



DE LA SALLE COLLEGE

CAREER NEWS

FRIDAY, 15 MARCH 2013



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: Monday 18 March 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 **Friday the 15 March 2013**.



Access All Areas

Access All Areas is a series of events especially designed for Year 10 to 12 students and their families, providing an opportunity to explore what the University of Melbourne has to offer. Students are invited to explore the University of Melbourne, and have the opportunity to gather information and talk to University staff and students about all aspects of studying and life at Melbourne. There will also be an opportunity to tour our Southbank campus during the day.

The program will be run on two days so students should register for the day that suits them best.

Date: Friday 5 April OR Friday 12 April
Time: 9.00am – 3.30pm
Location: Parkville Campus, the University of Melbourne

Find out more and/or register at:-

http://futurestudents.unimelb.edu.au/explore/events/victoria_and_interstate/victoria/access-all-areas



Bond University Student Experience Day

Year 11 and 12 students interested in studying at **Bond University** might be interested in taking up an opportunity to spend a day up at Bond University during the upcoming school holidays.

The cost of the Bond University Experience is \$90 per person which includes the following:

- Return airfare from Melbourne to the Gold Coast (fully escorted)
- Transfers to and from the campus
- Briefings from each of our 5 Faculties
- Campus Tour
- Accommodation presentation and tour
- Lunch and light refreshments
- Information pack

Date: Wednesday, 10 April 2013

Time: Flight departs from Melbourne Airport at 6:00am & returns at 8:05pm

The day trip is limited to 30 students so it is important to register early. Registrations should be made online at <http://bondexperiencevictoria.eventbrite.com>. Please note that students will be required to make their booking payment at the time of registering.

Flight details and travel information will be sent to students once they have registered. To view the full program, visit http://bond.edu.au/prod_int/groups/public/@publicadmissionsdom-gen/documents/form/bd3_025339.pdf.

Should students have any queries in this regard, contact Jennifer Graham on 0419 561 927.



Keeper for a Day Programs

*Are you thinking of a career in working with animals? Would you like the opportunity to go behind the scenes with some precious and endangered Australian animals? Both **Healesville Sanctuary** and **Werribee Open Range Zoo** are running a ‘**Keeper for a Day**’ program these upcoming school holidays! Both programs are geared towards showcasing what it is like to work with animals and for students get to watch keepers and learn what a rewarding job they have!*

To find out more or to register for the Werribee Open Range Zoo Program, visit <http://www.zoo.org.au/werribee/whats-on/keeper-for-a-day>

To find out more or to register for the Healesville Sanctuary Program, visit <http://www.zoo.org.au/healesville/whats-on/keeper-for-a-day>



University Terminology

Associate degree

A qualification requiring two years of full-time study, or part-time equivalent. You could count this towards a full bachelor degree.

Assumed knowledge

Some university courses assume you have studied certain subjects at school. It is best to do the recommended subjects to avoid getting behind at Uni. If you have not done them, you may be able to do a bridging course.

Bachelor degree

Also known as an undergraduate degree, this is the type of course Year 12's will apply for – your first degree. It requires three to four years of fulltime study, or part-time equivalent.

Bridging course

If you feel uncomfortable with your preparation for university study, or do not meet the assumed knowledge requirements, an intensive bridging course will help you get prepared.

Commonwealth-Supported Place

A university place awarded to eligible students, whereby the Australian Government pays for most of the cost. You will need to pay a portion of the cost, known as the student contribution.

Core unit

A subject you must complete as part of your degree.

Credit points

The value attached to a subject. You need to attain a certain number of credit points to complete your degree.

Defer

Guarantees your place at Uni, but delays enrolment for up to two years. You could take a gap year, volunteer or work and save some money.

Diploma

A qualification requiring two years of full-time study, or part-time equivalent.

Double-degree

Two degrees studied at the same time – it will take less time to complete them at once than if you did them separately.

Elective unit

A subject that counts towards your degree, but does not have to be related to your specialisation. The choice is yours!

Enrolment

Once you receive an offer into a Uni course, you'll be invited to register your subject choices.

Entry requirements

The minimum qualifications required for entry into a course, e.g., a minimum ATAR score, specific subjects or an audition/interview/folio.

Faculty

An academic department within a university, which specialises in a particular field.

Honours

An additional year of full-time study attached to your bachelor degree to allow for greater understanding and specialisation.

Lecture

A formal (and usually large) class conducted by an academic lecturer.

Major

A specialisation in your bachelor degree. You'll be able to tailor your major, and can usually complete more than one in a degree.

Minor

A sub-specialisation in your bachelor degree – usually four subjects.

Orientation

An introduction to university life, its facilities and your area of study before the start of your first semester.

Postgraduate

A qualification, usually following on from a bachelor degree, allowing for more in-depth research and specialisation. This may be a Master's degree or a PhD.

Prerequisite subjects

Year 12 subjects you must successfully complete to be eligible for entry into a course – there may be alternative entry options like completing a TAFE course or a university bridging course.

Recommended subjects

Year 12 subjects that will prepare you for your degree. If you have not completed one, you may be able to do a bridging course.

School

A department specialising in a particular field within the faculty (academic department) of a university.

Tutorial

A small class in which discussion and questions are encouraged. Tutorials are conducted in addition to lectures, and attendance may contribute to your final mark.

Undergraduate

When you start Uni, you will be an 'undergraduate' student, working towards your bachelor or associate degree – your first degree.

Unit

A subject within a course. Each subject, or unit, has a specified number of credit points that count towards your degree.

Work placement

Practical training in a work environment, which may be a part of your degree. Also may be called Industry Based Learning.



Certificate III in Engineering (Electrical/Electronic Trade)

Holmesglen Institute introduced this one-year, full time course to provide students with the practical skills and knowledge required for a **non-licensed** engineering electrical/electronic tradesperson employed in the manufacturing, mining, oil and sustainable energy industries. The skills developed at this level include *fault finding, service, modification of machinery and equipment and maintenance programming*. Students also learn about programming and commissioning of PLC, HMI screens, inverter drives, and automation systems. On successful completion of all units students are eligible to receive the nationally endorsed Certificate III in Engineering (Electrical/Electronic Trade). Also, on completion of this course, graduates can seek employment immediately as they do not have to complete an apprenticeship. Alternatively, graduates may choose to pursue further study in Certificate IV in Engineering, Certificate IV in Competitive Manufacturing and Certificate IV in Manufacturing Technology.

To find out more, call (03) 9209 5690, email Charles Vella at charles.vella@holmesglen.edu.au and/or visit:-
http://www.holmesglen.edu.au/careers/electrical_and_it_courses/certificate_iii_in_engineering_electrical_electronic_trade



Career as a Forensic Scientist

Forensic scientists apply scientific procedures and techniques to the examination of physical evidence that may assist in legal investigations.

A forensic scientist may perform the following tasks:

- identify illicit drugs
- analyse drugs and poisons in human tissue and body fluids, including blood alcohol results
- examine and compare materials such as fibres, paints, cosmetics, oils, petrol, plastics, glass, metals, soils and gunshot residues
- examine human and animal biological material to be compared with victims and suspects using DNA profiling
- conduct botanical identification of plant materials at trace levels and whole-plant identification (e.g. cannabis)

- conduct document examinations, both physical (e.g. handwriting, typewriting) and chemical (e.g. analysis of inks and papers)
- examine crime scenes
- identify firearms and ammunition (forensic ballistics)
- detect, enhance, recover and identify latent fingerprints, footprints, tool marks, shoe marks, tyre marks and tracks
- examine fire and explosion scenes to establish the origin and cause
- improve the clarity of and analyse audio recordings
- produce reports, appear in court and present scientific and/or opinion testimony accurately and in a manner which is readily understood by the court
- make presentations to a wide variety of audiences on the work of forensic scientists
- keep contact with, and provide advice to, police investigators, scientists and pathologists across a broad range of disciplines

A wide range of expertise is required in forensic investigations. A forensic scientist may specialise in chemistry, physics, biochemistry, molecular biology, botany, geology, metallurgy, pharmacology, toxicology, crime scene examination, firearms examination, fingerprint, and document examination.

Forensic scientists need to –

- ✓ have good communication skills
- ✓ be able to remain unbiased in the examination of potential court evidence
- ✓ be meticulous and capable of clear, logical and lateral thinking
- ✓ be able to work as part of a team
- ✓ demonstrate initiative and motivation
- ✓ have perseverance
- ✓ have good observation skills

To become a forensic scientist, students usually have to study science at university with a major in forensic science or forensic biology. To get into these courses students usually need a VCE pass and have the necessary prerequisite subjects.

The main employers of forensic scientists are state and federal government health departments and state, territory and federal police forces. The Australian Federal Police, through its Forensic and Data Centres Division in Canberra, employs forensic scientists in the disciplines of crime scene examination, fingerprint identification, firearms and ammunition identification, document examination, forensic biology and forensic chemistry.

Forensic science is a highly competitive industry. Some forensic scientists have had extensive experience specialising in a particular scientific field such as microbiology, chemistry or physics before moving into the forensic area.

Some courses offering studies in forensic science include –

Course	Institution	Prerequisites	ATAR 2012
Forensic Biotechnology	Charles Sturt University	There are no prerequisite studies	70.00
Forensic Science	Deakin University	Units 3 and 4—a study score of at least 25 in English (ESL) or 20 in any other English, and a study score of at least 20 in mathematics (any).	57.55
Forensic Science / Criminology	Deakin University	Units 3 and 4—a study score of at least 25 in English (ESL) or 20 in any other English, and a study score of at least 20 in mathematics (any).	66.75
Criminal Justice Administration	RMIT University	Units 3 and 4—a study score of at least 30 in English (ESL) or at least 25 in any other English.	85.40
Laboratory Medicine	RMIT University	Units 3 and 4—chemistry, and one of mathematics (any) or physics, and a study score of at least 30 in English (ESL) or at least 25 in any other English.	80.04
Psychology and Forensic Science - Arts	Swinburne University	Units 3 and 4—a study score of at least 30 in English (ESL) or at least 25 in any other English.	70.60
Psychology and Forensic Science – Social Science	Swinburne University	Units 3 and 4—a study score of at least 30 in English (ESL) or at least 25 in any other English.	66.25