Deakin University

Bachelor of Engineering Science

Deakin’s new Bachelor of Engineering Science brings together studies in engineering, physiology, exercise, and sport science in a qualification that could lead to a variety of exciting career opportunities in the fields of sports or medical technology, with a focus on human performance.

Students specialise in one of the following areas:

Sports technology – electrical major

The Sports technology - electrical major gives students the opportunity to combine their passion for sport with a career with a technology/design focus. Students will specialise in electrical systems and will study units in digital electronics, microcontroller principles and microcontroller system design as part of this major.

Sports technology – mechanical major

The Sports technology - mechanical major also gives students the opportunity to combine their passion for sport with a career with a technology/design focus. In this major, students will study units in engineering physics, clinical and sport biomechanics, physiology of sport performance, engineering design and CAD, and engineering mechanics.

Medical technology major

The medical device and diagnostics industry is the focus of the Medical technology major. Students will study units in physiology, anatomy and microbiology as part of this major.

To find out more, visit [http://www.deakin.edu.au/sebe/courses/undergrad/eng-sci/](http://www.deakin.edu.au/sebe/courses/undergrad/eng-sci/)

Profile: Bachelor of Vision Science (Optometry)

Optometrists are primary eye care providers who possess and excellent understanding of the visual system, the problems that occur and how to manage these problems. Optometrists in Australia can refer patients directly to eye surgeons (ophthalmologists) as well as co-manage patients with ophthalmologists and GPs.

The Bachelor of Vision Science is an accelerated two year course delivered over six consecutive trimesters commencing in Trimester 1. All the units in the course are prescribed and this course articulates into the Master of Optometry.

The Master of Optometry is a 1.5 years accelerated full time program delivered over four consecutive trimesters commencing in Trimester 1. So, in 3.5 years a student can graduate with a Bachelor of Vision Science and a Master of Optometry.

Visit [http://www.youtube.com/watch?v=QFT-sCc6SP4](http://www.youtube.com/watch?v=QFT-sCc6SP4) and watch a YouTube video showcasing reasons to study optometry at Deakin!

Monash University
Current Year 12 students applying for the Bachelor of Medicine, Bachelor of Surgery Degree are to please note the following important information from Monash University:

1. Selection for interview will be based on a combination of UMAT and ATAR
2. All eligible applicants will be communicated with via email regarding the interview process and dates in October 2013.
3. Interview notifications will be emailed to eligible Victorian, Dean's Rural List and Dean's Indigenous List applicants including the interview process and dates in December 2013.
4. All interviews for 2014 entry will be held in January 2014

Students are encouraged to visit the following two links to stay up-to-date –
http://www.med.monash.edu/medical/central/prospective-students.html and
http://www.med.monash.edu/medical/central/important-dates.html

The University of Melbourne

The Melbourne JD Showcase
Melbourne Law School is hosting a one-day JD showcase specifically designed for school students who are interested in pursuing law at university.
Expert teachers will hold master classes on areas of law that students have always wanted to know more about.

Program highlights include:
- So Sue Me! (What's a Negligence action all about?)
- Dispute Resolution interactive case
- Criminal Law

Date: Wednesday 3 July 2013
Time: 9.30am-3.30pm
Cost: $66 (inclusive GST) – participants will get morning tea, lunch and a showbag

Places are limited and students are encouraged to register soon. Register now! Registration and payment must be received by 5pm Friday 28 June 2013 (unless sold out prior). Online registration and payment details are available at
www.law.unimelb.edu.au/jd/future-students/information-for-school-students

Mechatronics: Designing Our Future
Mechatronics is an exciting discipline that integrates mechanical, electronic and software engineering, offering graduates a wealth of well-paid career opportunities in fields as diverse as aeronautics, robotics, energy and biomechanics.
Mechatronics graduates work on the development of 'smart' products and systems such as computer-controlled robots, washing machines, automotive equipment, medical imaging systems, wind and wave generators and hybrid and electric vehicles. The Master of Engineering (Mechatronics) offers students a professional qualification in Mechatronics at the graduate level, and is the first course in Australia to be accredited in Europe by EUR-ACE®. For more information, visit
www.eng.unimelb.edu.au/study/graduate/master-eng-mechatronics

La Trobe University
From 2014 La Trobe University will be offering the Bachelor of Exercise Science at the Melbourne Campus. Entry requirements to this 3-year degree are VCE Units 3 and 4: study score of at least 30 in EAL or 25 in English (any), and at least 20 in two of Biology, Chemistry, Mathematics (any), Physical Education or Physics.
Find out more at www.latrobe.edu.au/courses/exercise-science
Accounting cadetship at BDO

BDO are seeking accounting cadets with energy, ambition, potential and a quest for continuous learning and excellence. To support students throughout their undergraduate studies, BDO provides:

- Paid study leave
- Text book allowance
- University administration or enrolment fee reimbursement
- Paid time off to attend lectures and exams.

Applications are open and will close in June 2013. To find out more, or to apply visit http://www.bdo.com.au/careers/programs-and-dates/melbourne-cadet-program

News from RMIT

New Bachelor of Science (Dean's Scholar) (Hon)
This is a selective four year full-time program incorporating an honours year for capable and highly motivated students who want research training through hands-on participation in research projects. The majors on offer are: biology, biotechnology, chemistry, and physics.

The prerequisite VCE subjects are: A study score of at least 25 in units 3 and 4 mathematical methods (CAS) or specialist mathematics, and a study score of at least 30 in English (ESL) or at least 25 in any other English.

For further information, call (03) 9925 3950 or email sciences@rmit.edu.au

Targeted Information sent Directly to You!
Are you interested in studying at RMIT University? If so, you might like to click on the link below, complete the fields required and submit to RMIT. RMIT will then send you specific, targeted information based on the information you have provided.

www.rmit.edu.au/browse/Study%20at%20RMIT%20Careers%20advisers%20Expression%20of%20interest%20form

DEPI Cadetship

Are you interested in a career that will influence the future in
- Healthy and productive water systems?
- Healthy and productive land?
- Flourishing biodiversity in healthy ecosystems?
- Clean air, liveable climate?
- Less waste, less pollution?
- Living cultural heritage?
- Healthy, productive and accessible marine, coastal and estuarine environments?

Students who say 'yes' might like to consider a cadetship with the DEPI. The DEPI Cadetship Program offers VCE students and first year science students cadetships to study an approved science degree at a Victorian university.

While studying, students will receive:
- an annual allowance of $9000 to help with fees and accommodation
- up to $500 each year for books
- a DEPI mentor
- two study tours per year (each of three days duration)
- six to eight weeks work experience with DEPI per year

Besides studying, students will undertake practical work placements for 6-8 weeks of the university holidays. Placements are structured learning opportunities during which the student and their mentor will set goals and devise the learning objectives. DEPI professional scientists supervise placements and will provide feedback on the work. This is an excellent way to learn the practical skills of the job and get the most from an university education.

After graduating students will be considered for a role within DEPI, which offers a wide range of career opportunities. So, students who meet the following criteria might be keen on applying:
- VCE results are of a high standard.
- Have well developed communication skills.
- Like working with people.
- Have a genuine interest in science and the future of sustaining Victoria's natural resources.

ADFA Information Evening

Defence Force Recruiting would like to take this opportunity to invite students and their families to an Australian Defence Force Academy (ADFA) Information Night at the Defence Force Recruiting Centre in Melbourne.

The evening will provide students with an overview of life at ADFA, details about University of New South Wales (UNSW) and also an explanation of the recruitment process.

Date:                     Thursday 13 June 2013
Time:                     6:00pm – 7:00pm
Location:              501 Swanston Street, Melbourne, VIC, 3000
Meeting Place:        Level 14 Reception area

Attendees will also have the opportunity to speak with an ADFA representative who will be able to answer any questions they might have about the academy.

There are limited positions available for this session so reservations are essential.

Please email your RSVP to CPTVIC@dfr.com.au no later than Thursday 6 June 2013.

Careers in Sports Medicine Evening

Olympic Park Sports Medicine Centre (OPSMC) is holding its annual Careers in Sports Medicine Evening which aims to build an awareness of the health professions involved in caring for athletes, whether they compete for Australia or exercise for fitness. This is an excellent introduction to the world of sports medicine!

Date:                     Wednesday 19 June 2013
Time:                     6.30pm (registration), 7.00pm (talks begin)
Where:        AAMI Park Stadium, 60 Olympic Boulevard, Entrance F, Gate 4, Corporate Entrance, Olympic Room 3
Cost:                     $25 per student incl. GST (One parent or guardian per student is welcome at no charge)
Parking:        Car park at Entrance D, off Olympic Boulevard, parking fees apply.
RSVP:                     Registration is essential by Monday 17 June 2013

Visit www.trybooking.com/CSIP to register. For more information, contact Megan Marshall at megan.marshall@opsmc.com.au

Access Education 2013 Mid-Year Lecture Program

The ACCESS EDUCATION Mid-Year Lecture program is aimed at providing students with the tools needed to ensure that they have a very good head start to their final semester of high school. The program includes -

- Extensive and detailed 2½ hour lectures
- A concise revision of Unit 3 to ensure that students are on the right track
- A unique "head start" program that will give students an excellent advantage for Unit 4
- A greater level of confidence
- Subject specific study notes prepared by the lecturer
- General and subject specific study/learning strategies
- Presenters will be available to answer individual questions personally after each lecture

At the cost of $42 per student per lecture, or $33 per student per lecture for a group of five or more students, these lectures are good value! The lectures are scheduled for the 1 – 3 July 2013. Find out more by collecting a flyer in the Career Centre or visit http://www.accesseducation.com.au/mid-year-lectures.aspx.
New entry process: Bachelor of Architectural Design/Master of Architecture

Year 12 students considering applying for Architecture at Monash are to note there is a new entry process. From 2014, Monash will be introducing a pre-selection activity and an interview, and also removing the mathematics prerequisite.

Monash wishes to select students into Architecture on more than just their ATAR. Their ATAR is still important, but the pre-selection activity and interview provide additional ways for students to demonstrate their ability.

In the pre-selection activity students will be asked to respond to an issue through text and image, but this exercise is not about assessing their design or drawing expertise. Students will not be disadvantaged if they have not completed Studio Art or Visual Communication Design.

The interview will be an opportunity for students to share their story and indicate why they want to study architecture.

For more details, visit www.artdes.monash.edu.au/architecture/news.php# or contact Student Administration and Services, Monash University Art Design & Architecture (MADA) on (03) 9903 1517 or email mada@monash.edu.

Business and Economics - New Simulated Teaching Lab (STARLab)

The popularity of the Department of Accounting and Finance's STARLab (Simulated Teaching and Research Laboratories) has led to the installation of a new STARLab at the Caulfield Campus with the capacity to host 78 students.

This facility is part of the Faculty of Business and Economics continuous learning and teaching improvement program.

The STARLab runs a suite of financial market simulation programs, including the Monash Trader program developed by staff within the Department of Accounting and Finance. Accounting information systems also run in the STARLabs.

“Students are exposed to situations and events that demand thoughtful responses that draw on their prior learning in our undergraduate and postgraduate degree courses,” Associate Professor Kevin Tant, STARLab Coordinator explained.

“Students engineer responses with a variety of financial instruments to create financial market positions, hedge risks and seek profits in competition with other traders,” Associate Professor Tant said. Visit www.buseco.monash.edu.au/aaf/research/starlab/ for more information!

Computer Games Boot Camp (CGBC) 2013

CGBC (Computer Games Boot Camp) is a seven-day event run by the Faculty of Information Technology for Year 9 to Year 12 students to experience everything connected to computer games and Information Technology.

Students get to learn from experienced industry professionals, talk to like-minded individuals and expand their networks.

Students also get to participate in workshops, tournaments, presentations and activities. Students interested in becoming an IT professional, building and designing games, multimedia or simply playing games might like to consider participating in this!

Date: Saturday 6 July until Friday 12 July 2013
Location: Clayton Campus

Registrations for 2013 are open now. For more information visit: www.cgbc.infotech.monash.edu
Where can a History major take me?

The History curriculum offers you the opportunity to understand the worlds of the past, to reflect on the making of the present, and to develop the capacity to locate information, analyse evidence, think critically, and communicate effectively.

Students who enjoy studying history often want to study it at university but are concerned about how they could use it in a job one day. A popular way of studying history at university is as a major in a Bachelor of Arts degree. A Bachelor of Arts in History is a flexible undergraduate degree that provides students with broadly marketable skills.

Quick facts:
- History is the study of the most important and exciting events that have ever occurred
- A history major provides students with a range of areas including the introduction to modern society, politics and global events
- Students majoring in history gain important skills in critical thinking, writing and composition
- History majors develop research and presentation skills that are highly transferable to any career
- Communicate clearly and persuasively in writing
- Speak fluently and compellingly to audiences large and small
- Apply their wide-ranging research skills to a variety of real-world problems
- Gather and manage complex data
- Present that data in a variety of formats
- Formulate persuasive arguments on the basis of concrete evidence
- Make well-informed decisions on the basis of that evidence

Students who graduate with a Bachelor of Arts (History) regularly find careers in Law, Government, Public Policy, Consulting, Education, Academia, Publishing, Management and Administration, Research and Journalism.

Electrical Protection and Control Testers

Electrical protection and control testers perform maintenance testing and operate and commission electrical equipment at electrical facilities, such as power sub stations, to ensure power supply is reliable. Testers investigate the cause of malfunctions and perform modifications and repairs and do further tests to improve reliability of the systems. Workers in this field need to have a strong focus on health and safety.

NMIT offers a Diploma of Electrical Supply Industry (ESI) - Power Systems course, available to students already employed in the electrical supply industry.


William Anglis Diploma of Holiday Parks and Resorts

The Diploma of Holiday Parks and Resorts (Spa) combines both training in tourism and hospitality management with specialist Spa units and qualifications. It is a dual qualification, in that graduates not only receive the Diploma, but also the Certificate IV in Beauty Therapy. Students complete units in nail services, waxing and spa therapies, which is delivered in partnership with Aurora Spa. This course is completed in 1, 5 years, and is ideal for students who aspire to manage their own spa business or facility.

## Health Science Degrees offered at Victorian Universities

<table>
<thead>
<tr>
<th>UNIVERSITY</th>
<th>VCE PREREQUISITE SUBJECTS</th>
<th>MAJORS STUDIES ON OFFER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deakin University (M, G, W)</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or 25 in any other English</td>
<td>Environmental Health, Exercise Science, Family, Society and Health, Food Studies, Health Promotion, Health and Sustainability, Medical Biotechnology, Nutrition, People, Society and Disability, Physical Activity and Health, Psychology, Sport Coaching</td>
</tr>
<tr>
<td>La Trobe University (M, B)</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or 25 in any other English and a study score of at least 20 in one of biology, chemistry, mathematics (any), physical education or physics</td>
<td>Human Physiology and Anatomy (Melbourne campus), Public Health (Bendigo and Melbourne campuses), Rehabilitation Counselling (Melbourne campus)</td>
</tr>
<tr>
<td>Monash University (Ca)</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or 25 in any other English</td>
<td>Health programs and policy, Health promotion, Public Health</td>
</tr>
<tr>
<td>RMIT University (C)</td>
<td>Units 3 and 4—mathematics (any) and a study score of at least 25 in English (EAL) or at least 20 in any other English</td>
<td>Anatomy and physiology, Biological principles, Chronic diseases, Evidence based health practice, Health and nutrition, Law and ethics in health, Multidisciplinary health care in Australia, Understanding disease processes and treatment, Understanding the psychology of health</td>
</tr>
<tr>
<td>Swinburne University (H)</td>
<td>Units 3 and 4—a study score of at least 30 in English (EAL) or at least 25 in any other English and at least 20 in mathematics (any)</td>
<td>Health Promotion, Nutrition, Psychology, Sport Science</td>
</tr>
<tr>
<td>University of Ballarat (Mt H)</td>
<td>Units 3 and 4—one of biology, chemistry, psychology, mathematics (any) or physics; and a study score of at least 25 in English (any)</td>
<td>Biomedical Science (Health &amp; Disease), Biomedical Science (Molecular &amp; Cell Biology), Food and Nutritional Sciences, Nursing, Psychology</td>
</tr>
</tbody>
</table>
So, you want to be a Mechanical Services Draftsperson?

Mechanical Services Draftspersons work predominantly in the Computer Aided Design (CAD) environment. They are responsible for the design and drafting of drawings from which the mechanical systems within a building project can be manufactured and constructed. The role of a mechanical service draftsperson includes liaising with equipment suppliers, site personnel and project managers; coordination with other service contractors involved in the project, and production of accurate working drawings. Detailed drafting in CAD, undertaking site measures, attendance at site meetings, and resolving coordination issues, can be all in a day's work for a mechanical service draftsperson!

This job suits people who –

- like working with computers
- enjoy a fast-paced working environment
- are happy working on many and varied work projects
- have an eye for detail and like to take responsibility for their work
- can be creative, when it comes to designing and detailing the most efficient and cost-effective system
- have good communication skills
- work well on their own as well as part of a team
- are accurate and reliable
- think logically to resolve problems