



# KSC Career News

For October 2022

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## Welcome

We are all looking forward to warmer weather this term. Please contact the Careers Office if you have any questions regarding Careers options.

## Yr 12 News

Year 12's have now completed all of their classes and are doing study at home for their VCE Year 12 exams. We wish them all the best with their exams.

ATARs will be released on Monday 12<sup>th</sup> of December. Change of Preference will run from 12<sup>th</sup> to the 14<sup>th</sup> December, 2022.

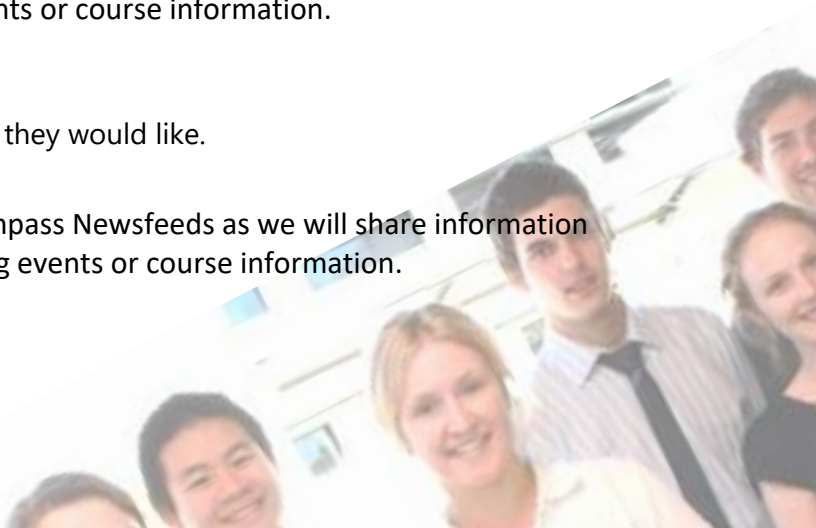
The Careers Office is here to help any students with their VTAC preferences and will assist students during Change of Preference.

Please remember to look at Compass Newsfeed as we will continue to share information from the Universities and TAFEs about upcoming events or course information.

## Yr 11 News

Year 11 students can book a Careers Interview if they would like.

Year 11 students should continue to look at Compass Newsfeeds as we will share information from the Universities and TAFEs about upcoming events or course information.





## Yr 10 News

Year 10 students should continue to look at Compass Newsfeeds as we will share information from the Universities and TAFEs about upcoming events or course information.

### Open Days & Info Sessions

#### AIE | Open Day

Saturday 19 November 2022, 10:00 am - 3:00 pm

Academy of Interactive Entertainment, Melbourne

Find out more: [https://aie.edu.au/aie\\_event/open-day/](https://aie.edu.au/aie_event/open-day/)

#### Holmesglen | Open Day

Thursday 27 October 2022, 11:00 am - 7:00 pm

Holmesglen Institute, Various Campuses & Online

Find out more: <https://holmesglen.edu.au/Students/Open-Days/>

#### ADF | Engineering Careers Virtual Information Session

Thursday 27 October 2022, 6:00 pm - 8:00 pm

Online

Find out more: <https://www.defencejobs.gov.au/events/events-detail/uyg0gbd>

#### Camp America | Online Information Session

Tuesday 8 November 2022, 7:00 pm - 8:00 pm

Online

Summer Camps are looking for you!

Find out more: <https://www.campamerica.com.au/events/camp-america-online-3>

#### Swinburne | Alumnight: Meet Swinburne Grads

Tuesday 15 November 2022, 6:00 pm - 7:30 pm

The Hawthorn Hotel

Find out more: <https://www.swinburne.edu.au/events/2022/11/alumnight-meet-swinburne-grads/>





### **Achieve Fest**

Tuesday 29 November 2022, 9:00 am - Wednesday 30 November 2022, 1:00 pm

Online

Find out more: <https://www.princes-trust.org.au/young-people/achieve-fest>

### **endota Wellness College | Open Day**

Saturday 3 December 2022, 10:00 am - 12:00 pm

endota Wellnes College, Docklands

eWC invites you to come to Open Day and learn how we get our students job-ready within Australia's largest spa network. Offering full-time, part-time and blended learning courses in Beauty Therapy, Remedial Massage and Salon Management.

Find out more: <https://endotawellnesscollege.edu.au/open-day-rsvp/>

### **AIE | Online Campus Day**

Saturday 3 December 2022, 1:00 pm

Online

Find out more: [https://aie.edu.au/aie\\_event/online-campus-day/](https://aie.edu.au/aie_event/online-campus-day/)

### **ACU | Pathways to ACU Webinar**

Thursday 8 December 2022, 1:00 pm - 2:00 pm

Online

Find out more: <https://www.acu.edu.au/about-acu/events/2022/december/pathways-to-acu-webinar>

### **William Angliss | How to Apply Info Session**

Thursday 8 December 2022, 6:00 pm - 7:00 pm

Online

Find out more: <https://www.angliss.edu.au/events-hub/how-to-apply-info-session/>

## **Workshops and Courses**

### **Med Entry | Interview Strategy Day**

Saturday 5 November 2022, 9:30 am - 5:30 pm

Online

Find out more: <https://www.medentry.edu.au/interviews>







### **Whitehouse Institute of Design | Illustration and Portfolio Workshop**

Friday 20 January 2023, 10:00 am - 3:00 pm

Whitehouse Institute of Design, Melbourne

Find out more: <https://events.humanitix.com/illustration-and-portfolio-workshop-mwaxb5rg>

### **NIE | Medical Interviews Preparation Workshop**

Saturday 12 November 2022, 10:00 am - Sunday 13 November 2022, 4:00 pm

Online

Find out more: <https://www.nie.edu.au/products-listing/product/44-umat-medical-interviews-preparation-workshop>

### **Chisholm Sports Academy | Soccer Discovery Day – Casey Fields**

Saturday 12 November 2022, 10:00 am - 12:00 pm

Find out more: <https://www.eventbrite.com.au/e/chisholm-sports-academy-soccer-discovery-day-casey-fields-tickets-427725788347>

## **Scholarships**

### **RMIT Spatial Vision Women in Geospatial Scholarship**

Value: \$5,000 AUD

Open/Closing Dates: October 3, 2022 – January 22, 2023

[Find out more](#)

### **Deakin Helen Macpherson Smith Trust Scholarship**

Value: \$7,000 AUD per year

Open/Closing Dates: September 1, 2022 – January 9, 2023

[Find out more](#)

### **ACU Creating Opportunity Fund Scholarship**

Value: \$4,000 AUD

Open/Closing Dates: September 27, 2022 – March 1, 2023

[Find out more](#)





### **Catherine Bonnes AM Scholarship**

Value: \$2,000 AUD

Open/Closing Dates: January 1, 2022 – December 31, 2022

[Find out more](#)

### **Larsen Jewellery Design Scholarship Program**

Value: \$3,000 AUD

Open/Closing Dates: February 1, 2022 – November 30, 2022

[Find out more](#)

### **University of Melbourne Commerce at International House Scholarship**

Value: Up to \$28,000 AUD

Open/Closing Dates: September 1, 2022 – January 4, 2023

[Find out more](#)

### **Swinburne Pratt Foundation Scholarship**

Value: \$2,000 AUD

Open/Closing Dates: September 26, 2022 – March 31, 2023

[Find out more](#)

### **Deakin Thomas O'Toole Foundation Achieving Potential Scholarship**

Value: Up to \$10,000 AUD per year

Open/Closing Dates: September 1, 2022 – January 9, 2023

[Find out more](#)

## **Job Spotlight**

### **[How to become an Astrophysicist](#)**

Astrophysicists study a variety of forces and phenomena, including matter, space, time and energy, to try and understand how they interact with each other and physical objects (such as planets and stars). They try to explain things we don't yet understand, and work with other scientists to develop new technologies.

If you have a mind for maths, are curious about the world around us, and want to answer questions about the universe, this could be the job for you.





### About you:

- Excellent problem solver
- Curious and analytical
- Great maths skills
- Passionate about science
- Dedicated and hardworking
- Good communicator
- Can work in teams and alone
- Good with technology

### The job:

- Developing research methodologies and techniques
- Investigating the structure and properties of matter
- Studying the relationship between matter and energy
- Performing tests and experiments
- Recording and analysing data
- Supervising technicians and lab workers
- Working with other researchers and scientists
- Writing scientific reports and papers

### Lifestyle Impact: Low

- Part Time opportunities: Low – only around 12% of Astrophysicists work part-time (source: gov.au).
- Average hours for full-time workers: 43 hours a week, which is average (source: labourmarketinsights.gov.au).
- Astrophysicists' salary (median) \$79,000\* per year (source: ato.gov.au). \*Salaries vary depending on your skills and experience.
- Future career growth: Moderate (source: labourmarketinsights.gov.au).
- Most of your work will likely be done indoors, in offices and laboratories, though there may be some opportunity for field work too.

### Astrophysicists are most in demand in these locations:


Most Astrophysicists are employed in metropolitan areas, as these tend to be where farms and vineyards are located. Astrophysicists typically work in the Public Administration and Safety, Education and Training, and Professional, Scientific and Technical Services industries.

### How to become an Astrophysicist

Postgraduate qualifications are highly desired when applying for roles as an Astrophysicist.







Step 1 – Complete Year 12 with a focus on English, Maths, and Science

Step 2 – Study a relevant undergraduate degree, including Science, Maths or Physics.

Step 3 – Complete a postgraduate qualification in Science or Physics.

Step 4 – Start working in graduate roles and gain lots of experience.

Step 5 – Consider roles in research or education.

Find out more here –

<https://aip.org.au/>

### **Similar Careers to Astrophysicist**

Geologist

Lab Technician

Mathematician

Meteorologist

Conservationist

Biologist

Engineer

### **What do Astrophysicists do?**

Astrophysicists study both physical and intangible forces and phenomena to explain how the universe works and create new technologies.

### **Which industries employ Astrophysicists?**

Astrophysicists are mostly employed in the Public Administration and Safety, Education and Training, and Professional, Scientific and Technical Services industries.

### **What options are there for career progression?**

You will generally start out working in graduate roles, before gaining enough experience to work in roles in research and development. You might even like to work in roles in education.

### **Do I need to go to university to become an Astrophysicist?**

Yes, you will need at minimum an undergraduate qualification, but most Astrophysicists have postgraduate qualifications.





### **Where do Astrophysicists work?**

Astrophysicists generally work in universities and other private research institutes. They may also work for commercial companies developing new technologies.

### **What are 3 things I can do right now to help me become an Astrophysicist?**

If you're in high school and you'd like to find out if a career as an Astrophysicist is right for you, here's a few things you could do right now:

1. Start working on your maths and science skills – enter competitions and challenges or participate in workshops and short courses.
2. Find work experience in a STEM related setting to help you build important skills and see if you might enjoy the kind of work you'll be doing.
3. Talk to an Astrophysicist to see what a day in their life is like. If you don't know anyone, see if you can watch videos or documentaries about the role.

