Mount Scopus Memorial College

Career News 7 2016

Important Notice

Dates to Diarise in Term 3

- UMAT 2016 – Wednesday 27 July
- University / TAFE Open Days 2016 – throughout August
- Year 12 VTAC Applications – throughout August and September

The University of Melbourne (UoM) – Quick Facts

- Established in 1853, the University of Melbourne makes distinctive contributions to society in research, learning and teaching and engagement
- UoM is consistently ranked among the leading universities in the world, with international rankings of world universities placing it as number 1 in Australia and number 33 in the world (Times Higher Education World University Rankings 2015-2016).
- There are seven campuses across Melbourne and rural Victoria, but the UoM’s main campus is the Parkville campus, and it is situated only a few minutes from the very centre of Melbourne - Campuses and Facilities
- UoM offers 12 undergraduate degrees and 270 graduate courses - Courses at UoM
- The University has over 200 clubs and societies, which play an integral part of many students’ university experience - UoM Clubs
- The University encourages students to make practical learning a part of their Melbourne experience, and these include internships and cadetships, leadership opportunities, and volunteering
- Overseas study programs are offered to students, and they are encouraged to study part of their degree in an international setting - Melbourne Mobility
- The University of Melbourne offers numerous and generous undergraduate scholarships to high-achieving students, as well as numerous equity scholarships too - Scholarships
- UoM also has the Access Melbourne program aimed at students who have found high school a challenge, and their circumstances have prevented them from achieving their best - Access Melbourne
- Students have access to a wide range of Student Services, which include - Student Services including an Careers Centre - Careers Centre
- UoM offers a Guaranteed Entry to Graduate Degrees - Guaranteed Entry to Graduate Degrees
- UoM has 11 residential colleges for its undergraduate students - Residential Colleges
Focus on the Bachelor of Biomedicine
Students often ask why they should consider studying a course in the Faculty of Medicine, Dentistry & Health Sciences at Melbourne. Besides attending at the Parkville Campus which is central to Melbourne, the Faculty of Medicine, Dentistry & Health Sciences enjoys close collaborative teaching links with many of Melbourne’s hospitals and clinical schools.

The Bachelor of Biomedicine offers 13 majors across a broad range of biomedical disciplines, and is a pathway to a range of postgraduate programs including study opportunities in Medicine, Dental Surgery, Optometry, Physiotherapy, Social Work, Nursing Science, Clinical Audiology, Speech Pathology, Biostatistics, Public Health and Psychology. Find out more at Bachelor of Biomedicine at Melbourne

Experience a Day at Melbourne
The University of Melbourne is hosting a special event designed for Year 10 to 12 – local and international – students and their families, allowing attendees the opportunity to come and explore the Parkville campus and find out more about the range of study options available at the university.

It is a great opportunity to gather information and talk to University staff about all aspects of studying and life at Melbourne. A tour of the Southbank campus will also be included in the program for those who wish to visit the Victorian College of the Arts.

Find out more about:
- Undergraduate degrees and graduate pathways at Melbourne
- Unique opportunities to enrich your degree such as concurrent diplomas and going on exchange and study abroad
- Admissions and entry requirements
- Access Melbourne and Melbourne Scholarships
- Accommodation options
- How parents can help with the transition to university.

Date: Friday 8 July 2016
Location: Parkville Campus, the University of Melbourne
Registration: Registration is essential. Please register at A Day at Melbourne

For more information, email Rod Nelson rodneyn@unimelb.edu.au

One-on-One Interviews
Year 12 students are invited to book for a one-on-one consultation at ANU House, in Melbourne during these upcoming holidays. During the appointment students have the opportunity to discuss their study options, including finding out information on our flexible programs, accommodation options, and general life in Canberra and at the ANU.

Students are invited to book in for a 30 minute consultation on any of the following days: Monday 4 July, Tuesday 5 July or Wednesday 6 July at ANU House, 52 Collins Street, Melbourne.

Please register for an appointment at ANU One-on-One Consultation.
Experience Days
Discover what the future might hold and register for an Experience Day at RMIT. Experience Days are a great way to learn more about your study interests, explore RMIT campuses and to get a taste of what it’s like to be a student at RMIT.

Students get to engage in practical workshops with teachers and current students, find out what to expect in their interest area and, of course, be able to ask plenty of questions all throughout the day.

The series of free events are run during the Victorian School Holidays between Term 2 and 3. Visit Experience Days to find out more, and to register. Places are limited.

Student Learning Advisor Mentors at RMIT
Student Learning Advisor Mentors support new and commencing students with their academic studies in RMIT’s College of Business. The mentors are volunteer students who have received a 75 and above in one of the relevant courses and can offer two hours per week during the semester from weeks 2 to 11.

Student Learning Advisor Mentors can:
- answer your specific questions when you are struggling to understand any aspects of the coursework or your assignments
- share strategies with you on how to tackle each particular course

Student Learning Advisor Mentors cannot:
- write your assessment tasks for you
- hand out their phone numbers or email addresses
- provide a copy of their own course notes or previous assignments

VCE students considering studying a business course at RMIT in the future are encouraged to browse the following link to find out more about this interesting program - SLAMs at RMIT

Urban Futures Competition
The world needs you to be a leader in creating vibrant, liveable and resilient cities for the future. With Melbourne’s population moving beyond four million, significant challenges and opportunities for planning, designing and managing our city arise. How will you help urban environments adapt to meet the future needs of our population?

RMIT is running a competition for to Year 10, 11 and 12 Victorian students and the task is as follows: Provide a photo or image to communicate an identified urban problem and explain your ideas for a solution in 200-300 words.

The competition is open, and closes on midnight on Sunday 28 August 2016. The best entries will be shortlisted, with winners announced at the Urban Futures Awards ceremony at the RMIT University City Campus on Wednesday 14 September 2016.

Find out more at Urban Futures Competition Email a submission

Defence Jobs: Job Finder
The Defence Jobs: Job Finder website is a very useful tool to assist students who are interested in entering the defence force find a possible role or career that is suited to them.

Students are encouraged to browse Defence Jobs: Job Finder
Graphic & Visual Design Degrees offered by Victorian Universities

<table>
<thead>
<tr>
<th>University</th>
<th>VCE Prerequisite Subjects</th>
<th>Selection &amp; 2016 ATAR</th>
</tr>
</thead>
</table>
| ACU                           | **Visual Arts and Design** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Art, Studio Arts or Visual Communication Design) | 58.50 (M)  
Selection: ATAR                                                                 |
| Deakin University             | **Visual Arts** (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)                                                                                                    | n/a (GW), 60.00 (M)  
Selection: Pre-selection kit, and ATAR                                               |
|                               | **Visual Communication & Design** (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL)                                                                               | 60.00 (GW), 60.00 (M)  
Selection: Pre-selection kit, and ATAR                                               |
| Federation University         | **Visual Arts** (Units 3 and 4: a study score of at least 20 in any English)                                                                                                                                                 | Range of Criteria (CS) and GP  
Selection: Supplementary Form, Folio, Interview, and ATAR                             |
| La Trobe University           | **Creative Arts** (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)                                                                                              | 85.00 (M)  
Selection: ATAR                                                                   |
|                               | **Creative Arts** (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)                                                                                              | Range of Criteria (B)  
Selection: Folio, Interview, and ATAR                                               |
| Monash University             | **Fine Arts** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)                                                                                               | n/a (C)  
Selection: Supplementary Form, Folio, Interview, and ATAR                             |
|                               | **Communication Design** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)                                                                                 | n/a (C)  
Selection: Supplementary Form, Folio and Interview, and ATAR                          |
| RMIT University               | **Communication Design** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL)                                                                                  | Range of Criteria (M)  
Selection: Information kit, Folio Presentation, and ATAR                             |
|                               | **Graphic Design Associate Degree** (Units 3 and 4: a study score of at least 25 in English (EAL) or at least 20 in English other than EAL.)                                                                         | Range of Criteria (M)  
Selection: Folio and Interview                                                            |
| Swinburne University          | **Communication Design or Communication Design (Honours)** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in one of Art, Product Design And Technology, Media, Interactive Digital Media C, Studio Arts or Visual Communication Design.) | 65+ (H)  
90.00+ (H)  
Selection: ATAR                                                                |
| University of Melbourne       | **Design – new in 2017** (Units 3 & 4: A study score of at least 25 in English/English Language/Literature or at least 30 in EAL.) If a study score of 25 in Math Methods is required, any Civil Systems, Computing, Construction, Digital Media, Mechanical Systems, Property and Spatial Systems subjects will be studied alongside of Visual and Performance Design.* | 85+ (P)  
Selection: ATAR                                                                |
|                               | **Fine Arts at the VCA** (Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL.)                                                                              | Range of Criteria (VCA)  
Selection: Supplementary Form, Folio and Interview                                       |

Listed above are a number of bachelor degrees in **graphic and/or visual design** offered at most universities in Victoria. For a list of all courses, including various double degrees, and **interior design courses**, visit VTAC.
Medical Imaging Courses

Medical imaging technologists operate X-ray and other imaging equipment, such as MRI and Ultrasound, to produce radiographic images which are used in the diagnosis and subsequent management of disease or injury. Below are links to the specialised medical imaging areas as detailed in the Good Universities Guide:

- Nuclear Medicine Technologist
- Medical Imaging Technology
- So, you want to be a Sonographer?

In Victoria students can study specific medical imaging courses (also known as medical radiography or medical radiations) at the following universities:

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course</th>
<th>VCE Prerequisites</th>
<th>2016 Entry Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>CQU M - Melbourne Campus</td>
<td>Medical Sonography</td>
<td>Units 3 and 4: a study score of at least 25 in any English.</td>
<td>83.25 (M)</td>
</tr>
<tr>
<td>Deakin University G - Geelong Waurn Ponds Campus</td>
<td>Medical Imaging</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in one of Biology, Chemistry or Physics; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>77.45 (G)</td>
</tr>
<tr>
<td>Monash University C – Clayton Campus Ca – Caulfield Campus for first 3 semesters, and then Clayton for remainder of course</td>
<td>Radiography and Medical Imaging</td>
<td>Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 25 in one of Biology or Physics; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>Selection based on the ATAR and interview (some students) (C)</td>
</tr>
<tr>
<td>Monash University</td>
<td>Radiation Sciences</td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in any Mathematics.</td>
<td>82.45 (Ca)</td>
</tr>
<tr>
<td>RMIT University B – Bundoora Campus</td>
<td>Medical Radiations (Radiography)</td>
<td>Units 1 and 2: satisfactory completion in one of Biology or Chemistry; and Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>Selection based on the ATAR and supplementary form (B)</td>
</tr>
<tr>
<td>RMIT University B – Bundoora Campus</td>
<td>Medical Radiations (Nuclear Medicine)</td>
<td>Units 1 and 2: satisfactory completion in one of Biology or Chemistry; and Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>Selection based on the ATAR and supplementary form (B)</td>
</tr>
<tr>
<td>RMIT University B – Bundoora Campus</td>
<td>Medical Radiations (Radiation Therapy)</td>
<td>Units 1 and 2: satisfactory completion in one of Biology or Chemistry; and Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>Selection based on the ATAR and supplementary form (B)</td>
</tr>
</tbody>
</table>

For a comprehensive list of all courses that may have medical imaging units visit [VTAC](https://www.vtac.vic.edu.au)
The Swinburne Advantage

Swinburne believe an undergraduate education must be about more than knowledge. In today's competitive job market, it must be about true job readiness. For over 50 years, Swinburne has been partnering with leading Australian and global organisations to offer students authentic workplace experiences. Students work on real industry projects, solve day-to-day challenges in their field and gain the professional skills that put knowledge into practice. They will build invaluable skills and confidence in knowing they have what it takes to land a job in their field by graduation; or even before, with the possibility of continuing employment while completing your degree part-time. It’s what Swinburne call the Swinburne Advantage.

Find out more by browsing The Swinburne Advantage which includes information about:
Professional Degrees - Professional Degrees
Professional Placements - Professional Placements
Professional Internships - Professional Internships
Industry-Linked Projects - Industry-Linked Projects

Professional Degrees

From this year, Swinburne commenced offering a unique opportunity for high-achieving students to enrol in a degree that incorporates a guaranteed, paid, full-time work placement. Swinburne's professional degrees feature a mandatory 12-month work placement which is normally undertaken during a students’ third year of study. Students get paid for the placement, receive academic credit and gain invaluable skills that ensure they are job-ready upon graduation. Students can complete the degree, including the 12-month placement, in as little as 3.5 years. Browse the following link to learn more - Swinburne’s Professional Degrees

New Common First Year for Engineering Students

Students studying Engineering at Swinburne in 2017 will begin their studies with a common first year. The Bachelor of Engineering (Honours) is designed to teach students the fundamentals of engineering before they choose their major, ensuring they can make informed choices about their career in the industry. Students who enrol in the Bachelor of Engineering (Honours) (Professional) will also complete a guaranteed 12-month paid professional work placement. In 2017, a major in Biomedical Engineering will again be offered. To find out about all the Engineering majors on offer visit Engineering

Visual Merchandising at Kangan Institute

If you are a visually creative individual who loves all things fashion and retail, then our Diploma of Visual Merchandising qualification can lead to your perfect creative career as a Visual Merchandiser. Visual merchandising has become a vital feature in the promotional mix when it comes to creating a striking visual retail presence.

Students who enrol in the nationally accredited Diploma of Visual Merchandising course will gain relevant skills in:
• designing, planning and implementation of visual merchandising concepts
• explore colour theory, graphics, drawing and multimedia
• design and construct safe and effective props and displays
• digital art and design
• graphic arts
• retail merchandising
• visual merchandising

Find out more by visiting Diploma of Visual Merchandising at Kangan Institute
Update from the Faculty of Business and Law
Preparation to find a job will soon be an integral part of the course for Commerce students at Deakin, with a compulsory unit in career planning being piloted. The compulsory Personal Insight unit will provide career development experiences for students, and has a clear focus on students co-creating their professional identity. The unit is the Bachelor of Commerce’s key vehicle for creating awareness and engagement in University initiatives, which include planning for choice of majors and alignment to career aspirations, the Career Portal, Work Integrated Learning and international mobility initiatives. Students explore intrapersonal and interpersonal aspects of themselves with the goal of creating a personal portfolio of career resources, to assist them to gain Work Integrated Learning placement(s) and be better prepared to find a graduate role. Find out more by browsing Commerce at Deakin.

Update from the Faculty of Arts and Education
Entertainment production students gain industry experience promoting new Australian film. First year entertainment production students at Deakin are helping to promote a new Australian film. Students meet with director Paul Ireland and writer Damian Hill in a masterclass at the university and are encouraged to learn firsthand about producing entertainment today. Social media platforms, festival circuits and online media exposure are some of the topics they explore while promoting the film in student groups. This exciting opportunity is available to those studying the Bachelor of Entertainment Production, which is a new degree that joins a passion for entertainment to the possibility of student learning in a hands-on, collaborative and supported environment. Find out more about the Bachelor of Entertainment Production by browsing Entertainment Production at Deakin.

Snapshot of Monash University
- Named after engineer, military leader and public administrator Sir John Monash, Monash University was established in 1958
- Monash University became a founding member of the Group of Eight universities in 1999
- Monash ranks in the top 1% of world university rankings - Ranking
- Monash has over 70,000 students, with campuses in Malaysia, South Africa, China, India, Italy, besides its five campuses in Australia
- Monash University is the only university in Victoria that offers the Bachelor of Medicine and Bachelor of Surgery (Honours) as an undergraduate entry program from Year 12
- There are ten Monash Faculties offering hundreds of Monash Courses, ranging from single or double undergraduate degrees, or graduate qualifications up to a PhD
- Monash has a number of student-run clubs and associations which is a great way to get involved and meet people - Monash Clubs
- Career Connect is the career centre available to all Monash students where they can access a range of services offered such as volunteering, part-time jobs, assistance with applying for work on graduation, etc.
- The Monash Study Abroad program assists students in studying overseas as part of their course. Monash has exchange agreements with more than 100 universities all over the world.
- Monash offers more than 200 different scholarships for new and current students, from course fee subsidies to travel allowances, and payments for accommodation costs - Scholarships
- The Monash Guarantee is an alternative entry scheme for students to get into a Monash course even they do not reach the course’s clearly-in ATAR. Students may be eligible for the Monash Guarantee if they have experienced financial disadvantage
- Monash Residential Services assists students in finding accommodation on campus, and off campus.
Studying Osteopathy at VU

Osteopaths diagnose, treat and provide preventative advice about disorders that affect the body's musculoskeletal system, using manual techniques to alleviate stresses and dysfunction to improve the body's function (Good Universities Guide - Osteopath)

VU offers one of only three of these accredited double degree programs in Australia. Core studies include anatomy, osteopathic science, physiology and biochemistry. Students undertake fieldwork and clinical practice to prepare them for their osteopathy career.

Students considering a career in osteopathy need to complete the 3 year Bachelor of Science (Osteopathy) first. Students must then also complete the Masters of Health Science (Osteopathy) in order to be eligible to register as an Osteopath. Therefore, the double degree program is:

- Bachelor of Science (Osteopathy) - 3 years
- Masters of Health Science (Osteopathy) – 1.5 years

On completion of both programs, students will be eligible for:
- registration with the Osteopaths Registration Board of Victoria
- registration as an Osteopath in all other Australian states
- membership with the Australian Osteopathic Association

Further information about registration requirements is available at: Australian Health Practitioner Regulation Agency.

VU has a an Osteopathy Teaching Clinic which operates 47 weeks per year. Students are required to attend clinical sessions on a rotation basis including outside of semester hours to maintain a public service and provide continuity of patient care. Clinical training and fieldwork are crucial in the preparation to becoming an Osteopath. Visit Osteopathy at VU for more information.

Passion for Law and Commerce - Early Entry Program

Passion for Law and Commerce is a guaranteed early entry program designed to nurture your learning and give you a step up in your future law and commerce career. With an ACU double degree in Law and Commerce, students who have a passion for law and commerce, will have access to choices in areas that excite and inspire them: practice as a barrister or solicitor, provide advice as an in-house counsel to an organisation, or pursue a diverse career specialising in:

- commercial law coupled with accountancy or tax or finance
- social justice advocacy combined with business management
- intellectual property rights, consumer protection law, marketing, entrepreneurship and venture capital
- public and private international law coupled with a specialisation in business management and administration
- competition law joined with business management and marketing
- investment law, international trade law combined with finance, business management and administration
- employment law closely aligned with expertise in human resource management

Current Year 12 students (local and international) who will have completed, Legal Studies and a business related subject by the completion of their Year 12 you are eligible to apply for entry to ACU through the Passion for Law and Commerce Program. Successful applicants to this Early Entry program will require an ATAR 78, and Units 3 and 4 a minimum study score of 30 in English (EAL) or 25 in any other English.

- Bachelor of Laws and Bachelor of Commerce
- Bachelor of Laws and Bachelor of Business Administration

Applications are open, and close on 16 September 2016. Successful applicants will be notified by 30 September 2016. To find out more, and to apply visit Passion for Law and Commerce - Early Entry Program
Listed below are a number of engineering degrees offered at most universities in Victoria. Students should note that unless otherwise indicated* all engineering degrees require at the very least English or EAL, and Maths: Mathematical Methods (CAS). Courses with an * also require Chemistry or Physics. For a comprehensive list of all courses, their prerequisites and double degrees on offer, visit VTAC.

<table>
<thead>
<tr>
<th>Institution</th>
<th>Course</th>
<th>Major Studies</th>
<th>2016 ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deakin University</td>
<td>Civil</td>
<td>Civil engineering management, Computer-aided design (CAD), Construction, Engineering (civil), Engineering (fluid), Engineering design, Geotechnical engineering, Materials engineering, Structural engineering, Transportation, Water resources engineering.</td>
<td>61.85 (W)</td>
</tr>
<tr>
<td></td>
<td>Electrical &amp;</td>
<td>Circuits and electronics, Computer-aided design (CAD), Control systems, Data communications, Electrical and electronic engineering and technology, Electrical engineering, Electronic engineering, PLC and SCADA, Power systems, Renewable energy, Smart distributions and transmission systems.</td>
<td>n/a (M)</td>
</tr>
<tr>
<td></td>
<td>Electronics</td>
<td></td>
<td>n/a (W)</td>
</tr>
<tr>
<td></td>
<td>Mechanical</td>
<td>Computer-aided design (CAD), Control systems, Engineering (fluid), Engineering (mechanical), Materials engineering, Mechanical design, Systems design.</td>
<td>65.25 (M)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>62.70 (W)</td>
</tr>
<tr>
<td></td>
<td>Mechatronics</td>
<td>Artificial intelligence, Automotive design, Circuits and electronics, Computer-aided design (CAD), Control systems, Data communications, Electrical and electronic engineering and technology, Electrical engineering, Electronic engineering, Engineering (mechanical), Engineering (mechatronic), Mechanical design, Mechatronics design, Robotics.</td>
<td>n/a (M)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>60.50 (W)</td>
</tr>
<tr>
<td>La Trobe University</td>
<td>Civil</td>
<td>Building (construction methods), Building (design), Building (technology), Construction, Construction management, Engineering, Engineering (civil), Environmental engineering management, Hydraulics and hydrology, Sustainability.</td>
<td>60.45 (M)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>n/a (B)</td>
</tr>
<tr>
<td></td>
<td>Engineering</td>
<td>Civil engineering, Design, Electronic engineering, Engineering, Mechanical engineering.</td>
<td>73.40 (M)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>71.20 (B)</td>
</tr>
<tr>
<td>Monash University</td>
<td>Aerospace *</td>
<td>Aerodynamics, Aeronautical, Aerospace Engineering, Avionics, Engineering.</td>
<td>91.30 (C)</td>
</tr>
<tr>
<td></td>
<td>Engineering *</td>
<td>Chemical engineering, Civil engineering, Electrical and computer systems engineering, Engineering, Materials engineering, Mechanical engineering, Mechatronics engineering.</td>
<td>91.10 (C)</td>
</tr>
<tr>
<td></td>
<td>Environmental *</td>
<td>Engineering, Environmental engineering.</td>
<td>n/a (C)</td>
</tr>
<tr>
<td></td>
<td>Mining *</td>
<td>Engineering, Mining engineering.</td>
<td>n/a (C)</td>
</tr>
<tr>
<td></td>
<td>Software *</td>
<td>Engineering, Software engineering.</td>
<td>88.20 (C)</td>
</tr>
<tr>
<td>RMIT University</td>
<td>Advanced Manufacturing &amp; Mechatronics</td>
<td>Advanced manufacturing processes, Advanced robotics, Automatic control systems, Autonomous systems, Design for assembly and automation, Embedded systems, Engineering computing, Engineering mechanics, Manufacturing systems, Manufacturing systems modelling, Mechatronic design.</td>
<td>82.25 (C/B)</td>
</tr>
<tr>
<td></td>
<td>Aerospace</td>
<td>Aerodynamics, Aerospace engineering, Aerospace maintenance, Aerospace science and spacecraft, Aircraft design, Aircraft systems, Aviation, Computer modelling, Mechanics (applied), Mechanics (flight), Mechanics (fluid), Mechanics (solids), Mechanics (structural).</td>
<td>90.10 (C/B)</td>
</tr>
<tr>
<td></td>
<td>Automotive</td>
<td>Computer-aided engineering and design, Dynamics and control, Energy conservation and renewable energy, Engineering mathematics, Fluid mechanics, Industrial aerodynamics and computational fluid dynamics, Mechanics of machines, Mechatronics, Solid mechanics and materials, Thermodynamics, Vehicle handling and control, Vehicle noise and vibration, Vehicle power system and vehicle body design.</td>
<td>n/a (C/B)</td>
</tr>
<tr>
<td></td>
<td>Biomedical</td>
<td>Bioinformatics, Cell Biology, Chemistry, Circuit Theory, Electronics, Engineering biomechanics and biomaterials, Human physiology, Medical engineering &amp; instrumentation, Physics, Programming, Signal processing.</td>
<td>85.65 (C)</td>
</tr>
<tr>
<td></td>
<td>Chemical *</td>
<td>Chemical sciences, Environmental, Food science and biotechnology, Metallurgical, Petroleum, Rheology.</td>
<td>76.45 (C)</td>
</tr>
<tr>
<td>Course</td>
<td>Specializations</td>
<td>Score</td>
<td></td>
</tr>
<tr>
<td>---------------------------</td>
<td>----------------------------------------------------------------------------------</td>
<td>--------</td>
<td></td>
</tr>
<tr>
<td><strong>Civil &amp; Infrastructure</strong></td>
<td>Civil engineering management, Computer modelling, Construction management, Engineering (civil), Engineering (environmental), Engineering (geotechnical), Engineering (structural analysis and design), Engineering (transport engineering), Irrigation and water management, Mechanics (structural), Project management, Risk analysis and management, Roads and road design, Software applications, Water quality management, Water resources engineering.</td>
<td>85.20</td>
<td></td>
</tr>
<tr>
<td><strong>Computer &amp; Network</strong></td>
<td>Computer and network security, Computer engineering, Computer networks, Embedded systems, Internet communications, Microprocessor, Microprocessor control systems, Mobile and cloud networks and computing, Multimedia engineering (audio), Multimedia engineering (image), Multimedia engineering (speech), Multimedia engineering (video signal processing), Network engineering, Network infrastructure design and performance, Network management, Signal and systems, Telecommunications (systems and networks), Wireless technologies.</td>
<td>73.00</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical</strong></td>
<td>Control systems, Electrical distribution, Electrical energy conversion, Electrical engineering, Electrical transmission, Industrial automation, Microprocessor control systems.</td>
<td>72.30</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical &amp; Electronic</strong></td>
<td>Circuits and electronics, Communication systems, Computer engineering, Computer networks, Control systems, Digital and analogue electronics, Electrical systems, Electronic systems, Photonics, Signal processing, Wireless technologies.</td>
<td>72.15</td>
<td></td>
</tr>
<tr>
<td><strong>Environmental</strong></td>
<td>Chemical engineering, Civil engineering, Environmental analysis, Environmental engineering, Geology, Hydrogeology, Hydrology, Infrastructure management, Land contamination, Pollution control, Process engineering, Sustainability, Transport engineering, Urban systems, Waste water treatment, Water engineering, Water management.</td>
<td>81.40</td>
<td></td>
</tr>
<tr>
<td><strong>Mechanical</strong></td>
<td>Computer-aided engineering and design, Dynamics and control, Energy conservation and renewable energy, Engineering and society, Engineering mathematics, Fluid mechanics, Industrial aerodynamics and computational fluid dynamics, Manufacturing, Mechanical design, Mechanics of machines, Mechatronics, Professional research project, Solid mechanics and materials, Thermodynamics.</td>
<td>84.05</td>
<td></td>
</tr>
<tr>
<td><strong>Sustainable Systems</strong></td>
<td>Advanced life cycle and systems assessment, Chemistry fundamentals, Computer-aided design and engineering, Electrical energy systems, Intelligent transport systems, Manufacturing management, Mathematics, Professional research project, Renewable energy, Statistics, Sustainable energy systems, Sustainable engineering logistics systems, Sustainable transport systems, Systems engineering.</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td><strong>Software Engineering</strong></td>
<td>Algorithms and data structures, Artificial intelligence, Computer architecture, Computer operating systems, Database systems, Industrial collaboration and experience, Networks and data communications, Object-oriented design, Object-oriented modelling, Object-oriented programming, Object-oriented software engineering, Operating systems, Problem solving, Programming, Programming (C), Programming (Java), Project management, Software development, Software engineering, Software engineering practices.</td>
<td>82.00</td>
<td></td>
</tr>
<tr>
<td><strong>Swinburne University</strong></td>
<td>Civil engineering, Computer-aided engineering, Cost engineering, Design of building structures, Design of steel structures, Engineering management, Geotechnical engineering, Infrastructure design project, Project management, Road and transport engineering, Structural design low rise building, Structural mechanics, Sustainable design, Topographical engineering, Transport engineering, Urban water resources, Water and environmental engineering.</td>
<td>75.00+</td>
<td></td>
</tr>
<tr>
<td><strong>Construction</strong></td>
<td>Civil engineering, Computer-aided engineering, Construction engineering, Construction law and contracts, Construction quality and practices, Cost engineering, Design of constructed structures, Design of temporary structures, Energy and motion, Engineering design, Engineering management, Geomechanics, Project and construction planning, Risk and due diligence, Road engineering, Structural mechanics.</td>
<td>75.00+</td>
<td></td>
</tr>
<tr>
<td><strong>Electrical &amp; Electronic</strong></td>
<td>Electrical and power, Software engineering, Telecommunications.</td>
<td>75.00+</td>
<td></td>
</tr>
</tbody>
</table>
## Seven Tips to Get You Started in a Career in Human Rights

Human rights work can be highly rewarding – but it can also be extremely demanding, and an extremely challenging and competitive field to enter. The Ethical Jobs Blog highlights seven things students should consider when stepping onto the path to a career in human rights.

Visit Ethical Jobs Blog to find out more.
<table>
<thead>
<tr>
<th>University</th>
<th>Course</th>
<th>VCE Prerequisites</th>
<th>2016 ATAR</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>La Trobe University</strong></td>
<td><strong>Bachelor of Pharmacy</strong></td>
<td>Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in any Mathematics.</td>
<td>78.20 (B) plus Supplementary Form</td>
</tr>
<tr>
<td>B – Bendigo Campus</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Monash University</strong></td>
<td><strong>Bachelor of Pharmacy (Honours)</strong></td>
<td>Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>92.00 (P)</td>
</tr>
<tr>
<td>P – Parkville Campus</td>
<td>C – Clayton Campus</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Monash University</strong></td>
<td><strong>Bachelor of Pharmacy (Honours) Scholars Program</strong></td>
<td>Units 3 and 4: a study score of at least 35 in English (EAL) or at least 30 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>98.05 (P)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Monash University</strong></td>
<td><strong>Bachelor of Pharmaceutical Science</strong></td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>n/a (P)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Monash University</strong></td>
<td><strong>Bachelor of Pharmaceutical Science Advanced with Honours</strong></td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in one of Maths: Mathematical Methods (CAS) or Maths: Specialist Mathematics.</td>
<td>90.10 (P)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Monash University</strong></td>
<td><strong>Engineering/Pharmaceutical Science</strong></td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in Maths: Mathematical Methods (CAS); and a study score of at least 25 in Chemistry.</td>
<td>91.85 (C)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RMIT University</strong></td>
<td><strong>Bachelor of Pharmacy (Honours)</strong></td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 25 in Chemistry; and a study score of at least 25 in Maths: Mathematical Methods (CAS).</td>
<td>RC* ATAR plus Supplementary Form</td>
</tr>
<tr>
<td>B – Bundoora campus</td>
<td>R.C. – Range of Criteria</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RMIT University</strong></td>
<td><strong>Bachelor of Biomedical Science (Pharmaceutical Sciences)</strong></td>
<td>Units 3 and 4: a study score of at least 30 in English (EAL) or at least 25 in English other than EAL; and a study score of at least 20 in Chemistry; and a study score of at least 20 in one of any Mathematics or Physics.</td>
<td>n/a (B)</td>
</tr>
</tbody>
</table>