



<b>Program Code</b>	<b>Supervisor</b>	<b>Higher Degree Research programs</b>	<b>HDR Course</b>
0001	Dr Jingjing You	Bioengineering cornea to be used for corneal transplantation	Mphil, PhD
0002	Dr Jingjing You	Development of collagen based delivery system for drug and cell delivery	Mphil, PhD
0003	Dr Jingjing You	Development of a novel tear based detection platform for disease diagnosis	Mphil, PhD
0004	Dr Chris Hodge	Developing an AI based model to guide surgery	Mphil, PhD
0005	Dr Yves Kerdraon	Development of a wearable eye-rubbing detector	Mphil, PhD
0006	Dr Yves Kerdraon	Prevalence of keratoconus in cataract patients	Mphil, PhD
0007	Prof Frank Lovicu	Growth factor-induced lens cell proliferation and differentiation regulating ocular lens development and growth.	MPhil, PhD
0008	Prof Frank Lovicu	Identifying the mechanisms regulating aberrant lens cell behaviour that lead to cataract and blindness.	MPhil, PhD
0009	A/ Prof Max Conway; A/Prof Michele Madigan	Developing novel treatments for uveal melanoma	Mphil, PhD
0010	A/Prof Max Conway; A/Prof Michele Madigan	Novel imaging studies for early diagnosis of ocular squamous surface lesions	Mphil, PhD
0011	A/Prof Michele Madigan	Melanocortins and choroidal inflammation	Mphil, PhD
0012	A/Prof Michele Madigan	Melanocyte-vascular interactions in the human choroid	Mphil, PhD
0013	A/Prof Matthew Simunovic	Optogenetics for vision restoration	Mphil, PhD
0014	A/Prof Matthew Simunovic	Predicting function from structure in medical & surgical retinal diseases	Mphil, PhD
0015	Dr Constantinos Petsoglou	Development of a culture system to transplant corneal endothelial cells	Mphil
0016	Dr Constantinos Petsoglou	Outcomes of amniotic membrane transplant in the NSW Tissue Bank	Mphil
0017	Prof Stephanie Watson/Dr Himel Kandel	Evaluation of quality of life impact of dry eye disease	PhD

0018	Prof Stephanie Watson/Dr Himal Kandel	Evaluation of quality of life impact of corneal disorders	PhD
0019	Dr Ting Zhang	Targeting human Muller cells to prevent retinal fibrosis	Mphil, PhD

## Course Details

### Masters of Philosophy (MPhil Medicine and Health)

Faculty/University School: Faculty of Medicine and Health

Study mode: Research

Location: Camperdown/Darlington/Westmead and any affiliated hospital or institution

#### [Graduate Qualities](#)

Duration full time: 1 to 2 years full time equivalent for domestic and international students

Duration part time: 2 to 4 years part time

### Doctor of Philosophy (PhD Medicine and Health)

Faculty/University School: Faculty of Medicine and Health

Study mode: Research

Location: Camperdown/Darlington/Westmead campus and any affiliated hospital or institution

#### [Graduate Qualities](#)

Duration full time: 3 to 4 years full time equivalent for Domestic and International students

Duration part time: 6 to 8 years part time