

Careers Corner Weekly

Events 20th November to 3rd December



Tuesday 21 November 2023

Defence Careers Australia - Perth: Air Force Immersion Day

Reach new heights in a career with the Air Force.

Join us at the upcoming Air Force Immersion Day and find out how you can work with advanced technology as you support the Air Force across a broad range of operations in Australia and overseas.

Time: 08:00 AM - 03:00 PM

Location: RAAF Base Pearce

[Click here for Details and Registration](#)

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Wednesday 22 November 2023

ACU - Scholarship opportunities at ACU webinar

ACU has more than 700 scholarships to help you get where you want to go. And these awards aren't just for the academically gifted - we offer a wide range of scholarships for students with different backgrounds and abilities.

Join this webinar to discover what scholarships you may be eligible for, hear from current scholarship recipients and learn about the application process.

Time:

6:00 PM - 6:30 PM AEDT

5:00 PM - 5:30 PM AEST

Location: Online

[Click here for Details and Registration](#)



Thursday 23 November 2023

ICMS - Parents' Information Evening

As a parent, you play a vital role in your child's successful transition from school to higher education. We understand that choosing where and what to study can be a daunting and stressful decision – and not just for your school leaver. The ICMS Parents Information Evening will help you to support your school leaver as they navigate the complex tertiary admissions process.

Time: 6:00 PM - 7:30 PM

Location: ICMS Campus, 151 Darley Road, Manly, New South Wales 2095 Australia

[Click here for Details and Registration](#)

ICMS



Wednesday 29 November 2023

The University of Western Australia - Bachelor of Education (Primary) (Honours) Information Session

Be the educator of tomorrow. Your journey starts here.

Take your teaching journey beyond the classroom. Join us on Wednesday 29 November for an online information session and discover how our new four-year Bachelor of Education (Primary) (Honours) degree can prepare you to become an inspiring primary school teacher. Experience an innovative curriculum where you are more than a student – you're a teacher-in-training.

Time: 6:00 PM - 7:30 PM

Location: ICMS Campus, 151 Darley Road, Manly, New South Wales 2095 Australia

[Click here for Details and Registration](#)





Defence Careers Australia			
Date	Event	Description	Time/Location/Registration
Thursday 23 November 2023	Engineering Careers Virtual Information Session	<p>Consider an Engineering career in the Navy, Army or Air Force and work at the peak of your profession on formidable military assets such as warships, tanks, fighter aircraft and all the systems that control them.</p> <p>Join us for a virtual info session to learn more.</p>	<p>Time: 07:30 PM - 09:00 PM (ACDT) 06:30 PM - 08:00 PM (ACST) 08:00 PM - 09:30 PM (AEDT) 07:00 PM - 08:30 PM (AEST) 05:00 PM - 06:30 PM (AWST) Location: Virtual Online Click here for details and registration</p>
Tuesday 28 November 2023	Army Reserve Virtual Information Session	<p>Consider serving locally in the army Reserve. You will be part of something exciting, challenging and rewarding all while learning new skills and giving back to the community-and tax-free pay!</p> <p>To find out more about the rewarding challenges and experiences on offer, join us for a virtual info session. Speak with current serving members about their own experiences and advice, and learn about the wide range of part-time jobs available.</p>	<p>Time: 06:00 PM - 08:00 PM Location: Online Click here for details and registration</p>
Tuesday 28 November 2023	Perth: Army Reserve Information Session	<p>Experience flexible commitment in an Army Reserve role with new challenges, experiences and friendships - and tax-free pay!</p> <p>Whether you're looking for additional training and experiences to complement your current trade or profession or are looking to give back to your Country in a meaningful way, the Army Reserve has plenty to offer.</p> <p>Come to the upcoming information session to speak with current serving members about their own experiences and advice.</p>	<p>Time: 07:30 PM - 09:00 PM Location: Irwin Barracks Click here for details and registration</p>



13 - 19 November 2023



National Recycling Week is held every year in November and this year, it's about exploring the idea that ***What Goes Around Comes Around***.

Thinking about our waste provides valuable insight into how the recycling and resource management industry works. Check out these 6 recycling-related occupations to better understand the role each plays in our environmental endeavors.

Garbage Collectors and **Recyclers** collect household, commercial and industrial waste for disposal or recycling. Most work for private companies that are contracted by local councils. These occupations require licences to drive vehicles, operate machinery, and handle toxic and flammable substances. To be a garbage collector or recycler, you'll need to work shifts (sometimes very early or late) in all weather conditions, and enjoy practical work that can be physically demanding and potentially dirty. Understanding the benefits of reducing waste and recycling and being aware of public health issues is also beneficial to the role.



Environmental Health Officers may specialise in the areas of air, food and water quality; disease control; waste management; environmental protection; health education; and noise control. To become an environmental health officer you'll need to study environmental health, environmental science, public health or environmental management at university.

Urban / Regional Planners develop policies and plans for the use of land and resources. They work on large-scale projects such as new suburbs, towns, industrial areas, and commercial developments. To become an urban and regional planner you'll have to study urban, regional or environmental planning at university.

Sustainability Specialists coordinate projects and initiatives to help companies and organisations balance environmental responsibility and business efficiency. They generally work in office buildings, laboratories, or industrial plants, and might spend time outdoors or on-site. To become a sustainability specialist, you'll need a degree in environmental science and to take subjects that develop your statistical and analytical skills.

Materials Engineers investigate the properties of metals, ceramics, polymers, plastics and other materials, contributing to sustainability efforts. To become a materials engineer you'll need a degree in engineering with a major in materials.



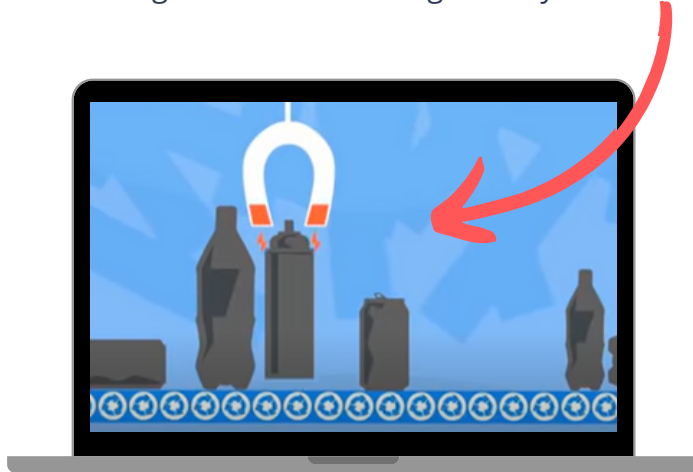


The recycling industry is undergoing a technological transformation, with robotics leading the charge. These aren't your average robots; they're advanced machines equipped with AI and sophisticated sorting capabilities that outpace human hands and prevent recyclable materials from going to waste.

Why Robotics in Recycling?

- **Speed:** They sort through mountains of recyclables at lightning speed.
- **Accuracy:** Equipped with sensors, they can accurately separate different materials, reducing contamination.
- **Efficiency:** These smart systems continuously learn and improve, making recycling processes more efficient.

This [Planet Ark](#) video provides insight into the types of technologies involved in sorting our recyclables.



Engineer Your Part in the Robotic Revolution

If you're interested in tech and sustainability this is where they converge. By studying STEM subjects at school and continuing your studies in engineering, you'll be on your way to designing the next generation of recycling robots and creating solutions that keep our planet clean.

Electrical Engineers design and manage the systems used in automation processes whereas Electronics Engineers focus on the small-scale electronic systems and components of these systems and machines. Study pathways:

- 2-year Advanced Diploma of Electrical Engineering or an Associate Degree of Engineering with an Electrical Major
- 3-year Bachelor of Engineering Technology or Science
- 4-year Bachelor of Engineering with an Electrical major

Mechanical Engineers design, develop, manufacture, install, test, operate and maintain machinery and automated mechanical systems. Mechanical Design Engineers specialise in designing new machines, equipment, and systems that can make recycling more efficient.

Mechatronics Engineers combine knowledge and skills in mechanics, electronics, robotics, computing, and telecommunications! They design, build, operate and maintain machinery with electronic and computer control systems such those used in robots.

Engineering Qualification Pathways:

- Qualify as an Associate Engineer with a 2-year Advanced Diploma of Engineering Technology or Associate Degree of Engineering.
- Qualify as an Engineering Technologist with a 3-year Bachelor of Engineering Science or Technology.
- Qualify as a Professional Engineer with a 4-year Bachelor of Engineering.





Fast fashion
doesn't go
with my outfit

Art and design courses are now spotlighting sustainable practices so you can learn how to craft fashion that's both stylish and kinder to the earth.

As a sustainable designer, you won't just set trends; you'll set standards for the future of fashion.

Turn your passion for style into a force for positive change by seeking courses that specialise in sustainability, like these:

VET Courses

Launch your love for fashion at TAFE or an RTO by enrolling in a:

- [Certificate II in Apparel, Fashion and Textiles](#)
- [Certificate III in Apparel, Fashion and Textiles](#)
- [Certificate IV in Apparel and Fashion](#)
- [Diploma of Apparel, Fashion and Textiles](#)
- [Advanced Diploma of Apparel, Fashion and Textiles](#)

UTS (NSW), Diploma in Fashion and Sustainability: A robust foundation in sustainability issues in fashion, and a potential pathway into the renowned Bachelor of Design in Fashion and Textiles degree. **Note:** The 6-month [TAFE undergraduate Certificate in Sustainable Practice](#) is a prerequisite to apply for this diploma course.

University Courses

Collarts (VIC), Bachelor of Design (Fashion & Sustainability): Shape the future by creating forward-thinking fashion, with a focus on sustainability and ethical consumption.

Curtin University (WA), Fashion Design (Major): Research and analyse contemporary garment technologies in relation to global sustainability to weave together art, culture and your passion for design to produce a contemporary garment line.

Flinders University (SA), Bachelor of Creative Arts (Fashion): Take an environmental studies topic to develop your understanding of the global impacts of the industry. There is also a VET pathway option.

QUT (QLD), Bachelor of Design (Fashion): Be advised by leading industry mentors, and embrace the challenges and opportunities of ethics and sustainability, industry practices, and emerging digital technologies.

RMIT University (VIC), Bachelor of Fashion and Textiles (Sustainable Innovation): Learn how to make a difference in the rapidly-evolving fashion and textiles industry, from the integration of 2D and 3D virtual fashion and textile design and digital production methods, to material innovations, smart textiles, and the need for improved transparency.



Australia is home to the WORLD's number 1 and 2 ranking universities in climate action!

UNIVERSITY of
TASMANIA 
#1 in climate
action globally



UNSW
SYDNEY

The University of Tasmania (UTAS) is leading the charge against climate change, crowned by the [Times Higher Education \(THE\) Impact Rankings as the top university globally for climate action in 2023](#), with a ranking of 92.8 in this category.

This means UTAS came out on top when measured and compared to 1500+ universities around the world for:

- Research Excellence: Pioneering studies in climate action.
- Sustainable Practices: Emphasis on low-carbon energy use and carbon neutrality.
- Educational Leadership: Comprehensive environmental education measures.

[Study meets sustainability](#) at the UTAS campuses in Hobart, Launceston, Burnie, and Sydney with students able to add a sustainability major to most bachelor degrees, apply the skills they're learning to real-world sustainability challenges across the university, register for the Green Impact Program, or join one of the many clubs and societies centred around sustainability.

If you're still considering your options for 2024, it's handy to know that UTAS offers a [free alternative entry pathway](#), a [Diploma of University Studies](#) preparation program, and the [Murina Pathway Program](#) for Aboriginal and Torres Strait Islander students.

The University of New South Wales Sydney received an excellent #2 ranking for its contributions to Climate Action, with a score of 92.6. The University scored full points for its commitment to carbon neutrality in the [2023 THE Impact Rankings](#).

UNSW hosts over 700 academic staff undertaking research in climate change science, impacts, adaptation, mitigation, solutions, and policy across more than 30 Centres and Institutes. This includes science and research into the impacts of climate change on security, law, policy, health, ecosystems, tourism, biodiversity, the built environment, coastal infrastructure, energy, decarbonisation, and water management.

UNSW offers undergraduate degrees in:

- [Natural and Physical Sciences](#)
- [Information Technology](#)
- [Engineering and Related Technologies](#)
- [Architecture and Building](#)
- [Environmental and Related Studies](#)
- [Health](#)
- [Education](#)
- [Business and Management](#)
- [Humanities and Law](#)
- [Creative Arts](#)

It also has the [Gateway Admissions Pathway and Program](#) for students from underrepresented demographics and a range of [Indigenous entry pathways](#).





GET INVOLVED

All competitions and challenges are free/have low entry fees and are open to students nationwide unless otherwise stated.

Competition	Open To	Closing Date
<p><u>Storyfest National Poetry Prize</u> Entries must be original, no more than 50 lines (excluding the title) and on any subject.</p>	Secondary students under 19	1 December 2023
<p><u>Storyfest National Novella Writing Competition</u> For serious student writers with fantastic prizes on offer!</p>	All high school students	1 December 2023
<p><u>Little Stories Big Ideas</u> In 100 words or less (not including title), write your story incorporating the theme 'Magic'!</p>	Year 7 - 12 students	22 December 2023
<p><u>The Best Australian Short Film Competition</u> Your short film could snag you a share in a prize pool worth over \$75,000!</p>	Everyone 12+	5-22 January 2024
<p><u>Junior Water Prize 2023</u> Create solutions for current and future water challenges.</p>	15 - 20 year olds	1 March 2024

