Engineering & IT Graduate Welcome Session
Semester 2, 2017

Professor Andrew Ooi
Associate Dean (Student Engagement)
Melbourne School of Engineering
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>11:00am-12:00pm</td>
<td>Engineering &amp; IT Graduate welcome</td>
<td>Arts West Wing-B101 (Kathleen Fitzpatrick Theatre)</td>
</tr>
<tr>
<td>12:15pm-1:15pm</td>
<td>Engineering &amp; IT Graduate welcome (repeat session)</td>
<td>Arts West Wing-B101 (Kathleen Fitzpatrick Theatre)</td>
</tr>
<tr>
<td>2:00pm-4:00pm</td>
<td>Meet your graduate course coordinator</td>
<td>Venue as listed on the Orientation website <a href="https://orientation.unimelb.edu.au/plan/6-graduate-orientation/events/melbourne-school-of-engineering-and-melbourne-school-of-information-7ee5aaa8-c16e-45e4-8f74-1ec12577681b">https://orientation.unimelb.edu.au/plan/6-graduate-orientation/events/melbourne-school-of-engineering-and-melbourne-school-of-information-7ee5aaa8-c16e-45e4-8f74-1ec12577681b</a></td>
</tr>
<tr>
<td>4:15pm-6:00pm</td>
<td>Welcome celebration</td>
<td>Old Engineering, Ground Floor</td>
</tr>
</tbody>
</table>
Master of Engineering streams

- Mechanical
- Mechatronics
- Spatial
- Structural
- Software
- Biomedical
- Biochemical
- Chemical
- Civil
- Electrical
- Environmental
With business

Biomedical
Chemical
Civil
Electrical
Mechanical
Software

Andy Sum
Master of Engineering (Software)
Co-founder of Hipster Whale

Engineering & IT
MC-ENG overview

300 points, 50 points per semester
22-24 subjects in total
Handbook contains entry and completion requirements
Other coursework masters

- Energy Systems
- Information Technology
- Information Systems
- Engineering Management
- Environmental Engineering
- Telecommunications Engineering
Course requirements

- 12.5 points per subject
- Full time study: 50 points per semester, 100 points per year
- Course Coordinator sessions: 2:00-4:00pm
# Meet your course coordinators

<table>
<thead>
<tr>
<th>Start Time</th>
<th>End Time</th>
<th>Event Title</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Biochemical)</td>
<td>Theatre A1, Old Engineering Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Chemical), Master of Engineering (Chemical with Business)</td>
<td>Theatre A1, Old Engineering Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Civil), Master of Engineering (Civil with Business)</td>
<td>Herbert Wilson Theater, Doug McDonnell Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Electrical), Master of Engineering (Electrical with Business)</td>
<td>Greenwood Theatre, Electrical Engineering Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Environmental)</td>
<td>Room 407 (C1 Theatre), Engineering Block C</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Mechanical), Master of Engineering (Mechanical with Business)</td>
<td>Steve Howard Theatre (Room 503), Doug McDonnell Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Mechatronics)</td>
<td>Steve Howard Theatre (Room 503), Doug McDonnell Building</td>
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<tr>
<td>Time</td>
<td>Time</td>
<td>Programme</td>
<td>Location</td>
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<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Software), Master of Engineering (Software with Business)</td>
<td>Theatre 1 (G04), Old Geology Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Spatial)</td>
<td>C2 Theatre, Engineering Block C</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering (Structural)</td>
<td>Herbert Wilson Theater, Doug McDonnell Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>3:00pm</td>
<td>Master of Engineering Structures</td>
<td>Herbert Wilson Theater, Doug McDonnell Building</td>
</tr>
<tr>
<td>2:00pm</td>
<td>4:00pm</td>
<td>Master of Information Systems</td>
<td>Charles Pearson Theatre, ERC</td>
</tr>
<tr>
<td>3:00pm</td>
<td>4:00pm</td>
<td>Master of Engineering (Biomedical), Master of Engineering (Biomedical with Business)</td>
<td>Seminar Room 1 (Room 103), Old Metallurgy (Building 166)</td>
</tr>
<tr>
<td>3:00pm</td>
<td>4:00pm</td>
<td>Master of Engineering Management</td>
<td>Denis Driscoll Theatre (Room 309), Doug McDonnell Building</td>
</tr>
<tr>
<td>3:00pm</td>
<td>4:00pm</td>
<td>Master of Environmental Engineering</td>
<td>G20 Theatre, Chemical &amp; Biomolecular Engineering Building 1 (165)</td>
</tr>
<tr>
<td>3:00pm</td>
<td>4:00pm</td>
<td>Master of Information Technology</td>
<td>Carrillo Gantner Theatre (B02), Sidney Myer Asia Centre</td>
</tr>
<tr>
<td>3:00pm</td>
<td>4:00pm</td>
<td>Master of Telecommunications Engineering</td>
<td>Richard Newton Room, Level 5, Electrical Engineering Building</td>
</tr>
</tbody>
</table>
Engineering practice hurdle (EPH)

- What is it?
Engineering practice hurdle (EPH)

- What is it?
- What do you need to do?

The Engineering Practice Hurdle

- Presentation
- Verbal
- Written
- Portfolio
- Improvement Plan
- Major Report
- Preparing Report
- Practice Recording
- EPortfolio
Engineering practice hurdle (EPH)

- What is it?
- What do you need to do?
- Who needs to do it?

Master of Engineering (MC-ENG) ✓
Master of Information Technology ✗
Master of Information Systems ✗
Specialised Master Degrees ✗
Engineering practice hurdle (EPH)

- What is it?
- What do you need to do?
- Who needs to do it?
- When do you need to do it?

*Master of Engineering (MC-ENG)*

*Any 1 or 2 semester(s) - earlier is better*
Engineering practice hurdle (EPH)

- Wait for further instructions!
  - You’ll receive an email - next week (Week 1).
Enrolment Assistance

Need to fix an enrolment issue, you can book in to an Enrolment Assistance Lab and avoid the queues in Stop 1.

We can help if you:
• can't see subjects on your study plan
• can't enrol in your planned subjects
• have approval for a prerequisite waiver
• have approval to add a subject outside of your study plan

Before you book:
• Visit course planning and enrolment troubleshooting pages
follow the steps on Get Started as a new student
when booking, please select the booking type of Course Planning > Enrolment Assistance Labs. You will then be prompted to select your course.
Orientation is your kick-start to University life

Discover and access a range of activities, events and information online and on campus

Check out our Orientation tips and resources online.

Find out what activities and events you want to attend.

Get ready, get involved and get connected.

Visit Orientation: Make the Most of Melbourne
orientation.unimelb.edu.au
STOP Offers a range of services to help you succeed

SUPPORT SERVICES
- International students
- Students with a disability
- Indigenous students
- Elite athletes

SKILLS AND DEVELOPMENT SERVICES
- Careers support
- Academic skills
- Student Connect
- Study abroad and exchange

ADMINISTRATIVE AND INFORMATION SERVICES
- Fees
- Transcripts and academic statements
- Scholarships and graduations

ENROLMENT SERVICES
- Course planning
- Enrolment assistance
- Special consideration
- Student equity

HEALTH AND WELLBEING
- Housing
- Financial aid
- Personal safety
- Counselling

Ask online or check our FAQs ask.unimelb.edu.au
Call us 13 MELB (13 6352)
PARKVILLE 757 Swanston Street
SOUTHBANK 234 St Kilda Road (VCA and MCM students only)
Your student services online, on the phone and in person

Find all of your Uni info online
students.unimelb
Comprehensive website for current students at Melbourne

Check our FAQs or ask online
ask.unimelb
University's knowledge database
Join a chat

Call us Monday to Friday
13 MELB (13 6352)
Outside Australia: +61 3 9035 5511

Visit us Monday to Friday

Stop 1 at PARKVILLE
All students
757 Swanston Street
(Main entrance off Grattan Street)

Stop 1 at SOUTHBANK
VCA and MCM students only
234 St Kilda Road, Southbank
(Elisabeth Murdoch Building)

Health and Wellbeing services
All students
138 Cardigan Street, Carlton

Current opening hours: students.unimelb.edu.au/stop1
Parkville (all students)

Southbank (VCA & MCM students only)
Helpful online pages:
students.unimelb.edu.au/balance
services.unimelb.edu.au/finder
If you need ongoing assistance due to long-term circumstances, you can register with Student Equity and Disability Support.

We offer a range of support services:
- Alternative formats for written materials
- Support workers, such as note-takers
- Specialist equipment
- Assistive technology
- Accessible teaching spaces

Visit services.unimelb.edu.au/disability/students
FOLLOW US FOR THE LATEST UPDATES:

@uomstop1

FIND US ON FACEBOOK:

uomstop1

firstyearatunimelb
Student cards

Take a photo and upload it to Capture Me.

Collection Points:
• Eastern Resource Centre (foyer space)
• Monday- 9am-5pm
• Tuesday & Wednesday 9am-6pm
• Thursday & Friday 10am- 5pm

http://go.unimelb.edu.au/8ktn
Examinations

- Remain in Melbourne for the entire study period
- Final results release date: Friday 1 December 2017
Academic misconduct

- Plagiarism
- Collusion
- Working in groups

Getting Started in Engineering & IT
Tuesday 18 July 2017 - 3pm Carrillo Gantner Theatre, Sidney Myer Asia Centre

Understanding Referencing & Avoiding Plagiarism
Wednesday 19 July - 1pm Lyle Theatre, Redmond Barry Building

Graduate Study at Melbourne University: Strategies for Success
Thursday 20 July 11am, Herbert Wilson Theatre, Doug McDonnell
Academic skills

• Individual appointments
• Workshops
• New Online Learning Platform
  Academic Skills Hub

Engineering & IT

Jessica O’Brien
Master of Information Systems
Library research skills

- Self-paced
- Basic and advanced materials
- Relate skills to your research area
- Access via LMS

Engineering & IT

www.lms.unimelb.edu.au/login/
Postgraduate lounge

Ground floor of the Mechanical Engineering Building Block D and Old Metallurgy Building
IT Information

- Using Wireless
- Printing or photocopying: www.studentit.unimelb.edu.au
- Computer lab availability: apps.eng.unimelb.edu.au/labs
- After access via Student Card
Student clubs and societies

- Melbourne University Engineering Students’ Club
- Graduate Student Association (GSA)
- Engineers Without Borders (EWB)
- Engineering Music Society (EMS)
- Discipline Based Student Clubs
- WELCOME CELEBRATION 4:15pm-6:00pm

Scholarships and prizes

Applications open
Monday 31 July –
Wednesday 23 August


James Higgie
The John Balfour Memorial Scholarship
Safety on Campus


Safety Concerns

Emergency / Serious Concern:  8344 6666

Security Escort to nearby car, college, taxi, public transport possible if needed

Medical Emergency

1. Ensure no further threats/dangers nearby
2. Call Ambulance
3. Alert Security
4. Seek nearby first aid responders
Study Abroad and Exchange Opportunities

Beth Hunter
Global Mobility Coordinator
Melbourne School of Engineering
What are my options?

Short term program (4 – 10 weeks)
1 semester program
Year long program

Coursework or Research options available

Scholarships available:
- Melbourne Global Scholars Award
- MSE Exchange Scholarship
EXCHANGE
• Applications due for Semester 2 2018 close on Sunday, 22 October 2017

STUDY ABROAD
• Application due in late August for this coming summer (November – February)
  – Check Melbourne Global Mobility website for details
• Information sessions will be held during August - details will be listed in the newsletter.
Engineer Your Career

Jane Black
Industry Placement Coordinator
Melbourne School of Engineering
Your career starts now

Setting Direction
- Understand yourself
- Investigate career ideas and explore pathways from degree

Building Employability
- Develop your skills by getting involved on campus and in the community

Preparing for study or work
- Consider employment or graduate study
- Be job ready – resumes, cover letter, LinkedIn, Interviews
How will you stand out?
What employers look for

Effective communication
Teamwork
Interpersonal skills
Problem solving skills
Motivational fit
Achieves results
Analytical skills
Time management
Leadership
Digital literacy
Critical thinking
Creativity
Engineering and IT Internship Subject

Benefits:
• 25 credit elective internship program
• Gain professional experience and networks in the industry
• Develop professional skills and employability
• MSE work with contacts in industry to source placements or find your own

Duration:
• 10-15 weeks of placement, 350 hrs

Entry:
• Prerequisites, 70% minimum grade average
Your top 5 job ready strategies

- Networking
- Internships
- Volunteer
- Part Time Job
- Project
Career pathway brochures

- Plan a career
- Research employers, industries, salaries and market demand
- Graduate profiles
- Professional associations

Engineering & IT

www.eng.unimelb.edu.au/study/careers
Careers outside of Engineering

- Management Consulting
- Business Analysis
- Technical writing
- Banking & Finance
- Patent Law
- Teaching
- and many more!

Problem solving, analytical skills, project management skills are highly valued
Careers help

Useful websites:
careers.unimelb.edu.au/student
careeronline.unimelb.edu.au

- Workshops
- Careers Fairs
- Employers on Campus
- Jobs – all kinds
- Online tools
What’s on

• Make Experience Matter
• Employers Talk Presentations
• Resume and LinkedIn Marathon
• Details through Careers Online
• Starts Week One

careersonline.unimelb.edu.au
Step-by-step: what’s next?

- Attend your Course Coordinators session (TODAY) between 2.00pm and 4.00pm (venues as per online listing)
- Come to the Welcome Celebration at 4.15pm-6:00pm (TODAY)
- Enrol in subjects
- Create your timetable
- You’re ready to study!
- MAKE THE MOST OF ORIENTATION!!

https://orientation.unimelb.edu.au/
Social media

Follow us:

@EngineeringandITStudentServices for the latest engineering and IT news, events and student opportunities.

@engunimelb

All current students will receive the MSExpress via their unimelb email address. This is a fortnightly MSE newsletter listing upcoming opportunities and events.