would be extremely helpful.
Enabling Skills Training Required to Complete this Course	<p>Completion of the ELISE tutorials through the link below will familiarise students with skills required to complete this course. This includes information on UNSW services, accessing library resources, study skills, academic writing and referencing.</p> <p>http://subjectguides.library.unsw.edu.au/elise</p> <p>ELISE Plus is targeted towards information literacy with instruction on searching for publications and self-directed learning.</p> <p>http://subjectguides.library.unsw.edu.au/eliseplus</p> <p>It is a requirement that assignments are appropriately referenced using a recognised referencing system. Students may download the bibliographic software EndNote from the UNSW library. Students may use the bibliographic software of their choosing however UNSW will only provide assistance for software they have provided.</p> <p>UNSW library staff are also available to provide any additional assistance students may require with EndNote.</p>

Work Health and Safety³	<p>Information on relevant Occupational Health and Safety policies and expectations both at UNSW and if there are any school specific requirements.</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: https://www.optometry.unsw.edu.au/whs/work-health-and-safety</p>		
Equity and Diversity	<p>Those students who have a disability or are dealing with personal circumstances that affect their study 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 http://www.studentequity.unsw.edu.au/).</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>		
Student Complaint Procedure⁴	School Contact	Faculty Contact	University Contact
	Prof. Helen Swarbrick h.swarbrick@unsw.edu.au Tel: 9385 4373	A/Prof Janelle Wheat Deputy Dean (Education)	Student Integrity Unit (SIU) Telephone 02 9385 8515, email

		j.wheat@unsw.edu.au Tel: 9385 0752 Or Dr Gavin Edwards Associate Dean (Academic Programs) g.edwards@unsw.edu.au Tel: 9385 4652	studentcomplaints@unsw.edu.au
University Counselling and Psychological Services⁵	Information on Counselling and Psychological Services [CAPS] is available at: https://www.counselling.unsw.edu.au/ Tel: 9385 5418		

³[UNSW OHS Home page](#)

⁴[Student Complaint Procedure](#)

⁵[University Counselling and Psychological Services](#)

9. Additional support for students

- The *Current Students* Gateway: student.unsw.edu.au
- Academic Skills and Support: student.unsw.edu.au/skills
- Student Wellbeing, Health and Safety: student.unsw.edu.au/wellbeing
- Disability Support Services: student.unsw.edu.au/disability
- UNSW IT Service Centre: www.it.unsw.edu.au/students