

CAREER NEWSLETTER

Week 9 - Term 2, 2018.

FOCUS ON SPORT COURSES

Sports Physiotherapists: are qualified physiotherapists who have undertaken further specialised training and education. They assess and diagnose sports related injuries and develop a treatment plan, which may include hands-on therapies and exercise plans.

Where can I study undergraduate physiotherapy in Victoria?

- Monash University, [Bachelor of Physiotherapy \(Honours\)](#),
- La Trobe University, [Bachelor of Applied Science/Master of Physiotherapy Practice](#),
- Charles Sturt University, [Bachelor of Physiotherapy](#),
- Australian Catholic University, [Bachelor of Physiotherapy](#),

If you are concerned you won't achieve the ATAR to gain entry into an undergraduate program, you can study graduate entry physiotherapy in Victoria at:

- University of Melbourne, Doctor of Physiotherapy, 3-year program.
- La Trobe University, Master of Physiotherapy Practice, Melbourne and Bendigo, 2-year program.

You will need to complete an undergraduate degree in an area such as exercise science, biomedical science or general science. You should pick a degree that will have subjects in human anatomy and physiology.

There are two ways to become a fully qualified sports physiotherapist- via an academic pathway or an experiential pathway. For information, go to www.physiotherapy.asn.au/

Clinical Exercise Physiologists: develop exercise plans and services for people living with or being at risk of illnesses such as cancer, mental illness, cardiovascular disease, neuromuscular/ neurological disease, respiratory disease, chronic pain and musculoskeletal pain.

From Exercise and Sports Science Australia (ESSA): "Exercise Physiologists are the most qualified health professional to prescribe exercise for people with chronic disease".

Video about clinical exercise physiology developed by Deakin University- <http://bit.ly/1TvZuWz>

How do I become qualified in Victoria?

- You must first complete an ESSA approved undergraduate degree.
- You must then complete an ESSA approved Graduate Diploma or Master of Clinical Exercise Physiology, meet all of the required knowledge and skills criteria and have completed the required 500 hours of approved practicum, as outlined by ESSA.

For a list of approved courses and courses pending accreditation, go to <http://bit.ly/2qfCvaU>

Sport Management: is for students who have an interest in both sport and business (including management, marketing, elite athlete management, events, facilities management, tourism, accounting etc.). Different institutions offer different majors or specialisations, so make sure you do your research.

Sports Engineers: design and develop sports equipment and apparel; design products and develop

solutions to enhance the performance of athletes; and are at the forefront of designing new sports technologies for elite athletes. Students typically study human movement sciences, and electronic, mechanical and software engineering.

Sport and Recreation Management: students can typically specialise in areas such as outdoor recreation, recreation management, tourism, facilities management, policy development and events management.

Sports Development: students learn how to promote sport in the community and increase the level of participation in sports for different cohorts such as young people and people with disabilities. Sports development officers create new and innovative sports programs or work for existing organisations to run their programs in the community (i.e., AusKick)

Sports Journalists: undertake research on sporting events and issues and report on them via various media mediums (e.g., print, broadcast, radio). Students generally have to complete a journalism degree with a sports specialisation within the degree or as a graduate program.

Other sports careers include Sports Psychology, Exercise Rehabilitation, Sports Coaching, Physical Education Teaching, Fitness and Personal Training, Sports Science etc.

To search for sports related courses and university prerequisites, search the Good Universities Guide course finder at- <http://bit.ly/1N6a3Pk> or the Victorian Tertiary Admission Centre (VTAC) archived search at www.vtac.edu.au/

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VOCATIONAL AND HIGHER EDUCATION NEWS AND EVENTS

Australian Jobs 2018 Released

Australian Jobs is one of the country's foremost jobs publications. It provides an easy-to-read overview of industry and occupation trends in the labour market and is designed to meet the needs of students, career advisers, people looking for work and those involved in the national employment service.

This year's edition has identified these key trends:

- Labour market conditions are strong — employment is up by a robust 403,300 over the year to January 2018.
- Young people are benefiting from the strong labour market conditions — industries with large numbers of young workers include Retail Trade (around 386,000), Accommodation and Food Services (385,000) and Construction (175,000).

- Australia's industry structure is changing — today, more than three in every four Australian workers are employed in a service industry, with much of the growth driven by Health Care and Social Assistance.
- There are now more jobs for higher skilled workers — the majority of employment growth over the past five years has been in occupations that generally require post-school qualifications, and this trend is likely to continue.
- Employment is projected to rise in 16 of the 19 industries over the five years to May 2022.
- The strong growth in Health Care and Social Assistance in recent years is projected to continue, with this industry projected to add significantly more jobs than any other industry (up by 250,500). Large contributions to employment growth are also projected for Professional, Scientific and Technical Services (126,400), Construction (120,700), Education and Training (116,200) and Accommodation and Food Services (97,600).
- The industries which are projected to grow most strongly (in percentage terms) are Health Care and Social Assistance (up by 16.1%), Professional, Scientific and Technical Services (12.5%) and Education and Training (12.0%).

[Click to download Australian Jobs 2018](#)

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Changes to the Australia National University (ANU) admissions process

This message is from ANU: "A new admissions model will launch in 2019 for 2020 commencement. ANU will lead the country in changing the way that universities admit students. Students applying to ANU will have co-curriculum and community contributions recognised as part of their entrance criteria.

Our scholarship program will be national and take into account outstanding academic results, non-academic achievement and financial need. This means when a student receives an offer to study at ANU, they will also know they have received an offer of accommodation and the outcome of their scholarship application. Read more information about the project [here](#).

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Have you considered pursuing vocational education after school?

Research shows that 4/5 parents would prefer their child to go to university after school over vocational education and that many young people and parents don't understand the benefits of vocational education and training (e.g., TAFE, apprenticeships, traineeships). 2017 Australian research suggests that:

- 9 out of the 10 top occupations predicted to have the most jobs growth are in vocational training areas.
- The median full-time income for a vocational education graduate is \$56,000 vs \$54,000 for someone with a bachelor degree.
- Nearly eight in 10 vocational education graduates have a job soon after training, vs about seven in 10 university graduates; and
- More than nine in 10 trade apprentices have jobs after finishing training.

You can read the research report at this link - <https://bit.ly/2l0YzIR>

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Work integrated learning in biomedical science at Australian Catholic University

Industry placements provide [Bachelor of Biomedical Science](#) students in their final semester with the opportunity to experience a workplace that is supportive of emerging graduates.

Students work with their course coordinator to source an appropriate placement provider, taking into account their interests and career aspirations. They consult with the provider to define a biomedical issue that will be the focus of their work while on placement.

Last year our students undertook placements in a range of workplaces such as Aspen Pharmacare; in health and hospital services at Austin Health and The Prince Charles Hospital; in disease-based organisations such as at Asthma Australia; and in research institutes like the Baker Heart and Diabetes Institute, St Vincent's Institute and the Mary Mackillop Institute for Health Research.

Research and further study were strong interests among last year's cohort, with five students enrolling in Honours programs in 2018 and a further eight undertaking postgraduate coursework programs. For those who sought work this year, their roles included clinical trials assistant, manager of a prosthesis lab and

cardiac technician assistant.

The [Bachelor of Biomedical Science](#) is the perfect degree if you're interested in the application of science to human health and disease, <https://bit.ly/2sOI95C>

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International Business at Monash University

As part of the Bachelor of International Business, students have the opportunity to spend a trimester of their degree studying abroad at China's Peking University, Japan's Osaka University or South Korea's SungKyunKwan University. Students learn about the country's economy, local business principles and culture, and discover the challenges and opportunities of doing business internationally.

Eligible Australian citizens participating in the program can access a Mobility Scholarship of up to \$7000 provided by the Australian Government's New Colombo Plan. Additional funding is also available through the government's OS HELP scheme. For more information on the Bachelor of International Business please visit <http://bit.ly/2nTsb4b>

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Mathematics bridging programs – Swinburne University

If you aren't currently studying Further Mathematics or Mathematical Methods and require these subjects for entry into a course at Swinburne University, the following are bridging programs you can apply to undertake during Year 12 or during a gap year: MathsLink: Methods and MathsLink: Further. For information, go to, <http://bit.ly/1M0nAHA>

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Why the Bachelor of Arts is a great choice for students

If you love humanities but aren't sure what you would like to specifically study, the Bachelor of Arts is a fantastic undergraduate degree. The following videos have been developed by three universities to showcase their Bachelor of Arts programs

- [Australia National University](#),
- [Monash University](#),
- [University of Melbourne](#),

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Passionate about wildlife conservation?

You may like to explore the following courses as examples of what you can study at university:

- [Bachelor of Science \(Wildlife and Conservation Biology\)](#), La Trobe University,
- [Bachelor of Environmental Science \(Wildlife and Conservation Biology\)](#), Deakin University,

For other vocational and higher education courses, search the [Good Universities Guide](#).

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5 jobs of the future you need to know

Careers With STEM have written a fantastic article about 5 jobs that could be a reality in the future. They are listed below:

- Robot Psychologist
- Blockchain Engineer
- Augmented Reality Cybersecurity Analyst
- Data Science Detective
- Computer vision technician

To read the article, go to <https://bit.ly/2Jt1XEM>

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UPCOMING EVENTS

For a full list of upcoming events [click here](#).