

Medicine & Dentistry Students

Late last year it was announced that the UMAT (Undergraduate Medical and Health Sciences Admission Test) is being replaced with the **UCAT (University Clinical Aptitude Test)**. For students wishing to study Medicine at Monash or Medicine, Dentistry or other Clinical Science courses at a university interstate in 2020, it is important you learn more about the UCAT test and the universities that require you to sit the test. Test preparation is very important and there are many workshops, practice exams, books and resources to help you become 'exam ready'.

You will need to create an online registration and book yourself in for a test.

Important dates to note:

1. Online Account Registration

Registration opens: 1st March at 9am

Registration closes: 16th May at 5pm AEST

2. Booking a Test

Booking opens: 1st March at 9am

Booking closes: 17th May at 5pm AEST

3. Actual Test Dates

Testing begins on the 1st of July and the last testing date is the 31st of July.

4. Release of results to universities

Early September 2019.

It is beneficial to commence preparation even as early as Year 10 and Year 11 if you are confident that you will be applying to enter the world of medicine. The NIE runs various workshops and seminars to help with test and interview preparation. A very popular day is their '**Simulated UCAT Day Workshop**' which covers fundamental techniques in navigating all five sections of the newly introduced UCAT test. After the tutorials, students sit a trial test and then have the opportunity to ask questions with or without their parents. Places for this workshop are limited so you will need to register as soon as possible.

The details of the 'Simulated UCAT Day Workshop' are:

Dates and locations: The earliest day workshop in Victoria is Thursday 18th April in Richmond.

For further dates visit - <https://www.nie.edu.au/ucate-courses/simulated-ucate-day-workshop>

Workshop Duration: 9am – 6pm

Price: \$279 (Lunch and refreshments provided).

Or you can read more about UCAT by visiting:

<https://www.nie.edu.au/about-ucate/what-is-ucate>

FOCUS ON EARLY INFORMATION SESSIONS FOR TAFE AND UNIVERSITY

Apart from meeting with your careers coordinator early in the year, it is a great idea to attend information sessions run by **vocational and university institutes**. Many run focus days and information seminars throughout the year, and most run **Open Days in August and September**.

By attending information sessions, you and your family will be able to do the following:

- Speak directly to current students and lecturers about the courses you are interested in.
- Look around the campus and get a feel for the culture of the institution (e.g., does it have a modern or traditional feel? Do you think it would be easy to meet people? Would you prefer to study at a small or large campus?).
- Learn about scholarships, course costs, government fee assistance, global exchange programs and accommodation options.
- Ask about alternative pathway programs available in case you don't get the ATAR you need for your course.
- Attend workshops and sessions on the courses you are interested in and compare facilities and student services between institutions.

Attending information sessions will assist you in setting new career goals or firming up ideas you already have. Having a course or courses in mind can also assist you in feeling more motivated to work hard at school.

Information sessions are usually free and you may have to register. Start to map out session dates on a calendar and pick the ones you will be able to attend. Here are some tertiary information session dates to get you started:

Charles Sturt University- 'Explore Day' seminars: Explore Day's showcase over 40 courses at 6 campuses. The upcoming Explore Day at Wagga Wagga in April will focus on courses in Animal Science, Veterinary Science, Equine Science, and Veterinary Technology. For information on dates, go to, <https://bit.ly/2GmQV1b>

Monash University- 'Inside Monash' seminars. These events showcase different courses and faculties within the University. Dates run over several months and students have to book in advance. For information on dates, go to <http://bit.ly/2ki2NYw>

Monash University - Information Evenings. Staff from Monash will be visiting regional areas during the year to meet with prospective students and their families. The next event will be held at Mildura on the 19th of March. For information on dates and locations, go to <https://bit.ly/2pt8nsT>

The University of Melbourne – 'Meet Melbourne': Representatives from the University will be running online information sessions to advise students and parents about courses, graduate outcomes, housing options, scholarships and student services. Online sessions will be held on the 12th and 14th of March and are open to prospective students and their families. For information and to register, go to <https://bit.ly/2S7X2Zn>

The University of Melbourne - A Day at Melbourne: This event is being held during the Term 1 holidays for Year 10 students. You will learn about:

- Undergraduate degrees and graduate pathways
- Admissions and entry requirements
- Access Melbourne and Melbourne Scholarships
- Accommodation options
- How parents can help with the transition to university.

The event will be held on the 12th of April. Information hasn't been released yet but you can book-link the following page for updates, <https://bit.ly/2S7X2Zn>

Experience Clever at La Trobe University: These events are designed for future students to get a taste of what it's like to be a La Trobe student for a day. You will be able to: chat with staff and course advisers, participate in structured workshops focused on your desired career/course and talk to student ambassadors about studying at La Trobe. Parents are welcome. Upcoming dates are as follows:

- Melbourne – Friday 12 April and Friday 5 July
- Albury-Wodonga – Friday 31 May
- Bendigo – Wednesday 3 July

For more information and to register your interest, go to <http://bit.ly/1Rilhxz>

Interested in nursing? The Australian College of Nursing is hosting a Nursing and Health Expo on Saturday 27 April at The Melbourne Convention and Exhibition Centre between 8.30am – 1.30pm. You will be able to:

- Meet a range of nursing and health organisations
- Explore career pathways
- Find out about educational opportunities

For more information, go to <https://bit.ly/2lw332H>

Year 11 Students: Swinburne Early Learners Program

If you're in Year 11 this year and keen to prepare for your transition into university and be recognised for your extra-curricular activities, then continue reading!

The Swinburne Early Leaders Program is made up of one core certificate and three elective certificates. The core certificate is a research/academic certificate which encourages you to self-reflect on how prepared you are for future study and also helps with developing strategies for future academic programs. The three electives to choose from are; 'Creativity', 'Community Engagement' and 'Career Development'.

This program is designed to help you build your life skills and confidence, increase your employability and gain recognition for future study options. Activities are offered on campus, but you can also complete the entire program online if preferred. You can also complete the program at your own pace throughout the year as long as you finish it by the early October deadline. In addition, **students who successfully complete the**

'Early Leaders Program' will receive additional aggregate points towards their ATAR when they apply to study at Swinburne.

To register your interest, complete the form online at

<https://www.swinburne.edu.au/study/options/other-programs/early-leaders-program/> . But be sure to do this as soon as possible as the program starts in late February.

Got questions? You can email them across to earlyleader@swinburne.edu.au. Good luck!

Australian Catholic University (ACU) Update

Discontinued course - ACU will no longer be running their 'Bachelor of Media Production' course and are replacing it with two alternative courses which offer a major in media and a minor in communications. 'Bachelor of Arts' and 'Bachelor of Creative Arts' are being offered at ACU's Melbourne campus.

The '**Community Achiever Program' (CAP)** which was previously known as the 'Early Achiever Program' offers future students who are active in their community early entry to their undergraduate course of choice.

Applications for the 2020 program open on Wednesday May 1st and close on Wednesday 14th August (Melbourne) and Wednesday 28th August (Ballarat).

For more information on ACU's CAP program please visit <https://www.acu.edu.au/study-at-acu/admission-pathways/i-volunteer-regularly>

Sports and Exercise Science courses now accredited - ACU have announced that their Bachelor of High Performance has acquired a Level 2 'Strength and Conditioning Coach' accreditation and their Bachelor of Exercise and Sports Science has acquired Level 1 accreditation with the Australian Strength and Conditioning Association (ASCA). This means that students will be eligible, depending upon electives chosen, to complete specific practicum placements and upon course completion, be able to apply for accreditation with the ASCA who is the peak national body for strength and conditioning professionals in Australia.

Melbourne University Update

Melbourne University are now offering a new flagship equity scholarship – '**The Hansen Scholarship**' starting next year in 2020 and the applications open shortly on March 1st.

The program includes benefits for high-achieving domestic students who may otherwise struggle financially to access higher education. It offers free accommodation, living allowances, funds for an international exchange, internship or voluntary opportunity, plus a tailored enrichment program including academic orientation, study skills, mentoring and cultural activities. But it's not just about academic achievement. This scholarship will reward students who have shown they can overcome obstacles and conquer adversity, and who are driven to help others.

Check out the information sessions that are being held in Ballarat, Bendigo, Shepparton and Melbourne in late February and early March. The details can be found here:

<https://scholarships.unimelb.edu.au/hansen/events>

You can also get a head start with your application by previewing the form now and starting to gather the documents you'll need to submit. To view this click here: <https://unimelb-scholarships.smartygrants.com.au/2020-hansen>

Monash University Update

The Monash Motorsport Student Team, in conjunction with the Confederation of Australian Motorsport (CAMS), is running a **Motorsport Experience event** on 23rd February at the Clayton campus and would like to extend an invitation to students to attend.

This year marks the second Motorsport Experience event which provides visitors with a range of interactive activities involving Monash Engineering teams. The event will include; tours and workshops from Monash Human Power and Unmanned Aerial Systems teams, a presentation from Holden engineers, and a live demonstration of the Monash Motorsport car. This day showcases the passion and keenness that Monash students have towards STEM education and is one not to miss!

The details are:

Date: Saturday 23 February

Location: Clayton Campus.

Time: 9am-2:30pm

Places are limited – So for all enquiries to: cams.event@monashmotorsport.com

Monash Information Sessions

Discover more about what Monash has to offer including:

- Study areas
- Undergraduate course types
- International opportunities
- How to apply
- Scholarships and fees
- SEAS and the Monash Guarantee
- Accommodation options

When: Running from March until September.

Time: 6.30pm – 8pm.

Where: Sessions will be held at various locations across Victoria. Please visit: <https://www.monash.edu/information-evenings> to find out more and to register.

VOCATIONAL & HIGHER EDUCATION NEWS

Interested in studying hair, beauty, fashion and/or make-up? The Masters Institute of Creative Education is Australia's only integrated creative education provider offering vocational courses in hair, beauty, fashion and make-up and a Bachelor degree in Fashion Business. Courses are offered at Melbourne and Sydney. An information session is being run at the Melbourne campus on Thursday 21 February. For information on courses and to RSVP for the information session, go to <https://themasters.institute/>

Passionate about all things automotive? Have you considered a career working with cars? Vantage Automotive is an organisation dedicated to assisting students to forge a career in the automotive industry. They work with Volvo, Skoda, Audi, Jaguar, Land Rover and Volkswagon. To read about the amazing work they do and student testimonials, go to <http://bit.ly/1MLU82s>

Careers in the Defence Force: There are many occupations in the Defence Force that you may be suited to. Your ability to apply for the occupation of your choice will be affected by your level of education, the subjects you have studied at school and your age. To narrow down which occupations you can apply for, use the Defence Force "Job Finder". You just enter your personal details and select your general career interest areas and a list of jobs will be generated. Go to www.defencejobs.gov.au/ You can also watch videos about different occupations and the recruitment process at this link - <http://bit.ly/1vdEGtY>

Australia National University (ANU) - applications open soon for courses, accommodation and scholarships: From March, Year 12 students who are planning to study at ANU in 2020 (or defer their studies until 2021) will be able to apply for courses, accommodation and scholarship in the one online application direct to the university. Students will be unable to apply for ANU courses via the Universities Admissions Centre later in the year. For information on dates and the new admissions process, go to <https://bit.ly/2WVbyHn>

Interested in agriculture and/or veterinary science? To keep up to date with news and course information at the University of Melbourne Faculty of Veterinary and Agricultural Sciences:

- Follow the news blog at <https://bit.ly/2SUAjnX> and
- Join the Pre Ag Club at <http://bit.ly/1XZ6E6H>

Do you have a passion for science and the ocean? Have you considered studying one of the amazing programs at the Australian Maritime College located in Tasmania? They offer courses in:

- Ocean & coastal seafaring
- Maritime engineering – marine & offshore systems; ocean engineering; naval architecture
- Marine Engineering & Marine Electrical Engineering
- Nautical Science
- Global logistics and maritime management

To learn about their programs, go to www.amc.edu.au/

Interested in Asian Studies? Australia National University (ANU), Canberra, has a wide range of scholarships available to assist their students studying Asian Studies to undertake overseas exchange placements.

- Click here for a full list of scholarships - <http://goo.gl/rVRAuF>

- Click here to read stories from ANU students undertaking the Year in Asia program - <http://goo.gl/u9C3MS>
- Click here for information on their Asian Studies courses- <http://goo.gl/srLv22>

You can study an undergraduate major in Asian Studies at the following Victorian universities:

- La Trobe University: <http://bit.ly/2m2ugdL>
- University of Melbourne: <http://bit.ly/2mdcbJs>

And you can study Asian languages at all Victorian Universities. The following are two course examples:

- Deakin University: Bachelor of Arts (major in Chinese/Bachelor of Commerce, <https://bit.ly/2SE6vwO>)
- Monash University: Bachelor of Global Studies with a Major in Global Cultural Literacies, <https://bit.ly/2tg3u6w>

If the university you would like to study at doesn't offer the Asian language you are interested in, they may allow you to co-enrol with another university that offers the language.

FOCUS ON BIOMEDICAL ENGINEERING

Do you love maths, science and health? Have you considered studying biomedical engineering? "Biomedical engineering sits at the intersection of technology and human biology – applying the latest developments in computing, robotics and nanotechnology to medicine to ensure a better life for all of us.

Biomedical engineers create new technologies that improve disease diagnosis, find new and better ways of patient monitoring, revolutionise medical treatment and so much more".

You can specialise in areas such as:

- Biomechanics
- Biosignal Processing
- Medical Imaging
- Biomaterials
- Neural Engineering
- Computational Modelling
- Tissue Engineering
- Surgical Instruments and Medical Devices
- Telehealth

“If you’re fascinated by human anatomy and curious about artificial intelligence and robotics then you’re going to love exploring biomedical engineering”. UNSW have put together a website featuring different types of biomedical engineering and profiles of students and alumni, <http://bit.ly/1oWGNAd>

The following are examples of biomedical engineering courses:

- University of Melbourne: Master of Engineering (Biomedical), <http://bit.ly/2kCNOIM>
- RMIT: Bachelor of Engineering (Biomedical) (Honours), <http://bit.ly/2eFbRji>
- Monash University: Master of Advanced Engineering (Medical Engineering), <http://bit.ly/2Hq14Z3>
- Swinburne University: Bachelor of Engineering (Honours) majoring in Biomedical Engineering, <http://bit.ly/2sAOp27>
- University of Newcastle: Bachelor of Medical Engineering (Honours), <http://bit.ly/2CsWRA7>
- UNSW: concurrent Bachelor of Engineering degree (e.g., Electrical) with a Master of Biomedical Engineering, <http://bit.ly/2EMbDap>

For all Students...

Melbourne Career Expo 2019

You can learn about; employment opportunities, university and training placements, skills industry and government initiatives and receive career advice.

When/Times:

Friday 26th July (10am – 3pm)

Saturday 27th July (10am – 4pm)

Sunday 28th July (10am – 4pm)

Where: Melbourne Convention & Exhibition Centre - 2 Clarendon St, South Wharf.

Admission: Free!

For enquiries phone: 03 9620 9920 or visit

<http://www.careerexpo.com.au/>

For Year 9-12 Students...

South East Careers Expo & ‘Try a Trade’

Here, there are over 100 exhibitors including universities, Tafe's, RTO's, government agencies, community providers and more.

When: Tuesday 2nd April

Time: 9am – 2pm

Where: Cranbourne Racecourse

Admission: Free!

For more info please visit: www.sellen.org.au or call 9794-6921.

For all VCE Students...

2019 VCE and Careers Expo

Learn about; VCE subjects, tertiary courses
careers,
and

gap year

When: Thurs

Saturday 4th &

Where: Station
Caulfield.

Admission: \$10

Family and
available.

For details visit: <https://www.vceandcareers.com.au/>



employment opportunities

options.

2nd & Fri 3rd May (9am-3pm)

Sunday 5th May (10am-4pm)

St, Caulfield Racecourse,

online p/p or \$12 at the door.
school group options

'Succeeding in VCE'

This is an annual fundraising event designed to provide students with the skills and information needed to help maximise VCE marks and ATAR scores.

When: Sunday 17th and Saturday 23rd February.

Where: University of Melbourne

Admission: \$10 donation (for each day) which goes directly to the Fred Hollows Foundation.

For full details: <http://www.tsfx.com.au>

Career Focus – Architect

Architects use creativity and practical understanding of structures and materials to develop concepts, plans, specifications and detailed drawings for buildings and other structures. They negotiate with builders and planning authorities, administer building contracts and inspect work that has been carried out.

As an architect, it is helpful to be creative, have an aptitude for design, be able to analyse problems logically and have good communication skills

Architects are responsible for:

- Meeting with clients or builders to discuss their requirements and prepare a design brief.
- Preparing sketches, production drawings and detailed drawings by hand or using computer-aided design (CAD) software.
- Combining structural, mechanical and artistic elements into a builder's design, such as decks, atriums, lifts, air conditioning systems and decorative finishes
- Discussing designs and cost estimates with clients and others involved in the project.
- Obtaining necessary approvals from authorities.
- Preparing specifications and contract documents for builders, tradespeople and legal advisers.
- Evaluating projects once they are completed and occupied.

Architects may also be involved in project feasibility studies, strategic asset investigations, heritage studies, urban planning, interior design or landscape design. Architects often specialize in particular types of work, such as domestic, low-rise commercial, high-rise commercial, industrial, conservation and heritage buildings. Architects need to keep up with changing trends in the construction industry and the community. They have considerable contact with the public.

To become qualified as an Architect, you will have to complete an accredited degree in architecture. This usually consists of a degree in arts or design with a major in architecture, followed by a Master of Architecture. To gain entry into degree courses, you usually need to have completed your VCE and prerequisite subjects in one or more of English and Mathematics are normally required. Applicants may also be required to demonstrate basic freehand drawing ability and computer skills. For information on bachelor degrees and postgraduate courses please contact your preferred institutions for further information.

Following training, Architects are required to register with the Architects Registration Board in the relevant state or territory in which they intend to practice. So to apply for registration, you must first complete your accredited architecture degree and have two years of monitored experience with an architectural firm. Then you sit an examination in an architectural practice set by the Architects Accreditation of Australia (ACAA).

Once qualified, most architects work in firms or for businesses that have large construction programs. Many start their own practice after a few years of experience. As architectural training develops the ability to combine art, science and technology, many architects increasingly find work in areas outside of architecture, such as urban planning and design, property development, construction management, interior design, industrial design, teaching, research and journalism.

Here are some relevant website links:

www.aaca.org.au

www.architecture.com.au

Please see below a list of institutions in Victoria that offer bachelor degree's along with a VET option at Swinburne University:

Institution/Campus	Course/Duration	ATAR
Deakin University		
Geelong Waterfront	Bachelor of Design (Architecture) – 3 years	70.05
Geelong Waterfront	Bachelor of Design (Architecture)/Construction Management (Honours) - 5 years	78.30
Monash University		
Caulfield	Bachelor of Design (Architecture) – 3 years	70.00
Caulfield	Bachelor of Architectural Design and Master of Architecture – 5 years	80.00
Caulfield	Architectural Design/Architecture (Indigenous Entry) – 5 years	65.00
Clayton	Bachelor of Civil Engineering (Honours) and Bachelor of Architectural Design – 5 years	92.00
RMIT University		
City	Bachelor of Architectural Design - 3 years minimum duration	RC
City	Bachelor of Landscape Architectural Design – 3 years	RC
Swinburne University		
Hawthorn	Bachelor of Design (Architecture) - 3 years	RC
Croydon & Hawthorn	Advanced Diploma of Building Design (Architectural) – 2 years (VET)	PTR
Hawthorn	Bachelor of Design (Interior Architecture) (Honours) – 4 years	77.10
University of Melbourne		
Parkville	Bachelor of Design – 3 years/Master of Architecture – 2 years minimum	98.00
Parkville	Bachelor of Design –3 years/Master of Landscape Architecture – 2 years	96.00

Note:

* Length of study period is based on minimum duration with a full time study load. Part-time options may also be available.

* ATAR is based on the lowest selection rank plus any adjustment factors.

* NA – Not applicable.

* PTR – Pre-training review.

* RC – Range of criteria (e.g. interview, portfolio).

* As subjects and course structures can vary between institutions, it is necessary to contact your chosen institution for further

DATES FOR YOUR DIARY

FEBRUARY

- **21: Information Night**, Masters Institute of Creative Education, Melbourne, <https://themasters.institute/>
- **25, 27, 28: Hansen Scholarship Program Information Evening**, University of Melbourne. Ballarat (25), Bendigo (27), and Shepparton (28), <https://bit.ly/2tqoveP>

MARCH

- **6: Hansen Scholarship Program Information Evening**, University of Melbourne, Parkville, <https://bit.ly/2tqoveP>
- **8: Latitude Global Volunteering**, priority deadline applications due, <https://latitudeaustralia.org/>
- **12, 14: Meet Melbourne**, University of Melbourne. Online information sessions, <https://bit.ly/2S7X2Zn>
- **19: Monash University Information Evening**, Mildura, <https://bit.ly/2pt8nsT>
- **27: Inside Monash Seminar**, Monash University, Clayton, Business, <http://bit.ly/2ki2NYw>

APRIL

- **3 - 30: Inside Monash Seminars**, Monash University, MD & Biomedical Science (3), Science (4), Criminology (30), Law (30), <http://bit.ly/2ki2NYw>
- **12: Experience Clever Day, La Trobe University**, Melbourne campus, <http://bit.ly/2p07y7b>
- **12: A Day at Melbourne**, University of Melbourne, Parkville. Information to be released, <https://bit.ly/2tqoveP>
- **18: Simulated UCAT Day**, NIE, Adara Richmond, <https://bit.ly/2UY8SHx>
- **27: Nursing Careers Expo**, Australian College of Nursing, Melbourne, <https://bit.ly/2lw332H>

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