

# Graduate Programs in Surgical Education

Faculty of Medicine, Dentistry and Health Sciences

The Graduate Programs in Surgical Education are a new suite of qualifications offered by the University of Melbourne through its Department of Surgery and Medical Education Unit in partnership with the Royal Australasian College of Surgeons (RACS).

This suite of programs addresses the specialised needs of teaching and learning in a modern surgical environment. The programs' content recognises the unique challenges that characterise the clinical settings and advanced technologies that are increasingly important in surgical training.

Effective teaching skills are essential attributes for educators responsible for training the next generation of surgeons in the complex sets of skills required for safe surgical practice.

The programs allow surgeons to gain formal skills in teaching and educational scholarship. Program delivery includes core and elective subjects delivered through a combination of workshops, distance and online delivery modes. The program will expose students to a range of educational methods, which in turn increase program flexibility, allowing

these studies to be balanced with clinical commitments. The content reflects critical issues in the broader education community together with specific challenges for surgical education – the role of regulatory bodies, balancing clinical service with training, ethical imperatives for simulation-based education, safer working conditions including safe hours and more.

Students have the option of enrolling in the Graduate Certificate, Graduate Diploma or Master of Surgical Education based on their own educational needs.

<b>Graduate Certificate</b>	Successful completion of the four core subjects
<b>Graduate Diploma</b>	Successful completion of the core subjects required for the Graduate Certificate PLUS 50 points of study selected from the electives. Students intending to enrol in the Masters program must include Research Methods in Surgical Education as one of their electives
<b>Masters</b>	Successful completion of the subjects required for the Graduate Diploma, including the Compulsory Subject Research Methods in Surgical Education PLUS completion of the Minor Thesis – Surgical Education

<b>Core Subjects</b>	<ul style="list-style-type: none"> <li>• Context of Surgical Education</li> <li>• Learning and Teaching in Surgical Practice</li> <li>• Educational Theory for Surgical Training</li> <li>• Curriculum Design in Surgical Education</li> </ul>	<p>12.5 points</p> <p>12.5 points</p> <p>12.5 points</p> <p>12.5 points</p>
<b>Compulsory Subject for Minor Thesis</b>	<ul style="list-style-type: none"> <li>• Research Methods in Surgical Education</li> </ul>	12.5 points
<b>Elective Subjects</b>	<ul style="list-style-type: none"> <li>• Recruitment and Selection in Surgery</li> <li>• Teaching Professional Skills in Surgery</li> <li>• Managing Underperforming Trainees</li> <li>• Simulation in Surgical Education</li> <li>• Teaching Surgical Science</li> <li>• Educational Leadership in Surgery</li> <li>• Assessment and Evaluation in Surgery</li> </ul>	<p>12.5 points</p>
<b>Research Project</b>	<ul style="list-style-type: none"> <li>• Minor Thesis – Surgical Education</li> </ul>	50 points

NOTE: Subject will only run if minimum number of participants is met. Please contact School of Melbourne Custom Programs for further details.



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## Faculty of Medicine, Dentistry and Health Sciences

### Program Objectives

The program will provide students with a thorough grounding in theory and practice of medical and surgical education, allowing them to become leaders in developing the next generation of surgeons. During the course, students will:

- gain a theoretical background in the principles of education,
- explore the contexts in which medical education is delivered,
- develop teaching skills to support learning in clinical and other professional settings,
- develop skills allowing them to create robust educational programs,
- be introduced to a range of methodologies for educational research,
- develop an appreciation of educational scholarship and,
- learn how to apply all of the above to surgical education.

### Assessment

Each subject has specific assessment requirements, details of which can be found at [www.commercial.unimelb.edu.au/surgicaleducation](http://www.commercial.unimelb.edu.au/surgicaleducation)

Typical assessment activities include completion of (or participation in) online activities, presentations and an assignment or essay.

### Course Fee

Course fees for 2018 are \$3,090 per 12.5-point subject.

Fees are subject to an annual increase.

### Course Delivery & Time Commitment

The course will be delivered part-time, with students expected to enrol in 2 subjects each semester. However, it is possible to undertake just one subject per semester. All subjects (with the exception of the Minor Thesis) will be taught using multiple delivery modes. This will include one full day (8 hours) workshop plus self-paced learning activities (eg. webinars, moderated interactive discussions, and tutorials) spread over 13-week semesters. The self-paced learning activities will be accessed through an online learning management system. Students should expect to commit approximately 8 - 10 hours per week to each subject. This includes formal learning activities, reading and private study.

### Entry Requirements & Applications

All applications for entry will be assessed by the Selection Committee who will evaluate the applicant's ability to successfully pursue the program. The following criteria specify entry requirements:

1. A Bachelor of Medicine/Bachelor of Surgery or equivalent qualification (such as dentistry, veterinary medicine etc.) plus,
2. At least two years of relevant clinical work experience. It is important that students have an appreciation of clinical practice before they commence studies for this course.
3. Meet the English language requirements of the University of Melbourne. International Medical Graduates must also meet the English language standards required by the Medical Board of Australia (an IELTS score of 7.0 in each of the four components - listening, reading, writing and speaking).

The Selection Committee may conduct interviews and tests and may call for referee reports or employer references to assist in the selection process.

Applications from clinical proceduralists and veterinary surgeons will also be considered.

For more information on the course, please review the course website or contact the Department of Surgery:

T: 03 9496 4580

[www.commercial.unimelb.edu.au/surgicaleducation](http://www.commercial.unimelb.edu.au/surgicaleducation)

For information on University enrolment, please contact the Program Coordinator:

UoM Commercial Ltd  
School of Melbourne Custom Programs

T: + 61 3 9035 9680

E: [TL-surged@unimelb.edu.au](mailto:TL-surged@unimelb.edu.au)

#### DISCLAIMER

The information in this brochure was correct at the time of printing. The University reserves the right to make changes as appropriate. Changes may be made to such things as course content and presenters. Students will be advised of changes as soon as practicable.

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### About the Royal Australasian College of Surgeons

RACS is the leading advocate for surgical standards, professionalism and surgical education in Australia and New Zealand. The College is a not-for-profit organisation that represents more than 7000 surgeons and 1300 surgical trainees and International Medical Graduates. RACS also supports healthcare and surgical education in the Asia-Pacific region and is a substantial funder of surgical research. There are nine surgical specialties in Australasia being: Cardiothoracic surgery, General surgery, Neurosurgery, Orthopaedic surgery, Otolaryngology Head-and-Neck surgery, Paediatric surgery, Plastic and Reconstructive surgery, Urology and Vascular surgery.

[www.surgeons.org](http://www.surgeons.org)

### About the University of Melbourne

Located in the centre of Australia's most multicultural city and within the Parkville Research Precinct, the University of Melbourne is consistently Australia's top performing university in world rankings.

The University of Melbourne is the largest research university in Australia. Its academic community is at the forefront of international scholarship in fields as diverse as human rights law, medical biology, and information and communications technology.

### About School of Melbourne Custom Programs

The School of Melbourne Custom Programs, managed in a division of UoM Commercial Ltd, (UoMC) is The University of Melbourne's provider of customised, award and non award, technical and professional education services for government and corporate clients. It develops and delivers these programs in partnership with University Faculties and Graduate Schools. UoMC more generally seeks to achieve commercial outcomes for the University of Melbourne's intellectual assets and capabilities.