Course Outline

OPTM8511
CLINICAL PAEDIATRICS, LOW VISION AND COLOUR VISION

Optometry and Vision Science

Faculty of Medicine & Health

Term 1, 2021*

*note clinical placements for this course run throughout 2021

CRICOS Provider Code 00098G

1. Staff

Position	Name	Email	Consultation times and locations	Contact Details
Course Convenor	Dr Sharon Oberstein	s.oberstein@unsw.edu.au	By appointment	s.oberstein@unsw.edu.au 9385 4624
Clinic Director	Dr Kathleen Watt	kathleen.watt@unsw.edu.au	By appointment	kathleen.watt@unsw.edu.au 9385 4359
Strand Co-ordinator: **Paediatrics**	Rebecca Dang Amanda Lea	r.dang@unsw.edu.au amanda.lea@unsw.edu.au	Contactable during rostered clinics and tutorials or email for an appointment	r.dang@unsw.edu.au amanda.lea@unsw.edu.au 9385 4624
Strand Co-ordinator: **Low Vision, Clinical Elective Placement**	Dr Sharon Oberstein	s.oberstein@unsw.edu.au	Contactable during rostered clinics and tutorials or email for an appointment	s.oberstein@unsw.edu.au 9385 4624
Strand Co-ordinator: **Colour Vision**	Dr Vanessa Honson	v.honson@unsw.edu.au	Contactable during rostered clinics and tutorials or email for an appointment	v.honson@unsw.edu.au 9385 7530
Clinical Supervisors	Various supervising optometrists	C/O UNSW Optometry Clinic	Contactable during rostered clinics	9385 4624
Other Support Staff UNSW Optometry Clinic Optical Dispensing Instructor	Dubravka (Debbie) Huber	d.huber@unsw.edu.au	Contactable during rostered clinics or email for an appointment	d.huber@unsw.edu.au 9385 4356
UNSW Optometry Clinic Receptionists	Jasmine Larden Katariina Pakarinen Alyssa Collet	optom.clinic@unsw.edu.au		optom.clinic@unsw.edu.au 9385 4624

2. Course information

Units of credit: 6

Level of course: Master of Clinical Optometry, Stage 2

Pre-requisite(s): OPTM6422 - Clinical Optometry 4B. Recency of clinical experience is a critical pre-requisite for enrolment in this course. Prior to enrolling in the course, students who have not studied Clinical Optometry 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 (OBA) requires Optometrists to maintain their clinical skills to register as a clinical Optometrist, we require students to maintain their clinical skills to a suitable prerequisite level for enrolment.

Teaching times and locations: To be allocated. Clinical placements for this course run throughout 2021.

2.1 Course summary

Objectives: Further development of the clinical skills needed to competently examine patients in optometric practice and recommend appropriate treatment and strategies for patients presenting for eyecare.

Brief Curriculum: This course comprises supervised clinical placements in the following advanced areas of Optometry practice: paediatrics (PPC), vision training, low vision (LV) and colour vision (CV).

2.2 Course aims

To develop the core technical, communication, and clinical decision-making skills required of a clinical optometrist through paediatric, low vision and colour vision clinical consultations and design and deliver vision training performed under the supervision of clinical optometrists.

The key role of this course is to ensure that students will meet the core competency standards required for qualification as an optometrist in Australia and New Zealand. These competencies are set out by the Optometry Council of Australian and New Zealand (OCANZ), (Keily PM, Slater J Optometry Australia Entry-level Competency (ELC) Standards for Optometry 2014. Clin Exp Optom 2015; 98:65-89) and can be found at http://www.ncbi.nlm.nih.gov/pubmed/25545949. By the end of the year students will be required to meet (and hopefully exceed) the core clinical competencies necessary to qualify for registration as an optometrist

2.3 Course learning outcomes (CLO)

At the successful completion of this course you (the student) should be able to show competence in the following areas (refer to Keily PM, Slater J Optometry Australia Entry-level Competency (ELC) Standards for Optometry 2014. Clin Exp Optom 2015; 98:65-89)

1. Effectively communicate with their patients, colleagues and other health and eye care practitioners (ELC 2.1,2.3,2.4,2.5)
2. Ability to competently develop an examination plan for paediatric, low vision and colour vision (ELC 3.1, 3.3, 3.5, 3.6,3.8)
3. Ability to establish a diagnosis and formulate an appropriate action plan (ELC 4.1,4.2,4.4, 4.13, 4.14)
4. Accurately record relevant health information and maintain patient privacy (ELC 5.1, 5.2)
5. Be competent in prescribing spectacles, contact lenses, low vision devices and vision therapy (ELC 4.5, 4.6, 47 4.8 4.10, 4.11, 4.12, 4.13)
6. Develops the ability to work in a team
7. Develops skills for self-reflection and life-long learning

2.4 Relationship between course and program learning outcomes and assessments

PLO see https://www.handbook.unsw.edu.au/undergraduate/programs/2019/3182?q=3182&ct=all

Course Learning Outcome (CLO)	LO Statement	Program Learning Outcome (PLO)	Related Tasks & Assessment
CLO 1	Effectively communicate with their patients, colleagues and other health and eye care practitioners (ELC 2.1,2.3,2.4,2.5)	PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal Clinical elective placement report
CLO 2	Ability to competently develop an examination plan for paediatric, low vision and colour vision (ELC 3.1, 3.3, 3.5, 3.6,3.8)	PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal
CLO 3	Ability to establish a diagnosis and formulate an appropriate action plan (ELC 4.1,4.2,4.4, 4.13, 4.14)	PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal Clinical elective placement report
CLO 4	Accurately record relevant health information and maintain patient privacy (ELC 5.1, 5.2)	PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal Clinical elective placement report
CLO 5	Be competent in prescribing spectacles, contact lenses, low vision devices and vision therapy (ELC 4.5, 4.6, 47 4.8 4.10, 4.11, 4.12, 4.13)	PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal Clinical elective placement report
CLO 6	Develops the ability to work in a team	PLO 1 PLO 2 PLO 3 PLO 4 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal

			Clinical elective placement report
CLO 7	Develops skills for self-reflection and life-long learning	PLO 1 PLO 2 PLO 3 PLO 4 PLO 5 PLO 6 PLO 7	Clinical skills assessment Written case reports Reflective journal Clinical elective placement report

3. Strategies and approaches to learning

3.1 Learning and teaching activities

Students will experience a variety of different clinical settings in which they learn to become proficient clinicians:

- Clinical Experience – learning by doing:

  This is your opportunity to put your learning into practice. You will be performing clinical examinations which will draw on everything you have learned throughout your optometry program. Your actions and outcomes will be observed and supervised by a wide variety of experienced clinicians.

- Clinical Observation – learning by watching:

  You will observe experienced practitioners, who will provide a role model for professional patient care. This provides you with an opportunity to learn how these clinicians perform their tests, how they interact with patients, and how they manage the problems of their patients. This will be a particularly critical element of this course as you will be observing proficient optometrists who will be performing tests and consultations which utilize years of experience.

- Clinical Tutorials – learning by discussion:
- Tutorials provide an excellent means of learning from the experiences of your supervisors and fellow students. These discussions allow you to learn how other students dealt with different clinical presentations and will ensure that you are able to report your own case presentations to your peers. Clinical Learning through Clinical Placements:

  Much of the clinical learning throughout this course will take place as practical experience by examining patients while under clinical supervision. This is required to provide the experience necessary to meet the competencies to graduate as a clinical Optometrist. Learning and teaching which takes place under direct clinical supervision is not necessarily a traditional means of university learning. Supervision is by different supervisors who will have different clinical interests, and who will have different expectations of students. Students are encouraged to embrace this variety in clinical experience. Exposure to different supervisors requires students to adapt and learn from different practitioners – ultimately this will produce a better student practitioner. It is expected that the different expectations of supervisors will balance across the year.

Learning in a clinical setting requires students to receive honest and constructive feedback from their supervisors. Students will have exposure to a wide variety of experienced, skilful, and professional clinicians. These supervisors will provide verbal and/or written feedback wherever possible; however, it is also the student's responsibility to ask questions, to observe, and to learn from your supervisors. They are a resource to you, and you must communicate with them to get the best out of your clinical experience.

Assessment tasks are designed to evaluate the student's clinical skills, diagnostic skills, and the formulation of a suitable management plan for the patients they examine, benchmarking these against the competencies required by OCANZ for registration as an Optometrist. Oral case presentations and written case reports evaluate the student's ability to successfully communicate patient information to their peers and to other involved professionals and provide opportunities for self-directed enquiry. Reflective journals and patient logs provide a portfolio of the student's work, and the opportunity for the student to record and reflect on their clinical experiences and the feedback given to them by their clinical supervisors. Group work provides opportunities to develop collaborative teamwork skills.

3.2 Expectations of students

Expectations of Students	Clinic rosters and specific details of clinic locations will be available on Moodle. Major course announcements and documentation will be posted on Moodle – it is expected that students will check this site regularly. **All scheduled classes, tutorials, clinics and placements are compulsory and student attendance will be monitored and recorded.** No swapping of clinics is permitted without prior approval from the Course Convenor and/or Strand Convenor. Any requests must be copied to the Course Convener by email. Punctuality is expected. Lateness to classes, tutorials and clinics may be recorded as an absence. In cases of lateness or absence, students must follow the procedures outlined in the *UNSW Optometry Clinic Manual 2021. A* copy of the manual is available on Moodle. Any absences due to illness must be supported by a Medical Certificate, a copy of which is to be submitted to the Course Convenor. In cases of prolonged absence due to illness or misadventure, the Clinic Director will advise if it is appropriate to apply for Special Consideration. Students are expected to wear the UNSW Optometry Clinic uniform to all internal and external clinics and placements, including their own name badge, and ensure that they have the appropriate diagnostic equipment available for use 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

4. Course schedule and structure

Some of this information is available on the *Online Handbook*[1] *and the* *UNSW Timetable*[2].

All students will participate in a range of internal and external clinical placements. Students will be allocated into groups, and rosters for the clinic rotations will be available on Moodle. The *Clinic Planner* available on Moodle outlines the scheduling of these clinical rotations throughout the year.

Summary of Course Structure (for details see 'Course Schedule')			
Component	**Clinical Hours**	**Time/Day**	**Location**
Paediatrics (PPC)	25	See Moodle for roster	UNSW Optometry Clinic Stewart House
Low Vision (LV)	19	See Moodle for roster UNSW Optometry Clinic (internal clinic roster) Guide Dogs, Chatswood (external clinic roster) Vision Australia (external clinic roster)	UNSW Optometry Clinic External placements TBC
Colour Vision (CV)	10	See Moodle for roster	UNSW Optometry Clinic
Clinical Elective Placement	15 minutes	Scheduled in conjunction with placement host	External practice placement
TOTAL	54.25 hours		

In addition, recorded lectures, tutorials, activities and quizzes will supplement the above hours: Paediatrics (quiz and activities), Low Vision (1 Hour) Colour Vision (2.5 hours+ quiz)

[1] UNSW Virtual Handbook: http://www.handbook.unsw.edu.au

[2] UNSW Timetable: http://www.timetable.unsw.edu.au/

5. Assessment

5.1 Assessment tasks

Task	Assessment Description and feedback process	Weight (%)	% Weight by strand	Due date
Task 1 **Clinical Skills Assessment***	Assessment is ongoing throughout clinical rotations. Feedback will be given during and following clinical sessions by the Clinical Supervisors. A pass mark is a minimum average mark of 65% in each strand	70%	Paediatrics 28% Low Vision 28% Colour Vision 14%	Clinical rotations throughout the year
Task 2 **Written Case Reports**	Students will be required to complete case reports on patients from their clinical rotations. The written reports should demonstrate knowledge in paediatrics, low vision and colour vision and the ability to critically appraise scientific literature. See strands for case report format. Feedback will be given following the examination period. A pass mark is a minimum of 50% in each strand.	20%	Paediatrics 8% Low Vision 8% Colour Vision 4%	See strands for due dates
Task 3 **Reflection**	Students will be required to complete a reflective journal that reflects on their clinical performance, highlighting strengths and weaknesses and developing plans for further improvement	5%	Paediatrics 2% Low Vision 2% Colour Vision 1%	See strands for due dates
Task 4 **Clinical Elective Placement Report**	Students will be required to complete a placement report following the elective placement activity. Feedback will be given following the examination period	5%	Clinical Elective Placement 5%	Report due date: 2 July 2021
Course Log	Complete the Master of Clinical Optometry patient log/equivalent as used in primary care and submit a copy			Friday 28 November 2021
		100%	100%	

Further information

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

UNSW assessment policy: Assessment Policy

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

5.2 Assessment criteria and standards

Requirements to pass this course:

To pass this course, students are required to:

1. Pass each of the strands of this course. Information on these strands, the associated assessment tasks and due dates are provided below.
2. Pass the 'Clinical Skills Assessment' component (Task 1) in each paediatrics, low vision and colour vision strand. A pass mark will be a **minimum average mark of 65%** (indicated by * in the tables) in each strand.
3. Pass the "Written Case Report" assessment tasks in each strand (Task 2). A pass mark for written assessment tasks is **a minimum of 50%** in each strand.
4. Examine a comparable number of patients to their peers in each of paediatrics, low vision and colour vision clinic. Students will be required to keep a patient log of all patient seen in each strand. All patients should be recorded in the Master of Clinical Optometry patient log/equivalent in order to self-monitor this. Students are accountable to meet their patient quota
5. Late penalties will be applied for late submissions.
6. Complete all tasks.

Where the competency of a student is in doubt, the student may be given the opportunity to conduct further examinations and/or undergo other assessments of the core entry-level competencies required for entry into the Optometry profession during the Supplementary Exam Period.

Failure to demonstrate competency in the clinical skills assessment component and/or written case report will result in an "Unsatisfactory Fail" (UF) grade.

Strand 1: Paediatric Primary Care/Vision Training (PPC/VT)

Strand Co-ordinators: Ms Amanda Lea and Ms Rebecca Dang

Contact Details: amanda.lea@unsw.edu.au and r.dang@unsw.edu.au (For all *queries/questions please include both of strand co-ordinators in the email.)*

Rationale

It is estimated that 20-25% of pre-school and school-age children have vision problems. Healthy eyes and vision are a critical part of a child's development, and all children should have regular comprehensive eye examinations as the early diagnosis and treatment of a vision problem will minimise the negative impact these problems may have on the child's development and quality of life.

In this component of the course you will develop your skills in examining children by performing comprehensive eye examinations which include an assessment of ocular health, visual acuity and refractive status, ocular motor, accommodative and binocular skills, and colour vision. You will have the opportunity to examine, diagnose, and manage paediatric (including infant and pre-school children), intellectually or developmentally disabled patients, and will be exposed to a variety of clinical conditions including accommodation-convergence and ocular-motor dysfunctions, amblyopia, strabismus and vision-related learning difficulties.

Vision therapy can be an effective treatment option for some accommodative and binocular dysfunctions, as well as for some types of strabismus, and amblyopia. Many visual dysfunctions can be treated effectively by prescribing therapeutic lenses and/or prisms (passive vision therapy); some however are more effectively treated with active in-office and home-based vision therapy. During this component of the course you will be introduced to the programming and delivery of optometric vision therapy.

Prior to commencing this clinic rotation, you should revise your Paediatric lecture notes and the examination techniques covered during your Paediatric practical classes in Stage 3, as well as your binocular vision courses in Stages 3 & 4. You must also complete the pre-clinic quiz prior to your first clinic.

Learning Outcomes

On completion of this strand, each student should be able to:

i. Obtain a thorough paediatric case history, including developmental and academic considerations
ii. Formulate an optometric examination plan with appropriate consideration to the child's age, developmental status, and intellectual ability
iii. Perform a comprehensive vision and ocular health assessment, selecting tests appropriate to the child's chronological or developmental age including consideration and management of red flags
iv. Interpret the results of your testing and clinical observations in relation to the child's presenting signs and symptoms and formulate a diagnosis which is supported by clinical findings
v. Determine a management plan which may include the prescription of spectacles or other visual aids, vision therapy, and/or referral for further assessment with consideration of evidence-based practice (EBP) principles
vi. Participate in the programming and delivery of in-office and/or home-based vision therapy for a variety of dysfunctions
vii. Verbally communicate the results and recommendations to the child's parent (and child where appropriate) and discuss management options
viii. Communicate the results and recommendations in a written report if required
ix. It is further expected that each student will be able to transfer the skills learned to the Primary Care Clinics, and to manage their patient holistically.

Component Structure

Children under the age of ten years who present to the UNSW Optometry Clinic will be included as part of this clinic. During this clinic, student clinicians will examine children and adults under the direct supervision of qualified and experienced optometrists.

Other sources of patients in this clinic may be referrals from school vision screenings, Vision Education Centre (VEC), optometrists in private practice, other health-care professionals, schoolteachers, school counsellors and special educators.

This clinic also provides services for patients with special needs, as well as children and adults requiring Vision Therapy (VT) for a variety of visual conditions including eye movement control, accommodation and binocular vision dysfunctions, strabismus, amblyopia, developmental and learning-related visual dysfunctions.

Assessment

Assessment for the PPC/VT component of the course is as follows:

Task	Dates of Assessment	Knowledge and abilities assessed	% Course Mark	Feedback		
				WHO	WHEN	HOW
Preclinic quiz	Before your first internal clinic	This quiz will refresh your knowledge/theory and prepare you for seeing patients.	Hurdle	Via Moodle	Immediate	Moodle
Clinical skills assessment	Ongoing throughout clinic rotations in Pediatric Clinic	Students will receive a graded mark to assess their clinical competence. Specific assessment criteria will be available on Moodle	28%	Clinical supervisor	Immediate	Verbal
Calibration assessment	Due 11.59pm Friday12th March 2021	Assessment of exemplar case reports to grow your knowledge in paediatric eye care and academic writing	Hurdle	Via Moodle	Immediate	Moodle
Written case report 1 including reflection	Due 11.59pm Friday 28th May 2021	Ability to communicate, discuss and reflect on key aspects of your clinical experience including application of EBP to patient care. Case report and reflection will be graded by peers. See below for more detail.	3% Made up of 2.4% for case report, and 0.6% for reflection.	Peers and strand co-ordinators	Friday 16th July 2021	Moodle
Marking of peer case reports	Due 11.59pm Friday 2nd July 2021	Assessment of peer case reports to grow your knowledge in paediatric eye care and academic writing	Hurdle	Strand co-ordinators via Moodle	Friday 16th July 2021	Moodle
Written case report 2 including reflection	Due 11.59pm Friday 19 November 2021	Ability to communicate, discuss and reflect on key aspects of your clinical experience including application of EBP to patient care. Case report and reflection will be graded by staff.	7% Made up of 5.6% for case report, and 1.4% for reflection.	Strand co-ordinators via Moodle	Following marking in examination period.	Moodle
Stewart House reflection	Due 11.59pm Friday 19 November 2021	Ability to reflect on your clinical experience to grow as a clinician.	Hurdle	Strand co-ordinators via Moodle	Following marking in examination period.	Moodle

Please refer to PPC strand outline on Moodle for further assessment information.

Penalties apply for late submission per the SOVS Submissions Policy document which can be found at https://www.optometry.unsw.edu.au/sites/default/files/documents/sovs_policy_for_submission_of_assign_28_2_18.pdf

Strand 2: Low Vision (LV)

Strand Coordinator: Dr Sharon Oberstein

Rationale

The aim of the course is for students to develop an understanding of the low vision patient and their visual disability; and provide a comprehensive low vision rehabilitation service. Students will both observe multidisciplinary low vision clinic models as well as conduct their own low vision examinations under clinical supervision.

Learning Outcomes

On completion of this strand, each student should be able to:

i. Conduct a low vision case history;
ii. Record visual acuities (especially those worse than 6/60);
iii. Conduct a trial frame low vision refraction;
iv. Calculate the magnification required to achieve a goal acuity;
v. Prescribe high add spectacles, magnifiers, telescopes, non-visual aids and adaptive technology devices;
vi. Understand the State and Commonwealth benefits available to patients, and how to complete these forms;
vii. Write a low vision report or referral letter;
viii. Refer their patients as required.

It is further expected that each student will be able to transfer the skills learned to the Primary Care Clinics and will be able to advise patients, where required, to understand the use, existence, and even prescription of magnification devices, and to refer their patient as required.

Component structure

The low vision rotation consists of:

1. Internal rotation: at the UNSW Optometry Clinic (internal placement roster)
2. External rotation: TBC at Guide Dogs NSW/ACT and/or Vision Australia (refer to the external placement roster)

Assessment

Assessment for the Low Vision component of the course is as follows:

Task	Due dates	Knowledge and abilities assessed	% Course Mark	Feedback		
				WHO	WHEN	HOW
Clinical Skills Assessment*	Ongoing for all Low Vision Clinics	Students will receive a graded mark to assess their clinical competence in each low vision clinic	28%	Clinical supervisors	Immediate	Verbal
Written Case Report (1x case report AND 1x poster)	Submit by 11.59pm Friday 28 May 2021 or Friday 19 November 2021, depending on the completion of your rotation prior to these dates ^	Students will receive a graded mark on their ability to report, interpret and integrate the clinical low vision assessment with evidence-based practice. Please refer to guidelines on Moodle.	8%	Sharon Oberstein	Following collation of marks	Moodle
Reflection	Must be submitted by 11:59pm Friday 19 November 2021	Students must complete a reflection from the UNSW, Guide Dogs and Vision Australia placement. See template on Moodle.	2%	Sharon Oberstein	NA	NA

^ At least one report must be submitted by the first due date if you have completed a low vision clinic by 28 May 2021. The second report is due following completion of your second internal rotation. The due date in May is to assist with time management, to make sure not all assignments are left for the end of the year. You are encouraged to complete and submit both case reports from your first rotation to manage your workload in the year. If you have not completed any low vision clinics by the end of May, then both your assignments are due on 19 November 2021.

The specific requirements of each assessment task and relevant marking criteria will be available on Moodle

Patient Log: Submit a log of all patients examined and/or observed during all their Low Vision placements. Students are accountable to meet their low vision consultation quota (minimum quota is a low vision patient at each low vision clinic) All patients should be recorded in the Master of Clinical Optometry patient log/equivalent to self-monitor this.

Strand 3: Colour Vision (CV)

Strand Coordinator: Vanessa Honson

Rationale

Tests of colour vision are used for a variety of purposes, including screening for congenital and acquired colour vision deficiencies; for the classification of colour vision anomalies; and for assessing how suitable a patient may be to perform colour discrimination tasks in selected occupations.

The objectives for this component are to provide students with an opportunity to observe, examine, diagnose and counsel patients on colour deficiencies presented. Students may experience patients in varying stages of acceptance and will further develop their verbal communication skills.

Prior to commencing this clinic rotation, it is **essential** that you revise your colour vision lecture notes and the colour vision test types covered in your practicals. You will need to be familiar with how to conduct and score individual tests and test types, and their pass/fail criteria.

Learning outcomes

At the end of this clinical rotation you should be able to:

i. Obtain a thorough colour vision case history, considering current and proposed schooling, and vocational considerations;
ii. Perform clinical and vocational colour vision testing;
iii. Select the appropriate tests for diagnosing congenital and acquired colour vision deficiencies and for colour-specific task requirements;
iv. Interpret the diagnostic results of colour vision tests, draw conclusions and compile a report detailing these results;
v. Explain the effects and consequences of the colour deficiency;
vi. Increase your familiarity with the vocational requirements for the safe employment of persons with colour vision deficiencies across a variety of different occupations.
vii. Consider the viewpoints from the perspective of the patient, employer or consulting optometrist and any ethical issues which may arise.

Component structure

The UNSW Colour Vision Clinic provides specialised testing to diagnose the type and severity of congenital and acquired colour vision deficiencies, and to advise on vocational colour vision requirements. Patients may be referred internally from Primary Care or other specialty clinics, by external referrals including optometrists in private practice, occupational health providers, and current and prospective employers. Formal reports are usually written to referring sources.

Colour vision tests cannot be repeated. Testing protocol must be strictly obeyed and therefore this clinic requires students to demonstrate competency before examining patients. Student practitioners need to be competent to follow instructions, and any deviations from testing protocol will result in major penalties to marks/ failure in this section. Students will either work in pairs or be allocated as an active observer for each clinical session. Scheduled clinic sessions are compulsory.

Colour Vision Clinic Preparation

As part of the requirement for entry into Colour Vision Clinic, you will be required to demonstrate your prior knowledge by completing an online quiz.

Colour Vision Strand Assessment

Task	Dates of Assessment	Knowledge and abilities assessed	% Course Mark	Feedback		
				WHO	WHEN	HOW
Clinical Skills Assessment*	Ongoing throughout scheduled Colour Vision Clinics	Assessment criteria will be posted on Moodle	14%	Clinical supervisor	Immediate	Verbal
Written case report	Submit by 11:59pm Friday 28th May 2021 or Friday 19th November 2021, depending on the completion of your rotation prior to these dates	Assessment criteria will be posted on Moodle	4%	Clinical supervisor	Following marking in examination period	Grades posted on Moodle
Reflection	Submit by 11.59pm Friday 28th May 2021 or Friday 19th November 2021, depending on the completion of your rotation prior to these dates	Assessment criteria will be posted on Moodle	1%	Clinical supervisor	Following marking in examination period	Grades posted on Moodle

The specific requirements of each assessment task and relevant marking criteria will be available on Moodle.

Strand 4: Clinical Elective Placement (CEP)

Strand Coordinator: Dr Sharon Oberstein

Rationale

Rostered internal and external clinical placements in Clinical Paediatrics, Low Vision and Colour Vision and Clinical Contact Lenses provide students with an opportunity to experience a broad range of different areas of clinical practice available to an optometrist.

The Clinical Elective Placement allows the student to explore an optometric practice within Australia in an aspect of optometry in which the student has a particular interest, and the host optometrist has developed an area of clinical expertise. The aim is that the students gain additional awareness of practice prior to graduation; to better prepare students to make a well-informed decision upon graduation regarding an area of practice that they would like to pursue.

Component structure

The different areas of clinical interest which students might like to consider include:

Ocular Disease, Contact Lenses, Paediatric Vision/Binocular Vision and Vision Therapy, Aged Care, Low Vision, Sports Vision, Occupational, Colour Vision, Indigenous Care, Public Health

Pre-approval: Due date Friday 28 May 2021: You are required to nominate your preferred area of advanced clinical practice and practice location and liaise with your placement host to arrange a mutually suitable time for your telephone interview. If necessary, this can be arranged outside of UNSW teaching semesters.

After completing your activity, submit your placement report on Moodle by 11:59pm Friday 2 July 2021.

Clinical Elective Placement Strand Assessment

Task	Dates of Assessment	Knowledge and abilities assessed	% course Mark	Feedback		
				WHO	WHEN	HOW
Clinical Elective Placement Report	Submit by 11:59 pm, 2 July 2021	Assessment criteria will be available on Moodle.	5%	Sharon Oberstein	Following marking & collation of marks	Grades posted on Moodle

5.3 Submission of assessment tasks

Assignment Submissions	Assignments should be submitted via Moodle (electronic submission). This includes completed laboratory reports and logs which should be scanned/photographed and submitted via Moodle. 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
Assessment Procedures **UNSW Assessment Policy1**	SCHOOL OF OPTOMETRY AND VISION SCIENCE, UNSW SUPPLEMENTARY EXAMINATION INFORMATION, 2021 SPECIAL CONSIDERATION 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). CHRONIC ISSUES AND PRE-EXISTING CONDITIONS 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

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 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 2021 WILL BE HELD AS FOLLOWS: FOR TERM 1:

- STAGE 1-4* COURSES: WEDNESDAY, 19 MAY 2021 – FRIDAY, 21 MAY 2021
- THERE WILL BE NO SUPPLEMENTARY EXAMINATIONS FOR STAGE 5 STUDENTS IN TERM 1 2021

FOR TERM 2:

- STAGE 1-4 COURSES: WEDNESDAY, 1 SEPTEMBER 2021 - FRIDAY, 3 SEPTEMBER 2021
- THERE WILL BE NO SUPPLEMENTARY EXAMINATIONS FOR STAGE 5 STUDENTS IN TERM 2 2021

FOR TERM 3:

- STAGE 5 COURSES ONLY: DURING THE WEEK OF MONDAY, 13 DECEMBER 2021 – FRIDAY, 17 DECEMBER 2021
- STAGE 1-4* COURSES: WEDNESDAY, 15 DECEMBER 2021 - FRIDAY, 17 DECEMBER 2021

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. School of Optometry and Vision Science, UNSW, 17 November 2020

[1]UNSW Assessment Policy

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.

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

7. Readings and resources

Text Books	There are no required textbooks for this course.
Course Manual	The *UNSW Optometry Clinic Manual 2021* contains important information about the conduct of internal and external clinical placements, and student expectations. An electronic copy is available on Moodle.
Required and Additional Readings	There are no specifically required or recommended readings for this course. However, it is expected that you have revised, and are familiar with your notes and texts from earlier clinical courses. Lecturers, tutors, clinical staff and clinical

	supervisors may at times suggest further reading to compliment your learning experience, and support evidence-based practice (EBP).
Recommended Internet Sites	A variety of information about this course including course requirements, timetables, discussions, announcements and grades can be found on Moodle.
Societies	Your representatives on the UNSW Student Optometry Society (SOS) will be organising a number of social functions this year, including the annual Eye Ball. For further information about SOS events go to ttp://www.optometry.unsw.edu.au/current/optom-society. The NSW/ACT Division of Optometry Australia (OA) takes a strong interest in the functioning of the school, and particularly of the clinic. Their website is http://www.optometry.org.au/

8. Administrative matters

Required Equipment, Training and Enabling Skills

Equipment Required	The clinical equipment you have acquired throughout the degree program will be necessary for testing within the UNSW Optometry Clinic. It is unreasonable to expect your supervisor to provide this equipment, and it will slow down testing if you need to borrow this equipment from other students. The required equipment includes: BIO, funduscopy lens(es), direct ophthalmoscope and retinoscope, trial frame, fully stocked equipment kits. It is expected that when you are in the UNSW Optometry Clinic and participating in offsite and external clinical placements, you will abide by the clinic dress code (see *UNSW Optometry Clinic Manual 2021)* always, including wearing your own student name badge
Enabling Skills Training Required to Complete this Course	The theoretical background and practical enabling skills required for this course have been included in the pre-requisite courses you have completed before enrolling in Clinical Paediatrics, Low Vision and Colour Vision. Further assistance with writing, oral communications, grammar and expression can be provided by the UNSW Learning Centre (www.lc.unsw.edu.au). Any training related to Health & Safety issues will be included within the course delivery. Additional information and resources can be found at https://safety.unsw.edu.au/

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	2018 Minimal course review 2019, 2020	This course commenced in 2018 with the introduction of the Stage 2 Master of Clinical Optometry program. The sports vision group assignment was removed from this course for 2019, 2020 and 2021 to reduce the number of assignments required in this course to four types of assignments. In 2020 and 2021 the clinical elective practice placement activity was adjusted to create a COVID-19 safe distancing activity.

myExperience[2]		As the clinical placements for this course run throughout the year, the MyExperience survey at the end of 2021.Response rates have been low and thus not reliable, please complete the myExperience survey to give feedback on the course for the years that follow.

Work Health and Safety[3]	Information on relevant Occupational Health and Safety policies and expectations both at UNSW and if there are any school specific requirements. 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/about/information-and-policies/work-health-and-safety		
Equity and Diversity	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 Equitable Learning Services (formerly Disability Support Services) at +61 2 8374 9201 or https://student.unsw.edu.au/els 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.		
Student Complaint Procedure[4]	**School Contact**	**Faculty Contact**	**University Contact**
	Dr Alex Hui alex.hui@unsw.edu.au Tel: 9385 9228	Professor Gary Velan **Senior Vice Dean, Education** Tel: 9385 1278	Student Conduct and Integrity Unit Telephone 02 9385 8515, Email: studentconduct@unsw.edu.au
University Counselling and Psychological Services[5]	Information on Counselling and Psychological Services [CAPS] is available at: https://www.counselling.unsw.edu.au/ Tel: 9385 5418		

[2]myExperience process: https://teaching.unsw.edu.au/myexperience

[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
- Equitable Learning Services (formerly Disability Support Services): https://student.unsw.edu.au/els
- UNSW IT Service Centre: https://www.myit.unsw.edu.au/