



# VISN5522 Course Outline

Vision Re/habilitation

*School of Optometry and Vision Science  
Faculty of Medicine & Health*

*UNSW Sydney*

Term 3, 2021

## 1. Staff

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Position	Name	Email	Contact Details
Course Convenor and Lecturer	Dr Sharon Oberstein	s.oberstein@unsw.edu.au	Contact by email for to arrange a meeting or post generic queries on the discussion forum in Moodle  UNSW Optometry Clinic, School of Optometry and Vision Science, Ground Floor, North Wing, Rupert Myers Building
Lecturer	Associate Professor Sieu Khuu	s.khuu@unsw.edu.au	Contact by email  School of Optometry and Vision Science, UNSW Sydney
Lecturer and Tutor	Dr Bronwen Scott	bronwen.scott@unsw.edu.au	Contact by email
Lecturer and Tutor	Dr Mick Gleeson	TBA	Contact by email
Guest lecturers	Dr Revathy Mani Dr Lisa Dillon Dr Mohit Shivdasani Professor Michael Kalloniatis Dr Carol Chu	revathy.mani@unsw.edu.au lisa.dillon1@unsw.edu.au m.shivdasani@unsw.edu.au m.kalloniatis@CFEH.com.au cchu@cfeh.com.au	Contact by email  Graduate School of Biomedical Engineering, UNSW Sydney  Centre For Eye Health

## 2. Course information

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Units of credit: **6**

Pre-requisite(s): **Must be enrolled in the Graduate Diploma in Orientation and Mobility 5420 and completed VISN5512 and VISN5513**

Teaching times and locations: **Fully Online** (please refer to course Moodle site for up-to-date information). There will be a 1-hour online tutorial per week. See Moodle

### 2.1 Course summary

This course provides students undertaking the Graduate Diploma in Orientation and Mobility with a review of contemporary learning theories, vision enablers and the opportunity to apply critical analyses to emerging technology in the field of vision rehabilitation/habilitation. This course will be delivered online and its scope includes a review of contemporary learning theories, vision enablers, a

critical analysis of emerging technology and a review of optical and non-optical aids, especially those that improve orientation and mobility in people with vision loss.

## 2.2 Course aims

This course aims to develop knowledge of the contemporary learning theories, vision enablers, emerging technology and optical and non-optical aids.

## 2.3 Course learning outcomes (CLO)

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

1. Articulate and evaluate contemporary learning theories and teaching methods to design Orientation & Mobility interventions
2. Explain, analyse and apply instructional strategies to optimise client outcomes
3. Identify vision re/habilitation enablers (optical/non optical aids) and their applications
4. Critique emerging technologies for people who are blind or have low vision

## 2.4 Relationship between course and program learning outcomes and assessments

Course Learning Outcome (CLO)	LO Statement	Program Learning Outcome (PLO)	Related Tasks & Assessment
CLO 1	Articulate and evaluate contemporary learning theories and teaching methods to design Orientation & Mobility interventions	PLO1 PLO2 PLO4 PLO6	Research Essay, Final Exam
CLO 2	Explain, analyse and apply instructional strategies to optimise client outcomes	PLO1 PLO2 PLO3 PLO4 PLO5 PLO6	Research Essay, Performance, Final Exam
CLO 3	Identify vision re/habilitation enablers (optical/non optical aids) and their applications	PLO4 PLO5 PLO6	Performance, Final exam
CLO 4	Critique emerging technologies for people who are blind or have low vision	PLO4 PLO5 PLO6	Performance, Final exam

### **3. Strategies and approaches to learning**

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#### **Learning and teaching activities**

- This course will be delivered across 1 term of study and will be online. It will comprise of a series of pre-recorded lectures that will be delivered on a weekly basis through the 10-week teaching term. Lectures will be supported by online tutorials and practicals to promote greater understanding and application of content.
- Tutorials and practicals (observation) will engage students in reviewing research, case studies and activities that expands their conceptualisation of the impact of vision loss on daily activities and behaviour. Practical will allow for learning of the use of vision aids including how and when they are recommended to low vision individuals.
- Online tutorials and practicals are compulsory. Students should be prepared to make the most of this time with industry experts. The tutorials and practicals are designed to consolidate knowledge, explore how to apply knowledge in O&M practice, and foster the development of graduate attributes such as communication skills, teamwork and collaborative skills, ethics, and professional understanding.
- Assessments provide the opportunity for engagement with quality research, demonstration of knowledge, skills and reflections for professional development, and writing skills.

## 5. Course schedule and structure

Week	Teaching Block	Lecture content	Tutorial (Blackboard Collaborate) Time AEST	Assessments
Week 1	<p>Introduction to the course</p> <p><b>1. Contemporary Learning theories, teaching/ instructional strategies.</b></p>	<p><b>Introduction to course</b> <b>Introduction to Rehabilitation and Habilitation</b></p> <p><b>Contemporary Learning Theories</b> -Behavioural-learning theory -Memory and information processing</p>	No tutorial	
Week 2, 3 & 4	<b>Teaching/instructional strategies.</b>	<p><b>Early learning Childhood Theories</b> <b>Week 2</b> -Introduction to working with children -Early Childhood Learning Theory and applications: behavioural and developmental theory -Early Childhood Learning Theory and applications: socio-cultural and sociobehaviour theory</p> <p><b>Week 3</b> -Instructional Strategies 1 (early childhood) -Instructional Strategies 2 (primary and high school) -Instructional Strategies 3 (primary and high school) -Learning preferences and engagement</p> <p><b>Adult application</b> <b>Week 4</b> - Guided Learning -Teaching Methods for Adults (Lecture 1) -Discovery Learning - Teaching Methods for --- Adults (Lecture 2) -Instructional Strategies applied to Adults</p>	Weekly Tutorial 11am Monday	AT1: Research Essay Part A (10%)

Week 5	<b>2. Interventions: Optical and non-optical aids</b> includes a Low Vision Clinic Observation practical session	<b>Low Vision Clinic Optical Aids and Magnification Non optical Aids Glare reduction</b>	Assistive Technology Webinars (2 hours)	
Week 6	<b>Flexibility week</b>	<b>Multidisciplinary Low Vision Expo</b>	No Tutorial	AT1: Research Essay Part B (30%)
Week 7 and 8		<b>Advanced Low vision: Telescopes and Prisms</b> -Monocular telescopes and Field expansion -Hemianopia and Peli prisms -Using a monocular aid in O&M; program planning and implementation Bioptic Telescopes <b>Vision and Driving licensure</b> -Unconditional and conditional driving licence requirements in Australia -Delivering bad news and acceptance of loss	Weekly Tutorial 11am Monday	AT2: Performance – Video (10% Wk8)
Weeks 9	<b>3. Emerging Technology</b>	-Basic visual function revisited and retinal remodelling -Sight Restoration Emerging technology -Other Emerging technology applied to the O&M specialist	Weekly Tutorial 11am Monday	
Week 10	Integration week: <b>4. Multidisciplinary approach and professional practice</b>	-Early access to Low Vision Rehabilitation and Multidisciplinary care  -Working collaboratively with families and professionals (B Scott)	Integration Tutorial	AT2: Performance – Poster (30%)
Exam period				AT3: Final exam (20%)

## 5. Assessment

### 5.1 Assessment tasks and criteria

There are three assessment tasks in this course designed to enable you to demonstrate that you have achieved the course learning outcomes. Completion and submission of all assessment tasks by the due date are necessary to receive a final mark in the course. Late submissions without approved Special Considerations will be subject to a 10% penalty of the assessment task weighting per day. See: <https://www.optometry.unsw.edu.au/study/undergraduate-degrees/important-information-and-policies>

Task	Description	Weight	Due Date	Feedback
Assessment 1: Research Essay (2000 words)	Students will choose 1 child <b>and</b> 1 adult case study from four given case studies. This task comprises of 2 parts: Part A: Students to identify the learning theory that would be most suitable to each of your chosen cases and justify your choice (300 words, 10%, due in Week 3) Part B: Drawing on the feedback students received for Part A, students will then apply the identified learning theory to identify suitable teaching strategy(es) for each of your chosen cases and justify your choice of the teaching strategy(s) (2000 words, 30%, due in Week 6)	Part A: 10% Part B: 30%	Part A due week 3 Friday 1 October 5pm  Part B due week 6 Friday 22 October 5pm	Written feedback and grades will be provided 2 weeks after submission
Assessment 2: Performance	This assignment will assess students on their practical knowledge and use of vision rehabilitation enablers (optical/non-optical), technology and their application. <ol style="list-style-type: none"> <li>1. <b>Video</b> (10%). Students will submit a short 3-5 min video demonstrating how to teach the use of a monocular telescope: <ol style="list-style-type: none"> <li>i. for enlargement and</li> <li>ii. for field expansion</li> </ol> </li> <li>2. <b>Case Report Poster</b> (30%). Students will present a poster on a single case observed during their low vision clinic placement. Where observation of a clinic is not possible, students will be provided with a simulated client.</li> </ol>	40%	Video due week 8 Friday 5 November 5pm  Poster due week 10 Friday 19 November 5pm.	Written feedback and grades will be provided 2 weeks after submission

	Students will analyse the intervention/low vision aid/outcome deployed in the case, evaluate the design of the intervention, and discuss their learning from observing the intervention in the context of the clinic and client. Students will then be required to present their analysis, evaluation and discussion in the form of a poster. You are recommended to use multimedia to create a creative, informative and engaging poster.			
Assessment 3: Final Exam	Students will have an (open book) online exam.	20%	Exam Period TBA	Grades will be provided following the exam period

### Further information

UNSW grading system: [student.unsw.edu.au/grades](http://student.unsw.edu.au/grades)

UNSW assessment policy: [Assessment Policy](#)

UNSW assessment information: [student.unsw.edu.au/assessment](http://student.unsw.edu.au/assessment)

### 5.3 Submission of assessment tasks

<b>Assignment Submissions</b>	<p>Assignments should be submitted via Moodle (electronic submission).</p> <p><a href="https://www.optometry.unsw.edu.au/study/undergraduate-degrees/important-information-and-policies">https://www.optometry.unsw.edu.au/study/undergraduate-degrees/important-information-and-policies</a></p>
<b>Assessment Procedures</b>  <b>UNSW Assessment Policy<sup>1</sup></b>	<p><b>SCHOOL OF OPTOMETRY AND VISION SCIENCE, UNSW</b>  <b>SUPPLEMENTARY EXAMINATION INFORMATION, 2021</b></p> <p><b>SPECIAL CONSIDERATION</b>  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. <b>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.</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 and attach student's supporting documentation (such as a medical certificate).</p> <p><b>CHRONIC ISSUES AND PRE-EXISTING CONDITIONS</b></p>



If you have chronic issues and pre-existing conditions, we recommend you apply for Educational adjustments for disability support through Disability Services.

Register for Equitable Learning Support (formerly Disability Support Services) at <https://student.unsw.edu.au/els/register>

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 on the UNSW website: <https://student.unsw.edu.au/special-consideration>

## 6. Academic integrity, referencing and plagiarism

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**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](http://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.<sup>2</sup> 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](http://student.unsw.edu.au/plagiarism), and
- The *ELISE* training site [subjectguides.library.unsw.edu.au/elise](http://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](http://student.unsw.edu.au/conduct).

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

## 7. Readings and resources

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Refer to the Leganto List on Moodle, and readings or resources referred to in lectures

## 8. Administrative matters

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School of Optometry and Vision Science  
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 SYDNEY UNSW NSW 2052, AUSTRALIA  
<https://www.optometry.unsw.edu.au/>

<b>Work Health and Safety<sup>3</sup></b>	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="https://www.optometry.unsw.edu.au/about/information-and-policies/work-health-and-safety">https://www.optometry.unsw.edu.au/about/information-and-policies/work-health-and-safety</a>
<b>Equity and Diversity</b>	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

	<p>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 <a href="https://student.unsw.edu.au/els">https://student.unsw.edu.au/els</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>		
<b>Student Complaint Procedure<sup>4</sup></b>	<b>School Contact</b>	<b>Faculty Contact</b>	<b>University Contact</b>
	<p>Dr Alex Hui <a href="mailto:alex.hui@unsw.edu.au">alex.hui@unsw.edu.au</a> Tel: 9385 9228</p>	<p>Professor Gary Velan <b>Senior Vice Dean, Education</b> Tel: 9385 1278</p> <p>Or</p> <p>A/Prof Adrienne Torda <b>Associate Dean, Education &amp; Innovation</b> Tel: 9398 2200</p>	<p>Student Conduct and Integrity Unit Telephone 02 9385 8515, Email: <a href="mailto:studentconduct@unsw.edu.au">studentconduct@unsw.edu.au</a></p>
<b>University Counselling and Psychological Services<sup>5</sup></b>	<p>Information on Counselling and Psychological Services [CAPS] is available at: <a href="https://www.counselling.unsw.edu.au/">https://www.counselling.unsw.edu.au/</a> Tel: 9385 5418</p>		

<sup>2</sup>myExperience process: <https://teaching.unsw.edu.au/myexperience>

<sup>3</sup>[UNSW OHS Home page](#)

<sup>4</sup>[Student Complaint Procedure](#)

<sup>5</sup>[University Counselling and Psychological Services](#)

## 9. Additional support for students

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- The *Current Students* Gateway: [student.unsw.edu.au](http://student.unsw.edu.au)
- Academic Skills and Support: [student.unsw.edu.au/skills](http://student.unsw.edu.au/skills)
- Student Wellbeing, Health and Safety: [student.unsw.edu.au/wellbeing](http://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/>