Reminders

‘At Monash’: Health science and social work 7 May; Teaching, sport and outdoor recreation 8 May; Medicine 13 May; Education and nursing 21 May; Biomedical science, radiography, and nutrition and dietetics 29 May; Engineering 30 May. Reg’n: 1800 MONASH or www.monash.edu/seminars

‘Age’ VCE and Careers Expo: Thurs 2 - Sun 5 May; Caulfield Racecourse

THE AGE VCE AND CAREERS EXPO 2013
Thursday 2 May and Friday 3 May, 10am - 3pm
Saturday 4 May and Sunday 5 May, 10am - 4pm
Caulfield Racecourse (opposite Caulfield Station)

UNDERGRADUATE MEDICINE AND HEALTH SCIENCES

ADMISSION TEST (UMAT) – Copies of the Quick Reference Guide can be downloaded from the UMAT website at http://umat.acer.edu.au . Before registering for the UMAT students are required to read the UMAT2013 Information Booklet available ONLY online from the same website. Registrations are now open, and close on 7 June. Test date: 31 July, 2013. The UMAT is required for Monash medicine and physiotherapy and for some interstate courses.

• NOTE: UMAT produces preparation materials and these are available online through the UMAT website. There are currently two tests available; a new publication, Additional Practice Questions, will be released for purchase.

MEDICINE & DENTISTRY – Any students considering applying for medicine or Dentistry should see me soon for his copy of The Medicine matrix and The Dentistry Matrix. These sheets summarise the details of all relevant courses in Australia.

CHECK OUT MELBOURNE UNIVERSITY COURSES AT A ‘FOCUS’ SESSION – (all 6.30-8pm). Prospective students and their families are invited.

• Focus on - Commerce: Tues 21 May; Biomedicine: Wed 22 May; Engineering: Tues 28 May; IT: Tues 28 May; Agriculture: Wed 29 May; Music: 4 June; Science: 5 June; Environments: 18 June; Law: 19 June; Arts: 25 June; The VCA: 26 June

To register to attend a Focus session go to www.futurestudents.unimelb.edu.au/focus-melb.

BIOTECHNOLOGY AT HOLMESGLEN – Interested in health? Certificate IV and Diploma in Laboratory Techniques give graduates qualifications to work in roles in laboratories from technicians to research assistants. Classes have around 20 students, so teachers are able to give more one-on-one time. The fully equipped laboratories give hands on experience, making graduates work ready. Certificate IV students complete a two week placement, while diploma students can do month long internships. Some graduates are working at Melbourne Pathology and Peter McCallum Cancer Centre, while others have gone on to university study. Info: ph 9209 5606. NOTE: courses are on offer at Box Hill, Chisholm, Gordon and Swinburne TAFEs as well.

HEALTH COURSES AT AUSTRALIAN CATHOLIC UNIVERSITY (ACU) – The Faculty of Health Sciences is growing, adding to the courses offered for some time, like nursing and paramedics.

• New degrees were introduced in 2013: Bachelor of Applied Public Health, Bachelor of Nursing/Bachelor of Business Administration and Bachelor of Speech Pathology. ACU enrolled 76 students into the later course. The Bachelor of Occupational Therapy (commenced in 2012) enrolled 117 students this year.

• The Bachelor of Applied Public Health/Bachelor of Global Studies offers the chance to pursue a career in international public health. Starting in 2014, the degree will combine training in public health and global development with access to national and international community development programs. A full semester placement in a community development setting is in 3rd year.

• ACU’s Bachelor of Exercise and Health Science has an Outdoor Recreation Leadership stream. If a student chooses to undertake all eight units in Outdoor Recreation they can obtain Victorian Institute of Teaching (VIT) accreditation for Outdoor Recreation as a teaching method. Graduates of the Outdoor Recreation Leadership stream work in areas like: expedition guide, nature tourism, camp directors, program directors for wilderness and adventure therapy, risk assessment, government department management including marine safety, land care and national parks, and for outdoor companies.

LA TROBE UNIVERSITY – NUMBER 1 IN SPORT – La Trobe has a specialised unit called La Trobe Sport that will drive the vision for the university to be first choice for the study of, participation in, and partnering in sport in Australia. The aim is to be the leading university in teaching and research related to sport, to support student sport and sport related clubs to increase student participation in sport, to engage the local community and schools through the use of sporting facilities and sport services at La Trobe. The Sport Unit will work to enhance the sport offerings and research outcomes that already exist, as well as build new courses to suit the changing sporting market. La Trobe will work to secure funding to improve sporting facilities. There will be partnerships with organisations like Melbourne Heart FC, Football Federation Victoria and the MCG.

In connection with this, La Trobe has announced a new three year partnership with the AFL Players Association. It is committed to the Association and will become the ‘Higher Education Partner’. La Trobe works on research across a number of sport related disciplines like coaching, physiotherapy, psychology, exercise physiology and human nutrition, highlighting sport as one of the university’s important components, and affirms La Trobe’s Elite Athlete Friendly status.

SWINBURNE NEWS UPDATE – Swinburne is both a University and a TAFE. It has a University/TAFE campus in Hawthorn, and TAFE in Croydon and Wantirna (Lilydale and Prahran are closing).

Swinburne’s goal is to be Australia’s leader in science, innovation, business and design by 2020. Swinburne is judged to be in the top 400 universities in the world (of 15,000), and is the third in Victoria.

It has leading achievement in design and engineering and in games design (eg Orpheus). Animation is being added as a stream to the Swinburne Film and Television degree.

In Business, Swinburne also offers strong programs in entrepreneurship. Industry-based learning (IBL) is a feature at Swinburne, giving students work experience, helping improve academic performance and helping clarify career goals.

The university introduced Swinburne Connect in 2012. Students are contacted in the first few weeks of their degree, and are offered learning support if it is considered necessary. The aim is to reduce the first-year drop-out rate from the university.

With regard to employment outcomes, the ABS statistics show that in 2012 the unemployment rate was 4.8% overall in Australia, but for those with a Certificate III or IV it was 4.4%, while for those with a university degree it was 2.7%.
PILOT TRAINING SCHOLARSHIP – The Royal Victorian Aero Club is offering a pilot training scholarship to encourage young Australians to take up a career or long term recreational participation in aviation. Information and a data pack are available at www.rvac.com.au, with applications closing on 31 July. Info: Kerin, kgreenwood@tpg.com.au (scholarship coordinator).

VOlunteEr PrOgramS With PrOjectS AbROad

Projects Abroad organises volunteer and work experience programmes in 29 developing countries. There is a wide range of projects such as: care, teaching, conservation, sports, human rights, law, healthcare and journalism in countries like Kenya, Peru and Nepal to name a few. One of the programs Project Abroad offers is a two-week high school summer programs for Year 10 and 11 students. Students aged 16 or 17 and not in their final year of school are eligible to apply. For more information, visit www.projects-abroad.com.au

NEWS FROM THE UNIVERSITY OF MELBOURNE

➢ Studying Engineering at Melbourne
To become a professionally-accredited engineer, students at the University of Melbourne complete five years of study, starting with an engineering major or sequence of studies in a three-year undergraduate degree, and then completing a two-year Master of Engineering. Engineering majors are available in the following undergraduate degrees:

- Bachelor of Biomedicine
- Bachelor of Commerce (breadth sequence in Engineering)
- Bachelor of Environments
- Bachelor of Science

Specialisations:
- Biomedical
- Biomolecular
- Chemical
- Civil
- Electrical
- Geomatics
- Mechanical
- Mechatronics
- Software
- Structural

Melbourne Model Degrees (3 years)

<table>
<thead>
<tr>
<th>BIOMEDICINE</th>
<th>ENVIROnMENTS</th>
<th>COMMERCE</th>
<th>SCIENCE</th>
</tr>
</thead>
</table>

➢ Where can Biomedicine Take Me?
Graduates of the Bachelor of Biomedicine develop important skills in scientific method, critical thinking and problem solving, the analysis of data and evidence, written and oral communication and the ability to work collaboratively in teams. Biomedicine graduates also possess specialist scientific knowledge and technical skills for further research. Biomedicine graduates are equipped for a range of careers in industries including business, science, health, education and technology. Students who choose to enter the workforce after completing the Bachelor of Biomedicine often find employment as a –

- Hospital Scientist
- Laboratory Technician
- Microbiologist
- Pharmaceutical and Medical Supplies Representative
- Scientific Equipment Sales Representative
- Pharmaceutical Scientist
- Diagnostic Technician
- Forensic Scientist

Alternatively, graduates of the Bachelor of Biomedicine go on to further study in –

- Medicine
- Dentistry
- Physiotherapy
- Engineering
- Law
- Nursing
- Social Work
- Public Health
- Genetic Counselling
- Clinical Audiology
- Optometry

Visit http://biomed.unimelb.edu.au/biomedicine-pathways to find out more!

➢ Bachelor of Music

The Bachelor of Music aims to produce graduates who are both thinking musicians and musical thinkers – people who will make a difference to our world by embracing and furthering the practice. The Bachelor of Music is offered by the Melbourne Conservatorium of Music and focuses upon Western tradition, classical music. All Bachelor of Music students share a common first-year experience that focuses on developing music performance and applied music skills, as well as historical, contextual, theoretical and aural studies. Students receive one-to-one tuition from highly experienced teachers and a wide range of ensemble experiences, including the University of Melbourne Orchestra.

In second year, students can choose to remain focused on music performance or shift to other majors such as composition, musicology or ethnomusicology. Third year includes a capstone subject in the chosen major as well as elective options that allow students to tailor their final year to their interests and future study and career goals. Entry into the Bachelor of Music is by audition. More details can be found at www.conservatorium.unimelb.edu.au/bmus

NEW BACHELOR OF MECHTRONIC & ROBOTIC ENGINEERING

Mechatronics and robotics engineers design and integrate mechanical, electronic and software elements to engineer solutions to diverse real world. La Trobe University will be offering the Bachelor of Mechatronics and Robotic Engineering at the Melbourne campus in 2014. This course is aimed at providing students with accredited training for the growing fields related to integration and control of mechanical systems. The first year of the course is an engineering common year, providing students with flexibility to swap to different engineering disciplines. Project work is embedded in all years of study, culminating in a year-long project in the 4th year. Major studies on offer to students will include Digital and analog electronics, Hydraulics, Robotic control and sensors, Microcontroller and programmable logic design, Structural engineering, Electronics systems, Electrical power, Embedded system design, Mechanics, Mechatronics systems, Software Design, Physics, Mathematics, Instrumentation, Communications, Control Systems, Management. Students complete twelve weeks of paid vacation industry experience throughout the course to prepare them for work in industry.

Prerequisites: VCE Units 3 & 4: English (any) and either Mathematical Methods or Specialist Maths

Duration: 4 years full-time or part-time equivalent


Mandy Ellwood
Careers Counsellor
mellwood@sccmelb.catholic.edu.au