Other key dates to remember:

<table>
<thead>
<tr>
<th>Date / Week</th>
<th>Event</th>
<th>Time / Location</th>
<th>Target Audience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term 3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tuesday 1st September – Week 8</td>
<td>Pathways into Deakin University via Gordon TAFE</td>
<td>Lunchtime Lecture Theatre -Will be cancelled if numbers are low</td>
<td>Year 12s but all year levels welcome.</td>
</tr>
<tr>
<td>Tuesday 8th September – Week 8</td>
<td>SEAS Support</td>
<td>Lunchtime Lecture Theatre</td>
<td>Year 12s</td>
</tr>
</tbody>
</table>

Upcoming Events & Open Days

- RMIT FLIGHT TRAINING DAY – at Point Cook. Meet flight instructors and learn about careers; 10am-4pm, Sun 23 Aug at RAAF Williams Base, Point Cook.
- Sun 30 Aug – ACU (Ballarat); Federation (Ballarat & Gippsland)
- The 16th Annual IBM EXITE CAMP Ballarat 2015 – Applications Extended: Introducing girls to the wonder and promise of careers in technology. This year the camp will be for four days: Monday 21st – Thursday 24th September For further information, please contact IBM liaison: Pearl Myers 0423 297 064 BEXITE@au1.ibm.com Sponsored by Federation University, IBM Global Workforce Diversity

Special Year 12 Reminders:

- University of Melbourne’s Victorian College of the Arts (VCA) early close date of 28th August 2015, 5pm relates to the following: B. Fine Arts - Animation, Dance, Film and Television and Screenwriting specialisations (no late applications will be accepted for Animation, Film and Television and Screenwriting).
- A reminder that La Trobe ‘ASPIRE’ applications close this month – 31st August 2015.
- Update from the Faculty of Medicine, Nursing and Health Sciences Interviews for medicine, physiotherapy, radiography & medical imaging will be held from 5 – 8 January 2016. Students are reminded that to be considered for these courses, they must make their VTAC application by 30 September 2015. These courses cannot be added to an applicant’s preference list after this date, due to the interview requirements.
- Any students considering a Fine Arts, Theatre/Drama or Folio and/or Audition type course will also need to ensure they meet any deadlines as directed by the institution.
- Internal SEAS Statement of Support Requests deadline is Friday 18th August 2015.
- Please submit and pay for a VTAC application before the end of Term 3.
Courses in Paramedicine

Deciding to become a paramedic is a life-changing decision. For many the first decision they want to make is to decide what type of paramedic training they need. There are different types of paramedics – visit Types of Paramedics. Being a paramedic is about a lot more than lights and sirens and rushing to help someone in need. Paramedics perform clinical procedures, administer drugs, maintain patient records and decide the most appropriate medical facility to take someone to. It is a requirement of Ambulance Victoria for applicant’s applying for the Graduate Ambulance Paramedic program, to be currently undertaking or to have graduated from a recognised Ambulance qualification at an Australian or New Zealand University. The university course is usually a 3-year and teaches students the fundamentals of their medical training including anatomy, biology and physiology. The following Victorian universities offer courses that are recognised by Ambulance Victoria:

- Australian Catholic University
- Monash University
- La Trobe University
- Victoria University

Find out more by browsing the Ambulance Victoria website at Paramedics

University of Wollongong Bachelor of Pre-Medicine, Science and Health

The University of Wollongong (UOW) offers a 3-year Bachelor of Pre-Medicine, Science and Health as a pathway to graduate medical studies. The course is designed to give high-achieving students an excellent preparation for graduate medical studies at UOW or other institutions. The strengths of the course are:

- A Foundations for GAMSAT subject in first year
- A choice of one of nine possible majors or minors in science or health that lead to other postgraduate study and career paths whilst allowing students to concurrently pursue entry to graduate medical studies
- Access to enrichment and professional development activities to enhance their interpersonal skills, demonstrate their ‘service to society’ and develop an impressive Portfolio which is required on application to graduate medical studies at UOW
- A core capstone subject in third year - Integrated Science in Medicine - delivered in the same case-based learning format used by graduate medical schools, it brings together all earlier learnings through clinical scenarios related to medicine and health
- Guaranteed interviews for the top 12 performing domestic students and the top 12 performing international students who meet the admission criteria for the UOW Bachelor of Medicine Bachelor of Surgery (MBBS) at the Graduate School of Medicine (GSM)

Applicants need an indicative ATAR of 95 and have studied mathematics and chemistry, with biology being recommended. Students must apply through www.uac.edu.au and the UAC course code is 757500.
The University of Wollongong (UOW) has an early admissions program allowing students to earn a place in some UOW degrees before sitting their final exams and this course is one of them - UOW Early Admissions. Applications for the Early Admissions Program are open and close on Friday 28 August 2015 at 5.00pm.

Find out more about eligibility for the Bachelor of Pre-Medicine, Science and Health at Bachelor of Pre-Medicine, Science and Health at UOW. For frequently asked questions about this degree, visit FAQs about Bachelor of Pre-Medicine, Science and Health.

Associate Degree in Education

The Deakin University Associate Degree of Education is a two year, full time program specifically designed for students who would benefit from a supported entry to tertiary study. The course provides a pathway into university and articulates into the Bachelor of Education (Primary) with up to 18 months credit for prior learning. The Associate Degree may also be taken as a stand-alone qualification. This course is targeted at students who do not satisfy the usual university entry requirements including students who have completed Year 12 but have achieved an ATAR score which is insufficient to gain normal entry into the bachelor degree. This is an excellent option for some students and students are encouraged to browse the following links to find out more:

Associate Degree in Education
Associate Degree in Education PDF

Applications are to be made directly to Deakin University - Apply

2016 Year 10 Work Experience Opportunities

Thank you to the students who submitted an application to be considered for a work experience placement at Zoos Victoria and Victoria Police. The school has received your application and will be finalising the nominees this week. Remember, that school nominees do not guarantee a placement and final decisions will be made by the relevant organisation’s recruitment processes.

Other Year 9 students are still encouraged to seek opportunities for 2016 and are reminded to use the materials found on the Year 9 Tutor Group site on Moodle.
Career in Urban and Regional Planning

Urban and regional planners (often also called Town Planners) develop policies and plans for the use of land and resources. They advise on the economic, environmental, social and cultural needs of particular localities or regions as they relate to the built environment and the community. They also work on large-scale projects such as new suburbs, towns, industrial areas, commercial and retail developments, urban renewal projects and transportation links.

Urban and regional planners may perform the following tasks:

- Develop long-range objectives to cope with growth and change, in consultation with affected communities.
- Perform surveys and site inspections.
- Compile and analyse information on physical, economic, social, legal, political, cultural and environmental factors which affect land use.
- Discuss plans with local communities, private companies and government organisations.
- Consider new developments or re-developing areas and advise state and local governments on planning issues for projects such as new suburbs, transportation links, industrial estates, retail complexes and housing developments.
- Draw up plans for development or re-development and evaluate proposals in terms of benefits and costs, recommending how schemes can be carried out.
- Prepare urban and rural subdivision plans, taking into account various land uses, including residential, public open space, schools and shops.
- Prepare and coordinate economic, social and environmental impact studies.

Planning is a broadly based discipline and it is possible to specialise in a wide range of fields, including strategic planning, urban design, environmental impact assessment, residential planning, commercial and industrial planning, heritage planning, tourism planning and social planning.

Successful planners need to –

- Be interested in social, economic, environmental and cultural issues.
- Have good oral and written communication skills.
- Be able to produce detailed and accurate work.
- Have good analytical and problem-solving skills.

To become an urban and regional planner students usually have to study urban, regional, community and/or environmental planning at university. Students may also consider other degrees that emphasise related fields of architecture, economics, environmental management or science, geography and sociology.

Entry to these courses requires students to attain their VCE and a year 12 maths is highly recommended.

It is important to note that degree studies in urban and regional planning are necessary for professional recognition by the Planning Institute of Australia (PIA).

Visit Urban and Regional Planner for further information.

sourced from the Job Guide - Job Guide
Victorian universities that offer courses in Urban and Regional Planning include –

Deakin University
Bachelor of Planning (Honours)
Planning

La Trobe University
Bachelor of Urban, Rural and Environmental Planning
Urban, Rural & Environmental

RMIT University
Bachelor of Social Science – Environment
Bachelor of Environmental Science
Bachelor of Urban and Regional Planning
Environment and Planning

University of Melbourne
Bachelor of Environments
Environments - Urban Design and Planning

News from the University of Tasmania (UTAS)

➢ Relocation Scholarship
The University of Tasmania (UTAS) also invites the best and the brightest from across Australia to apply for a Relocation Scholarship. The scholarship is designed to encourage high achieving interstate students to study Law at the University of Tasmania by assisting with the financial costs of moving to Tasmania. The scholarship consists of a once-off payment of approximately $5,000 and is awarded automatically to eligible students who accept an offer and enrol to study law at UTAS.

To be eligible to be considered for this scholarship, students must –

✓ Be a new/commencing University student
✓ Have recently completed year 12
✓ Have achieved an ATAR of 90 or above (or the equivalent)
✓ Are enrolled in a direct entry Bachelor of Laws or Combined Degree with Law at the University of Tasmania as of the applicable census date

For further information please contact the Faculty of Law Executive Officer at Kira.White@utas.edu.au or visit Law Relocation Scholarship
Alternative Pathways to Medicine

UTAS has a number of pathways to medicine including a pathway through one of the following degrees at UTAS:

- Bachelor of Biotechnology and Medical Research
- Bachelor of Health Science
- Bachelor of Biomedical Science
- Bachelor of Science
- Bachelor of Pharmacy
- Bachelor of Environmental Science

Each year UTAS gives MBBS entry to students who have studied one year full-time in one of these degrees at the University of Tasmania. To be considered for this option students will need to apply into the MBBS demonstrating a distinction average (70%) achievement in one of the degrees listed, a competitive UMAT score and completion of MBBS pre-requisite subjects. This option is not available to international applicants. Students interested in this option will need to put one of these degrees down as their second or third preference when applying for the MBBS.

To find out more about this and other pathways visit [Pathways to Medicine at UTAS](#)

Applications to the University of Tasmania for students commencing in Semester 1, 2016 are now open! Visit [UTAS Admissions](#) to find out more!

Difference between Electrical and Mechanical Engineering?

Students often ask what the difference is between electrical engineering and mechanical engineering. There are many explanations regarding the difference and the summaries below should provide some clarification.

Actually Mechanical Engineering and Electrical Engineering are near polar opposites in the engineering world. Mechanical Engineering is based on the mechanics field of physics, while Electrical Engineering is based on the electricity and magnetism field of physics. I have made things quite simple here. If you love solving problems in mechanics portion of physics then definitely mechanical engineering is for you and if you feel attraction in solving problems in electricity and magnetism then electrical engineering can be a right choice for you. (Vikash Gait).

**Mechanical Engineering**

Mechanical engineers plan, design and oversee the development, installation, operation and maintenance of machinery. They conduct research to solve practical engineering problems and improve efficiency. (Sourced from the Job Guide - [Job Guide](#))

In fact, it has to do with the design of any mechanical system and the assembly of different mechanisms to form a machine. This can be combined with other elements, such as the study and effect of heat in motion (Thermodynamics), the flow and application of compressible and incompressible fluid (Fluid Mechanism), mechanical design and computer/electronics engineering with the application of automatic control. (Mechatronics) etc.
Electrical Engineering

Electrical engineers design, develop and supervise the manufacture, installation, operation and maintenance of electrical systems. They work on systems for the generation, distribution, utilisation and control of electric power. They also work on electronic systems used for computing, communications and other industrial applications.

(Sourced from the Job Guide - Job Guide)

Electrical Engineering involves the design and study of electronics, power, and electrical systems. Electrical Engineering deals with the problems associated with large-scale electrical systems such as power transmission and motor control. So, Electrical Engineers are usually concerned with using electricity to transmit energy. So, a simple analogy: being a mechanical engineer you will learn to build a car’s body and engine, while being an electrical engineer you will be able to handle/build/manager the car’s battery. (Vikash Gait)

Read more at Mechanical vs Electrical Engineering

NIDA - National Institute of Dramatic Art (NIDA)

The National Institute of Dramatic Art (NIDA) is an internationally recognised institute that offers education and training in a range of courses including acting, writing, staging, movement, voice, costume, and production design. All application, audition, interview and project requirements for NIDA’s tertiary programs are now available on the NIDA website. Visit NIDA to learn more!

Applying to study at University in NSW or ACT?

If you are making an application to study for an undergraduate degree in NSW or ACT, then you may be eligible to apply for an alternative entry scheme known as the School’s Recommendation Scheme (SRS). Many higher education providers from the NSW and/or ACT realise that the ATAR is not always the best measure of a student’s ability to succeed at university. Participating institutions enables schools to nominate their students for a university offer based on criteria other than an ATAR. Any Year 12 student making a course application to an institution in NSW and/or ACT should do so via the Universities Admission Centre (UAC) - http://www.uac.edu.au/ as well as check the SRS site http://www.uac.edu.au/srs/ to see if their institution participates in this scheme. Successful SRS applicants will receive an early offer. Note deadlines for SRS applications close on 30 September 2015.
The Puggy Hunter Memorial Scholarship Scheme is available to encourage and assist Aboriginal and/or Torres Strait Islander students who are studying a health-related course – in one of the following disciplines:

- allied health
- dentistry/oral health
- medicine
- midwifery
- nursing

The scholarships are worth up to $7,500 per year for part-time study, and $15,000 per year for full-time study for the normal duration of the course. These are competitive scholarships and will be awarded on the recommendation of the independent selection committee whose assessment will be based on how applicants address the questions in the application.

Applications are now open and will close on 12 October 2015. Late applications will not be accepted under any circumstances. Visit Puggy Hunter Memorial Scholarship Scheme to find out more and to apply.

Other Year 12 Scholarships
Year 12 Students are encouraged to view the Scholarships and Bursaries guide available on the Careers section of the student ‘My BMG Portal’. Please note that this resource will be updated continually as more scholarships/bursary feature, so please check the resource from time to time.

Mrs Wu-Tollis & Mrs Richardson