Choose your degree

Flinders University offers a range of future-focused degrees that will allow you to follow your interest across areas such as engineering, computer science, information technology and defence.

Choose a degree that reflects your passions and graduate with the skills and knowledge to take your place in an ever-changing world.

Be taught by leaders

Flinders’ Engineering, Defence, Computer Science & Information Technology degrees are taught by highly-qualified academics who are active in their respective fields and have the practical skills and industry networks to ensure that you graduate more than ready for the next step in your career path.

Gain real-world experience

Flinders’ Work Integrated Learning (WIL) enables you to gain work experience while you study. You’ll have the opportunity to gain real-world experience through placements, practicums, field studies and simulated workplace settings and assessment activities. Flinders aims to provide each and every student with access to a WIL opportunity during their studies.

“Engineering is such an exciting field because it’s always changing and evolving, which means that the problems we’re faced with today will be completely different in a decade’s time. This degree has equipped me with the skills I need for a strong start in the field I’m pursuing, in both technical and professional aspects.”

An Lam

Graduate, Bachelor of Engineering (Mechanical) (Honours)/Master of Engineering (Biomedical)
Engineering

The career of your dreams

Engineers are in high demand worldwide. Demand for electrical engineers is increasing. The world of robotics is changing rapidly, and many large-scale civil engineering projects are being conducted in many areas. From robotics to renewable energy, shipbuilding and defence, civil engineering or creating new medical technologies... Flinders Engineering graduates are working in a broad range of engineering fields across the globe. You can help design and build tomorrow.

Graduate ready for success

Flinders Engineering degrees are offered in close collaboration with industry. You'll be plugged into our $120 million hub of innovation and changing innovation sector.

No.1 in Australia for learning resources*

* The Good Universities Guide 2020 (undergraduate)

SA’s longest engineering placement**

** Public SA-founded universities only

Up to 18 months with industry

Flinders Engineering’s Work Integrated Learning (WIL) program is South Australia's longest industry placement. All Flinders Engineering students have the opportunity to undertake a 20-week industry placement as part of their degree, helping them graduate work-ready. Honours students complete a research placement enabling them to work alongside professional engineers, tackling real-world problems, for up to 18 months in total.

Bachelor of Design and Technology

Graduate prepared to solve problems and create commercial solutions. This degree prepares you to do this by developing a sound understanding of three areas: design, innovation management; and science, technology and engineering. You'll be taught desirable skills that will allow you to design and develop new products or services to solve a range of real-world problems.

- Gain an understanding of industrial design, technology and innovation in one degree and learn to match a problem with technology to create a commercial solution.
- Enhance your employability with highly attractive, vital skills in the rapidly changing innovation sector.
- Gain practical, hands-on exposure to the cutting-edge equipment and facilities of Flinders University’s new technology precinct at Tonsley.
- You’ll have the chance to participate in a 12-week industry work-integrated placement.
- This degree is recognised by the Design Institute of Australia.

Career opportunities

Your degree could open up a range of employment opportunities, including:
- product designer
- business development manager
- commercialisation specialist
- graduate consultant
- innovation strategist.

Potential employers include:
- CSR Limited
- CSIRO
- Department of Industry, Innovation and Science
- Clipsal
- Adidas.

Bachelor of Engineering (Biomedical) (Honours)

Health care is a large and rapidly growing industry, and your skills could help improve the way we plan, design, manufacture and maintain healthcare systems and equipment. You will gain a solid education in both engineering and medical science, along with important practical skills and the ability to work as part of an effective team that will see you graduate work-ready.

- You’ll study unique topics such as rehabilitation and assistive technology.
- Flinders’ biomedical and materials engineering research is world class, and graduates have won Monash Scholarships, Fulbright Scholarships, Churchill Fellowships and Menzies Scholarships.
- Choose a specialisation in mechanics-based or electronics-based biomedical engineering.
- Our on-campus Medical Device Research Institute and Medical Device Partnering Program bring together some of the leading minds in biomedical engineering and related disciplines.
- Through our extensive industry links, undertake a 20-week industry placement program of structured work experience with a local, national or international organisation.
- This degree is fully accredited by Engineers Australia at the level of professional engineer and recognised internationally under the Washington Accord.

Career opportunities

Your degree could open up a range of employment opportunities, including:
- biomedical engineer
- clinical support specialist consultant
- customer support engineer
- pathology field service engineer
- instrumentation engineer.

Potential employers include:
- Chemtronics Biomedical Engineering
- Epworth HealthCare
- Bio-Rad Laboratories Pty Ltd
- Brainlab
- The Queen Elizabeth Hospital.

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SATAC code 244591 3 years full-time
Prerequisites None
Assumed knowledge None
2022 selection rank 70.00
Guaranteed entry selection rank 70.00
TAFELink Cert IV or above
Adjustment factors Yes

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SATAC code 224781 4 years full-time
Prerequisites Yes**
Assumed knowledge Yes***
2022 selection rank 75.00
Guaranteed entry selection rank 70.00
TAFElink Dip or above
Adjustment factors Yes *

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* SACE stage two specialist mathematics or mathematical methods or equivalent.
** Knowledge of SACE stage two physics or equivalent is assumed.
*** SACE stage two specialist mathematics or mathematical methods or equivalent is assumed.

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For more information visit: flinders.edu.au/engineering
Health care is a large and rapidly growing industry, and your skills could help improve the way we plan, design, manufacture and maintain healthcare systems and equipment. You will gain a solid education in both engineering and medical science, along with important practical skills and the ability to work as part of an effective team that will see you graduate work-ready.

Prepare yourself for a career solving civil engineering problems. You’ll learn how to create innovative solutions that consider social, economic and environmental concerns. This degree covers the four main civil engineering themes of structures, transport, water and geomechanics, then applies them to infrastructure design and construction.

Electrical and Electronic Engineering

Be a part of the next generation of electrical and electronic technology. Electrical engineering is concerned with large-scale electrical systems including renewable power generation and electric motors. Electronic engineering focuses on lower voltage systems such as computer systems, communication networks and integrated circuits.

Majors Bachelor of Engineering (Civil) (Honours)

Choose from a range of majors that allow you to follow your interests and graduate ready to take on the world. Flinders Bachelor of Engineering (Civil) (Honours) allows you to select a major in any of the following areas:

- **Civil infrastructure**
  This is a broad major that focuses on all aspects of civil engineering covering structural engineering, transport systems, geotechnical engineering and water engineering in depth.

- **Environmental engineering**
  Explore the environmental and sustainability aspects of civil engineering. On top of the solid civil engineering core you will study topics such as sustainable engineering, waste management and hydrochemistry.

- **Structural engineering**
  Study the development of civil engineered structures. To expand on your core civil engineering studies, you will also focus on concrete analysis and design, foundation design, and fatigue and fracture analysis.

- **Transport systems engineering**
  This major focuses on the development of transport solutions in civil engineering. Career focused and industry informed, topics will include transport planning, modelling and remote sensing.

Majors Bachelor of Engineering (Electrical and Electronic) (Honours)

Choose from a range of majors that allow you to follow your interests and graduate ready to take on the world. Flinders Bachelor of Engineering (Electrical and Electronic) (Honours) allows you to select a major in any of the following areas:

- **Advanced electrical engineering**
  This major focuses on electrical engineering and includes study in electrical energy systems including high voltage electrical power and renewable energy.

- **Advanced electronic engineering**
  Supplementing your core studies, this major focuses on the use of electronics as a component of computers, communications technology and control systems.

- **Computer and network systems**
  Study the application of electrical and electronic technology to create computer systems and networked devices.

- **Electronic systems and security**
  Take your studies to the cutting edge. This major focuses on the electromagnetic spectrum and the way in which electronics can be used to assure electromagnetic security.
Bachelor of Engineering (Electrical and Electronic), Master of Engineering (Mechanical)

Many companies want engineers who combine the skills of electrical and electronic engineers with those of mechanical engineers.

- SATAC code: 244671
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- 2022 selection rank: 95.00
- Guaranteed entry selection rank: 95.00
- TAFE/dip: NA
- Adjustment factors: Yes

Career opportunities
Your degree can open up a range of employment opportunities, including:
- graduate mechanical, electronic or electrical engineer
- graduate project engineer (mechanical and/or electrical and electronic)
- process development engineer/scientist

Potential employers include:
- design consultancies
- defence industry
- government and universities.

Bachelor of Engineering (Civil) (Honours)/Master of Engineering Management

The civil engineering component is a comprehensive, accredited degree covering the four main civil engineering themes of structures, transport, water and geomechanics. The engineering management component combines the problem-solving and technical design ability of engineering with executive organisational skills and the planning power of business and management.

- SATAC code: 244701
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- 2022 selection rank: New in 2023
- Guaranteed entry selection rank: 95.00
- TAFE/dip: NA
- Adjustment factors: Yes

* This degree combination is unique in South Australia.
* Our nationally recognised integrated work placement gives you practical industry experience.
* This degree is fully accredited by Engineers Australia at the level of professional engineer and recognised internationally under the Washington Accord.

Bachelor of Engineering Technology (Systems and Security)/Bachelor of Science (Physics)

Developed in collaboration with the Defence Science and Technology Group within the Department of Defence, the course encompasses a wide range of communication mediums including radar, radio and microwaves.

- SATAC code: 244791
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- 2022 selection rank: New in 2023
- Guaranteed entry selection rank: NA
- TAFE/dip: NA
- Adjustment factors: Yes

* SACE stage one mathematics or stage two general mathematics or equivalent.
** Knowledge of SACE stage two physics and mathematics or equivalent is assumed.

Bachelor of Engineering Technology (Advanced Manufacturing and Digital Design)

Conceived with substantial industry input and support, this course enables students to learn both the fundamentals and the practical application of a range of advanced manufacturing, digital design and industry 4.0 techniques.

- SATAC code: 244691
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- 2022 selection rank: New in 2023
- Guaranteed entry selection rank: 95.00
- TAFE/dip: NA
- Adjustment factors: Yes

* SACE stage two specialist mathematics or mathematical methods or equivalent.
** Knowledge of SACE stage two physics or equivalent is assumed.

Bachelor of Engineering Technology (Environmental) (Honours)/Master of Engineering (Civil)

Combine the advantages of being an in-demand environmental engineer with the knowledge needed to become an accredited civil engineer.

- SATAC code: 244681
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- 2022 selection rank: New in 2023
- Guaranteed entry selection rank: 95.00
- TAFE/dip: NA
- Adjustment factors: Yes

* SACE stage two specialist mathematics or mathematical methods or equivalent.
** Knowledge of SACE stage two physics or equivalent is assumed.

Bachelor of Engineering (Electrical and Electronic) (Honours)/Master of Engineering Management

The electronic and electrical engineering component is a comprehensive, accredited degree providing both a theoretical and a practical basis of electrical and electronic systems. The engineering management component combines the problem-solving and technical design ability of engineering with executive organisational skills and the planning power of business and management.

- SATAC code: 244751
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- 2022 selection rank: New in 2023
- Guaranteed entry selection rank: 95.00
- TAFE/dip: NA
- Adjustment factors: Yes

* SACE stage two specialist mathematics or mathematical methods or equivalent.
** Knowledge of SACE stage two physics or equivalent is assumed.
Environmental engineering is where advances in science and technology are transformed into practical solutions that will protect and improve the quality of our environment. Environmental engineers are problem-solvers who design solutions to a range of hazards from airborne and waterborne diseases, water and air pollution, wastewater management and recycling. They implement environmental engineering law and assess the environmental impact of proposed projects.

Prepare to become a professional engineer in the maritime engineering industry. You’ll learn to design and manage the building of maritime vehicles, coastal engineering projects, port and harbour facilities, and offshore oil and gas installations. You’ll develop practical skills in mechanics and structures, ship design, hydrostatics and fluid mechanics, thermodynamics and energy engineering.

Build a hands-on career with real-world applications. Learn to design, construct and operate mechanical systems. This degree encourages you to push the boundaries, preparing you for the future of mechanical systems engineering. You’ll learn to apply the principles of physics, materials science and mathematics, and build depth of knowledge in materials, mechanics, design, thermodynamics and fluid mechanics.

**Environmental engineering**
- Bachelor of Engineering (Environmental) (Honours)
- Bachelor of Engineering (Maritime) (Honours)

**Mechanical engineering**
- Bachelor of Engineering (Mechanical) (Honours)
- Majors Bachelor of Engineering (Mechanical) (Honours)

Enrol in Bachelor of Engineering (Environmental) (Honours)

The Bachelor of Engineering (Environmental) (Honours) prepares you for a career in civil engineering, water supply and wastewater treatment engineering, integral to many of today’s major projects. Many of our teaching facilities use real-life case studies.

You could work as:

- Water supply and wastewater treatment engineer
- Recycling technician
- Environmental engineering technologist
- Environmental engineering technician

**Entry requirements**

- SATAC code: 234021
- Prerequisites: Yes
- Assumed knowledge: Yes
- Guaranteed entry selection rank: 75.00
- Guaranteed entry selection rank: 90.00
- TAFELink: Dip or above
- Adjustment factors: Yes

**What you’ll learn**

- You’ll gain an advanced knowledge of environmental science and engineering.
- You’ll develop skills in collaboration and interpersonal development.
- You can put your knowledge to practice through field experiences and research opportunities.

**Careers**

You could work as:

- Water supply and wastewater treatment engineer
- Recycling technician
- Environmental engineering technologist
- Environmental engineering technician

**Entry requirements**

- SATAC code: 234021
- Prerequisites: Yes*
- Assumed knowledge: Yes**
- Guaranteed entry selection rank: 75.00
- Guaranteed entry selection rank: 90.00
- TAFELink: Dip or above
- Adjustment factors: Yes

**What you’ll learn**

- You’ll gain an advanced knowledge of environmental science and engineering.
- You’ll develop skills in collaboration and interpersonal development.
- You can put your knowledge to practice through field experiences and research opportunities.

**Careers**

You could work as:

- Water supply and wastewater treatment engineer
- Recycling technician
- Environmental engineering technologist
- Environmental engineering technician

**Entry requirements**

- SATAC code: 234021
- Prerequisites: Yes
- Assumed knowledge: Yes
- Guaranteed entry selection rank: 75.00
- Guaranteed entry selection rank: 90.00
- TAFELink: Dip or above
- Adjustment factors: Yes

**What you’ll learn**

- You’ll gain an advanced knowledge of environmental science and engineering.
- You’ll develop skills in collaboration and interpersonal development.
- You can put your knowledge to practice through field experiences and research opportunities.

**Careers**

You could work as:

- Water supply and wastewater treatment engineer
- Recycling technician
- Environmental engineering technologist
- Environmental engineering technician

**Entry requirements**

- SATAC code: 234021
- Prerequisites: Yes
- Assumed knowledge: Yes
- Guaranteed entry selection rank: 75.00
- Guaranteed entry selection rank: 90.00
- TAFELink: Dip or above
- Adjustment factors: Yes

**What you’ll learn**

- You’ll gain an advanced knowledge of environmental science and engineering.
- You’ll develop skills in collaboration and interpersonal development.
- You can put your knowledge to practice through field experiences and research opportunities.

**Careers**

You could work as:

- Water supply and wastewater treatment engineer
- Recycling technician
- Environmental engineering technologist
- Environmental engineering technician
**Bachelor of Engineering (Mechanical) (Honours)/Master of Engineering (Biomedical)**

If you’re a high-achieving student, take a pathway that allows you to complete a program of study in mechanical and biomedical engineering in only five years. You could work towards a career in many areas in the mining, defence, manufacturing, transport, environmental, engineering consulting, building services, automotive and petrochemical industries, or in the design and production of diagnostic and therapeutic medical equipment in hospitals, devices to assist in home-based health care and rehabilitation, and sensory and control systems.

### Prerequisites
- SATAC code: 204871
- 4 years full-time
- Part-time available
- Deferrable

### Assumed knowledge
- Yes

### 2022 selection rank
- 60.00

### Guaranteed entry selection rank
- 55.00

### TAFElink
- NA

### Adjustment factors
- Yes

* SACE stage two specialist mathematics or equivalency
** Knowledge of SACE stage two physics or equivalent is assumed.

### Changes to the way our workforce operates are opening up career opportunities in fields like robotics. This degree will see you graduate with the latest learning in robotics technologies, preparing you to become a key player in developing the robots that will populate our future.

### Career opportunities
- Your degree could open up a range of employment opportunities, including:
  - biomedical engineer
  - clinical support specialist consultant
  - customer support engineer
  - pathology field service engineer
  - instrumentation engineer

### Potential employers include:
- Chemtronics Biomedical Engineering
- Epworth HealthCare
- Bio-Rad Laboratories Pty Ltd
- Bunnings
- The Queen Elizabeth Hospital.

**Bachelor of Engineering (Robotics) (Honours)**

Create a career designing the robot workforce of the future. This degree will see you graduate with the latest learning in robotics technologies, preparing you to become a key player in developing the robots that will populate our future.

### Prerequisites
- SATAC code: 244461
- 3 years full-time
- Part-time available

### Assumed knowledge
- Yes

### 2022 selection rank
- 95.00

### Guaranteed entry selection rank
- 95.00

### TAFElink
- NA

### Adjustment factors
- Yes

* SACE stage two specialist mathematics or equivalency
** Knowledge of SACE stage two physics or equivalent is assumed.

### Develop the practical skills you’ll need for a rewarding career in engineering-related fields. The degree offers specialisations in biomedical engineering, civil engineering, electrical and electronic engineering, mechanical engineering, software engineering, and design and technology.

### Career opportunities
- Your degree could open up a range of employment opportunities, including:
  - construction materials technician
  - graduate consultant
  - laboratory assistant
  - graduate process improver.

### Potential employers include:
- Defence Science & Technology Group
- Safe Environments Pty Ltd
- CSIRO
- Department of Industry, Innovation and Science
- Agilent Technologies.
**Bachelor of Engineering Technology (Systems and Security) / Bachelor of Science (Physics)**

Paired with the Bachelor of Science (Physics), the Bachelor of Engineering Technology (Electronic Systems and Security) has been designed to develop future-ready graduates to help government, industry and academia tackle the most challenging security problems facing Australia.

It encompasses developing the requisite knowledge, skills and real-world experience in the exploitation of the electromagnetic spectrum and provides a pathway to a highly paid and enduring career at the forefront of electronic and electromagnetic technologies.

**Bachelor of Mathematical Sciences (Honours)**

In this degree, you’ll gain a foundation in the principles and techniques of modern mathematics and learn how to apply these skills to solve today’s problems. The degree is designed to produce industry-focused graduates who are in demand in a range of careers that use mathematics.
Flinders at Tonsley

With more than 150 staff and 2,000 students – and a 2,000 square metre pod for heavy engineering equipment – Tonsley is a place where Flinders University students interact with business and where business interacts with Flinders researchers in areas such as engineering, medical devices and nanoscale technologies.

Tonsley embodies world’s best practice in education, teaching and research. It’s a place where innovation, collaboration and entrepreneurial spirit combine to create the products and processes of the twenty-first century and beyond.

“The world is set to convert 80% of its power via Power Electronics by 2030. Being involved in projects such as FAST will give you, at the very least, an appreciation for energy harvesting, conversion, storage and utilisation that will no doubt be useful in the industry.”

Corbus Hoffman
Design Engineer, REDARC

Flinders Automotive Solar Car Teams program (FAST)

The Flinders solar car program has been running since 2016 and provides a global experience for Flinders students. They get to work closely with industry and leading academics in this field, and are involved as a cross-functional group to develop various aspects of the program from design, mechanical and electrical development through to biomedical support systems, software and on-board IT systems.

The program has so far seen four Flinders Automotive Solar Car Teams (FAST) complete the World Solar Challenge as part of their studies, learning and refining new skills that underpin, enhance and grow their academic learnings to produce job-ready graduates.

Read how Flinders students are leading the way in our solar car design.

For more information visit: flinders.edu.au/engineering
Combined degrees can enhance your job prospects

By combining your degree with a qualification in another discipline, you'll connect diverse knowledge in unique ways and develop specialised abilities to help you stand out from the pack. Studying a combined degree at Flinders is the key to enhancing your career opportunities. Example degree combinations:

**Bachelor of Engineering (Environmental) (Honours)/Bachelor of Science (Environmental Science)**

**SATAC CODE 244401**

With the problems faced by the environment becoming more critical, environmental scientists and engineers are in very high demand. Flinders University offers a unique double degree that combines environmental engineering with environmental science. You'll graduate with two separate degrees, greater career prospects and a competitive edge in the job market.

**Bachelor of Medical Science/Bachelor of Engineering (Biomedical) (Honours)**

**SATAC CODE 241141**

Broaden your career opportunities by combining specialised medical science studies in areas such as biochemistry, biotechnology, microbiology, molecular biology, neuroscience and more, with the skills to investigate, plan, design, manufacture and maintain systems and equipment that are used in all aspects of health care.

For a full list of combined degree options visit flinders.edu.au/combineddegrees

There's more than one way to get into an engineering degree at Flinders

At Flinders, there are multiple entry pathways you can study to become an accredited engineer, even if you:

- have minimal maths and physics background.
- don't know what area of engineering you want to specialise in.
- have a lower ATAR than you had hoped for.
- finished school some years back.

Flinders' engineering courses have a common first year which enables you to get a taste of engineering disciplines and delay your choice of specialisation until you have experienced engineering as a whole, or transfer between courses if you change your mind.

**Bachelor of Engineering (Honours) — Flexible Entry**

Get a taste of engineering before choosing your specialisation. Embark on a first-year engineering degree without choosing the engineering specialisation you wish to pursue with the Bachelor of Engineering (Honours) — Flexible Entry. At the end of your first year, you can transition to a named engineering degree of your choice without having to study the standard four-year course.

<table>
<thead>
<tr>
<th>SATAC code</th>
<th>244401</th>
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</thead>
<tbody>
<tr>
<td>Prerequisites</td>
<td>Yes*</td>
</tr>
<tr>
<td>Assumed knowledge</td>
<td>Yes**</td>
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<tr>
<td>2022 selection rank</td>
<td>70.00</td>
</tr>
<tr>
<td>Guaranteed entry selection rank</td>
<td>85.00</td>
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<td>TAFElink</td>
<td>Dip or above</td>
</tr>
<tr>
<td>Adjustment factors</td>
<td>Yes</td>
</tr>
</tbody>
</table>

* After completion of this pathway, you will be ready for second year in your selected engineering degree.
** SACE stage two specialist mathematics or mathematical methods or equivalent.

This degree provides a pathway to the following degrees:

- Bachelor of Engineering (Biomedical) (Honours)
- Bachelor of Engineering (Civil) (Honours)
- Bachelor of Engineering (Electrical and Electronic) (Honours)
- Bachelor of Engineering (Environmental) (Honours)
- Bachelor of Engineering (Maritime) (Honours)
- Bachelor of Engineering (Mechanical) (Honours)
- Bachelor of Engineering (Robotics) (Honours)
- Bachelor of Engineering (Software) (Honours)

A feeder to engineering for those with less mathematics, Flinders' general entry pathway to the Bachelor of Engineering (Honours) provides a guaranteed entry pathway for students who have passed SACE stage two general mathematics or SACE stage one mathematics. The course includes additional mathematics and physics, enabling students to transfer into and complete any of Flinders' Bachelor of Engineering (Honours) degrees in 4.5 years or less.

<table>
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<th>SATAC code</th>
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<tbody>
<tr>
<td>Prerequisites</td>
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<tr>
<td>Assumed knowledge</td>
<td>None</td>
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<tr>
<td>2022 selection rank</td>
<td>70.00</td>
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<td>Guaranteed entry selection rank</td>
<td>80.00</td>
</tr>
<tr>
<td>TAFElink</td>
<td>Dip or above</td>
</tr>
<tr>
<td>Adjustment factors</td>
<td>Yes</td>
</tr>
</tbody>
</table>

This degree provides a pathway to the following degrees:

- Bachelor of Engineering (Biomedical) (Honours)
- Bachelor of Engineering (Civil) (Honours)
- Bachelor of Engineering (Electrical and Electronic) (Honours)
- Bachelor of Engineering (Environmental) (Honours)
- Bachelor of Engineering (Maritime) (Honours)
- Bachelor of Engineering (Mechanical) (Honours)
- Bachelor of Engineering (Robotics) (Honours)
- Bachelor of Engineering (Software) (Honours)

Gain the foundations for further study in engineering or for a career in an engineering-related field. The degree offers specialisations in biomedical engineering, civil engineering, electrical engineering, electronic engineering, mechanical engineering, software engineering, and design and technology.

**Bachelor of Engineering Science**

Gain the foundations for further study in engineering or for a career in an engineering-related field. The degree offers specialisations in biomedical engineering, civil engineering, electrical engineering, electronic engineering, mechanical engineering, software engineering, and design and technology.

<table>
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<tr>
<th>SATAC code</th>
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<tr>
<td>Prerequisites</td>
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<tr>
<td>Assumed knowledge</td>
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<td>2022 selection rank</td>
<td>60.00</td>
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<td>Guaranteed entry selection rank</td>
<td>70.00</td>
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<tr>
<td>TAFElink</td>
<td>Cert IV or above</td>
</tr>
<tr>
<td>Adjustment factors</td>
<td>Yes</td>
</tr>
</tbody>
</table>

This degree provides a pathway to the following degrees:

- Bachelor of Engineering (Biomedical) (Honours)
- Bachelor of Engineering (Civil) (Honours)
- Bachelor of Engineering (Electrical and Electronic) (Honours)
- Bachelor of Engineering (Environmental) (Honours)
- Bachelor of Engineering (Maritime) (Honours)
- Bachelor of Engineering (Mechanical) (Honours)
- Bachelor of Engineering (Robotics) (Honours)
- Bachelor of Engineering (Software) (Honours)

More information on the Bachelor of Engineering Science can be found on page 13. Find out more flinders.edu.au/engineeringpathways
Computer Science & Information Technology

Create your own career in an expanding industry
There are a wide range of careers available in computing. Flinders computing will give you the career-ready skills to work in areas such as medical research, climate change, the environment and business.

Become your own boss
Our focus on innovation and entrepreneurship could see you contribute to the creative industries or the development of new products and services. Your Flinders computing degree could help you make your own way in areas as diverse as business, commerce, defence, medical research, climate change and the environment.

Study at the cutting edge
Flinders’ $120 million science and technology precinct at Tonsley provides state-of-the-art facilities, including specialised collaborative computer and communications network labs. Combined with close ties to industry and incredible placement opportunities, you’ll graduate career-ready with a professionally accredited degree.

Flinders University Work Integrated Learning
Flinders University Work Integrated Learning (WIL) partner Micro-X designs, develops and manufactures a range of innovative, ultra-lightweight, mobile x-ray imaging systems for medical and security applications.

Real-world experience
“Micro-X has been involved in the WIL program since early 2018. Systems Engineer Lead Chris Delnooz believes the benefits of Flinders’ unique, 20-week WIL program are substantial to both the company and the students taking part.

“We have always employed new graduates; however, the WIL program allows us to assess the students’ skills before hiring them. This makes for an ideal recruitment process, where both Micro-X and the student have a good idea what they are committing to when it comes to employment.

Generally, we find interesting projects that a student can take on and own from beginning to end. Students have been able to design and build prototype rigs for CT imaging and perform data collection, algorithm development, software development and electronics design.

We are committed to the development of the next generation of scientists and engineers that will contribute to our culture of innovation and pushing the limits of technology. Providing opportunities for WIL placements is part of that commitment. In addition, we have been able to retain the majority of our placement students as full-time employees after they completed their degree.”

Chris Delnooz
Systems Engineer Lead, Micro-X

No. 1 in SA in Computing & Information Systems for overall educational experience and student support*

* The Good Universities Guide 2022 (postgraduate), public SA-founded universities only

Industry partnerships lead to careers
As an authorised Cisco Academy, Flinders, through its partnership with Cisco, allows you to undertake courses that contribute towards certification as a Cisco certified entry networking technician (CCENT) or Cisco certified networking associate (CCNA).

* Industry partnerships lead to careers

For more information visit: flinders.edu.au/computer-science-information-technology
Bachelor of Geospatial Information Systems
Bachelor of Computer Science
Bachelor of Computer Science (Artificial Intelligence)
Bachelor of Information Technology

In this degree, you’ll be taught skills to support change and growth in areas like global warming, urban planning, mining and exploration, archaeology, transportation and biodiversity management. We integrate field-based data acquisition with modern technology, computer workshops and classroom-based theory.

**Bachelor of Geospatial Information Systems**

- Study at a university that leads Australia in implementing and teaching the latest geospatial technologies including Earth Observation and Geospatial Platform. Study a secondary area including biology, geography and environmental studies, archaeology and criminology.
- Gain practical experience and develop on-the-job use of a range of relevant digital technologies in our dedicated Spatial Information Systems Laboratory.
- Benefit from teaching and research in ground-based LiDAR and image spectrophotometers.
- Develop contacts and work skills through an industry placement in an environmental agency.
- The degree meets the international standards of geospatial science.

**Career opportunities**

Your degree could open up a range of employment opportunities, including:

- Geographic analyst
- GIS data coordinator
- GIS technician
- Geospatial specialist
- Mapping technology officer
- Natural resource information officer
- Remote sensing officer
- Spatial ecologist/scientist.

**Potential employers include:**
- Government departments
- Regional development centres
- Agriculture and horticulture centres
- Not-for-profit agencies
- Mining, oil and gas, water, forestry and agriculture industries
- Australian Bureau of Statistics (ABS).

**Bachelor of Computer Science**

- Gain the applied skills, tools and techniques to work as a professional software designer and developer. This degree will give you the practical experience required to design efficient, reliable software that meets industry standards. You’ll also learn about the hardware on which software runs. You’ll graduate with a comprehensive understanding of both the theoretical and practical aspects of computing technologies, prepared for a career in a computing-related field.

**Bachelor of Computer Science (Artificial Intelligence)**

- Turn science fiction dreams into reality and build a career creating a world of intelligent, communicating computers and gadgets. You’ll study at the leading edge of AI science and learn how artificial intelligence is integrated into areas as diverse as health, online shopping and driverless transport. You’ll gain the skills to build systems that have human-like intelligence and understand human expression, emotion and body language.

**Bachelor of Information Technology**

- Gain the applied skills, tools and techniques to work as a professional software designer and developer. This degree will give you the practical experience required to design efficient, reliable software that meets industry standards. You’ll also learn about the hardware on which software runs. You’ll graduate with a comprehensive understanding of both the theoretical and practical aspects of computing technologies, prepared for a career in a computing-related field.
Bachelor of Information Technology (Game Development)

Bachelor of Information Technology (Game Development) (Honours)

If you love games and want to learn how to make them, this course will familiarise you with the tools and practices of game development. Alongside entertainment applications, game development is used to create experiences to aid in training, marketing or for social change.

You could develop games to enhance skill development and knowledge acquisition for critical future industries or for current needs across a range of areas from construction to defence, corporate organisations to healthcare, education to public policy.

The demand for graduates able to design, implement, maintain and manage networked computer systems is growing rapidly. This degree will equip you with a comprehensive understanding of computer security, communications technology, administration, network engineering, enterprise systems and information networks. You'll graduate with in-demand qualifications for the technology-driven marketplace.

SATAC code
224701
SATAC code (Honours)
224711
Prerequisites
None
Assumed knowledge
None
2022 selection rank (Honours)
80.00
2022 selection rank (Honours)
80.00
Guaranteed entry selection rank (Honours)
65.00
Guaranteed entry selection rank (Honours)
65.00
TAFElink
Can for or above
TAFElink (Honours)
Dip or above
Adjustment factors
Yes

Career opportunities
Your degree could open up a range of employment opportunities, including:
• digital content creator
• Javascript developer
• game economy designer
• gameplay developer
• game programmer.

Potential employers include:
• Gamelab
• Imagination Games
• Davidson Technology/ITCOM
• Academy of Interactive Entertainment.

Possible employments:
• Game designer
• Game programmer
• Game tester
• game content specialist
• game producer.

Bachelor of Information Technology (Network and Cybersecurity Systems)

Bachelor of Information Technology (Network and Cybersecurity Systems) (Honours)

The demand for graduates able to design, implement, maintain and manage networked computer systems is growing rapidly. This degree will equip you with a comprehensive understanding of computer security, communications technology, administration, network engineering, enterprise systems and information networks. You’ll graduate with in-demand qualifications for the technology-driven marketplace.

SATAC code
224701
SATAC code (Honours)
224711
Prerequisites
None
Assumed knowledge
Yes*
2022 selection rank (Honours)
80.00
2022 selection rank (Honours)
80.00
Guaranteed entry selection rank (Honours)
65.00
Guaranteed entry selection rank (Honours)
65.00
TAFElink
Can for or above
TAFElink (Honours)
Dip or above
Adjustment factors
Yes

Career opportunities
Your degree could open up a range of employment opportunities, including:
• network engineer
• systems support officer
• cloud applications net developer
• information and IT security analyst.

Potential employers include:
• Accenture
• Plenary Networks
• Australian Federal Police
• Interactive Intelligence Group
• Department of Communications.

Combined degrees can enhance your job prospects
Combining your degree with a qualification in another discipline will help you develop specialised abilities to stand out from the pack. Studying a combined degree at Flinders is the key to enhancing your career opportunities. Example degree combinations:

Bachelor of Information Technology (Network and Cybersecurity Systems)/Bachelor of Criminology

SATAC CODE 224701

This exciting combined degree brings together your studies in network and cybersecurity systems with criminology, providing a comprehensive understanding of computer security, communications technology, administration, network engineering, enterprise systems and information networks. Graduates possess high-demand qualifications for the technology-driven marketplace.

For a full list of combined degree options visit:
finders.edu.au/combineddegrees

You may also be interested in...

Flinders offers a range of degrees to capture your interest and let you chase your passions. You could take the first steps towards a rewarding career. Explore these degrees:

Bachelor of Engineering (Robotics) (Honours)

SATAC CODE: 224841

Create a career designing the robot workforce of the future. Changes to the way our workforce operates are opening up career opportunities in fields like robotics. This degree will see you graduate with the latest learning in robotics technologies, preparing you to become a key player in developing the robots that will populate our future. This degree combines electronics, computer control, signal processing and programming in the design, development and application of robots and their integration with other systems in the work environment.

Bachelor of Engineering (Software) (Honours)

SATAC CODE: 224851

Combine the skill of engineering with the power of computer technology. This future-oriented course enables you to choose a course of study with either an electronics or computer science focus. It provides you with a solid foundation in the technical and professional skills and knowledge required to pursue a successful career in the software industry.

Find out more at flinders.edu.au/study
Bachelor of Engineering (Civil) (Honours)
Civil engineering deals with the design and construction of major physical infrastructure, including buildings, roads and railways, bridges, airports, dams and pipelines. The problems to be addressed in working with the natural environment, particularly in a low-carbon economy, mean that civil engineering is an exciting and wide-ranging discipline.

Bachelor of Engineering (Electrical and Electronic) (Honours)
Electrical engineering is concerned with large-scale electrical systems including renewable power generation and electric motors. Electronic engineering focuses on lower-voltage systems such as computer systems, communication networks and integrated circuits. Together they are critical for next-generation applications such as autonomous vehicles, space technology, smart cities and a low-carbon economy.

Bachelor of Engineering (Maritime) (Honours)
Specialise in naval architecture, ocean engineering, or marine and offshore systems by studying maritime engineering at Flinders University. The Bachelor of Engineering (Maritime) (Honours) has been developed to meet the needs of the maritime engineering design, construction and related industries.

The course is recognised internationally by the Royal Institute of Naval Architects and the Institute of Marine Engineering, Science and Technology, preparing you to become a professional engineer in the maritime engineering industry.

Access state-of-the-art experimental facilities at Flinders University and the Australian Maritime College in Launceston and prepare for career opportunities available in Australia, Europe, USA, UK and Asia.

Bachelor of Engineering (Mechanical) (Honours)
Push mechanical systems to the limit in a challenging and rewarding field. Build a hands-on career with real-world applications. Learn to design, construct and operate mechanical systems.

Bachelor of Engineering (Robotics) (Honours)
Create a career designing the robot workforce of the future. This degree will see you graduate with the latest in robotics technologies, preparing you to become a key player in developing the robots that will populate our future. High-achieving students can use the Bachelor of Engineering (Robotics) (Honours) as a pathway into a Master of Engineering (Electrical and Electronic).

Bachelor of Engineering (Software) (Honours)
This degree has been specifically created for students looking to work as professional software engineers and provides you with a solid foundation in the technical and professional skills and knowledge required to pursue a successful career in the software industry.

Bachelor of Engineering Science
In this degree you’ll gain the foundations for further study in engineering or for a career in an engineering-related field. The degree offers specialisation in biomedical engineering, civil engineering, electrical and electronic engineering, mechanical engineering, software engineering, and design and technology.

Bachelor of Engineering Technology (Systems and Security)
Developed in collaboration with the Defence Science and Technology Group within the Department of Defence, this course encompasses a wide range of communication mediums including radar, radio and microwave. A particular focus will be placed on telecommunications that adopt these in conjunction with studies in signal processing, infrared imaging systems, multi-spectral sensing, satellite communications, computer networks and telecommunications.

Bachelor of Engineering Technology (Systems and Security)/Bachelor of Science (Physics)
This four-year combined degree represents a unique and exciting pathway to work in a cutting-edge, high-technology area. Paired with the Bachelor of Science (Physics), the Bachelor of Engineering Technology (Electronic Systems and Security) has been designed to develop future-ready graduates to help government, industry and academia tackle the most challenging security problems facing Australia.

Bachelor of Information Technology
Be a power-player and build a career in our networked society. This degree will equip you with a comprehensive understanding of computer security, communications technology, administration, network engineering, enterprise systems and information networks.

Bachelor of Mathematical Sciences
Mathematics is the foundation of many industries. Demand for mathematics graduates is particularly strong in areas including science, engineering, technology and business, and in areas as diverse as linguistics and health. The degree is designed to produce industry-focused graduates who are in demand in a range of careers that use mathematics.

Bachelor of Business (International Business)
Develop advanced skills and knowledge relating to international trade and prepare yourself for a global career. Learn how culture, language, political systems and socio-economic factors affect international business practice in core business disciplines of finance, marketing, human resource (HR) management and global sustainability.

Bachelor of Business (Management) (Online)
Build the foundations of a rewarding management career by combining studies across all areas of business practice, including planning, decision-making, e-business, marketing, and HR and strategic management.

Bachelor of Computer Science
Bachelor of Computer Science (Honours)
Gain the applied skills, tools and techniques to work as a professional software designer and developer. This degree will give you the practical experience required to design efficient, reliable software that meets industry standards. You’ll also learn about the hardware on which software runs. You’ll graduate with a comprehensive understanding of all aspects of computing technologies, prepared for an exciting career.

Bachelor of Computer Science (Artificial Intelligence) Bachelor of Computer Science (Artificial Intelligence) (Honours)
Turn science fiction dreams into reality and build a career creating a world of intelligent, communication-capable computers and gadgets. You’ll learn about the leading edge of AI science and learn how artificial intelligence is integrated into areas as diverse as health, online shopping and driverless transport. You’ll gain the skills to build systems that have human-like intelligence and understand human expression, emotion and body language.

Bachelor of Engineering Technology (Systems and Security)/Bachelor of Science (Physics)
Paired with the Bachelor of Science (Physics), the Bachelor of Engineering Technology (Electronic Systems and Security) has been designed to develop future-ready graduates to help government, industry and academia tackle the most challenging security problems facing Australia.

Defence & National Security

Get a taste of engineering before choosing your specialisation
Bachelor of Engineering (Honours) – Flexible Entry
Embark on a first-year engineering degree without choosing the engineering specialisation you wish to pursue with the Bachelor of Engineering (Honours) – Flexible Entry. At the end of your first year, you can transition to a named engineering degree of your choice without having to study the standard four-year course.

A pathway with a guaranteed entry to engineering
Bachelor of Engineering (Honours) – General Entry
Flinders’ general entry pathway to the Bachelor of Engineering (Honours) provides a guaranteed entry pathway for students who have passed SACE stage two General Mathematics or SACE stage one Mathematics. The course includes additional mathematics and physics, enabling students to transfer into and complete any of Flinders’ Bachelor of Engineering (Honours) degrees in 4.5 years or less.

Real-world opportunities
Flinders students have the opportunity to apply for a range of defence-related scholarships or internships with major defence companies such as BAE Systems, Lockheed Martin, Northrop Grumman, Rosyth Defence, Naval Group, Thales, Defence Science and Technology Group and ASC.

Scholarships available
Flinders University in collaboration with Defence Science and Technology are excited to offer scholarships for high-performing Australian students who enrol in the combined Bachelor of Engineering Technology (Electronic Systems and Security), Bachelor of Science (Physics) course. Apply to SATAC now.

No. 1 SA university for learner engagement, skills development, student support and starting salary* *The Good Universities Guide 2020 (undergraduate); public SA-founded universities only
Starting at Flinders

One of the world’s top universities, Flinders offers students a supportive, inclusive education in an unrivalled study environment.

Flinders is ranked in the top 2% of universities in the world*.

*The World University Rankings 2022 as a percentage of the total number of universities in the world according to the International Association of Universities.

This is Flinders

Flinders’ Adelaide campuses include the Bedford Park campus, featuring an award-winning hub and plaza, with retail, food outlets and a state-of-the-art sport and fitness centre.

Flinders at Tonsley houses state-of-the-art facilities and close links to industry. In 2024, our Victoria Square CBD campus will move to the stunning new Flinders at Festival Tower on North Terrace, right beside the Adelaide Railway Station.

Take a virtual tour of Flinders University and explore our amazing locations. It’s the next best thing to being here!

Flinders.edu.au/vr

Flinders at Festival Plaza – opening 2024

Flinders University students want flexibility, convenience and connectivity. That’s why we’re taking our presence in the Adelaide CBD to a whole new level. As an anchor tenant in the new Festival Plaza development on North Terrace, Flinders will offer new courses and new career pathways in a new city campus.

Bedford Park

Flinders’ huge main campus features an award-winning hub and plaza, with retail, food outlets and a state-of-the-art sport and fitness centre.

Tonsley

Flinders at Tonsley is a place where our students interact with business, and where business interacts with our researchers in areas such as engineering, medical devices and nanoscale technologies.
Getting to Flinders

Transport options
The Flinders Railway Line gets you from the CBD to Tonsley in a super-fast 20 minutes, or to Bedford Park in just 22 minutes. And with free Campus Connector and Tonsley Link bus services running 7am – 6pm Monday to Friday, getting to and from your studies is simple. You’ll be able to schedule your day without worrying about missing a single lecture!
flinders.edu.au/loop-bus

Plan your trip to Flinders:
adelaidemetro.com.au/routes/flndrs

The Flinders railway line is now open
The new Flinders train line has made travel easier and more convenient than ever, linking Bedford Park to our Tonsley campus and the Adelaide city centre, now just 22 minutes away.

A new link from the north
Opened in June 2022, the electrified Gawler Rail Line provides services from the northern suburbs to the CBD, with express services expected to take around 48 minutes from Gawler to the CBD.
Plan your trip to Flinders CBD:
adelaidemetro.com.au/routes/gawc

Gawler to Festival Plaza in 48 minutes

Key
- Flinders University Campus Locations
- Hospital
- Buses (including loop buses)
  - Flinders campus loop: 16 minutes
  - Tonsley loop to Bedford Park: 16 minutes
- Tonsley Station (20 minutes to CBD)
- Flinders Station (22 minutes to CBD)
- Train Lines
  - Main Roads (25 minutes to CBD)
  - Shopping Centre
  - Flinders Station Plaza to Bedford Park (5 minutes)
Get more out of your study

Begin your journey to a successful career

Pathways to study

Combined degrees

Combining your degree with a qualification in another discipline will give you more expertise and expand your career prospects. Studying a combined degree at Flinders will help you stand out from the crowd. A combined degree at Flinders will help you stand out from the crowd. A combined degree at Flinders will help you stand out from the crowd. A combined degree at Flinders will help you stand out from the crowd.

Flinders’ combined degree programs are designed to enhance your interests and find out where a combined degree could take you.

Flinders’ combined degrees allow you to undertake in-depth study in exciting combinations that aren’t usually available in single degrees.

flinders.edu.au/combineddegrees

Flinders diplomas

Flinders’ diplomas give you the chance to experience university life without having to commit to long-term study.

The one-year Diploma in Business, Diploma in Laws, or Diploma in Arts give you the chance to explore a range of interests, and successful completion allows you to apply for up to one year of credit towards a range of bachelor degrees, and guaranteed entry to the following courses:

- Bachelor of Archaeology
- Bachelor of Arts
- Bachelor of Business
- Bachelor of Business Economics
- Bachelor of Creative Industries (Digital Media, Film and Television, Interactive Design, Theatre and Performance, Writing and Publishing, Festivals and Arts Production)
- Bachelor of Disability and Community Inclusion
- Bachelor of Disability and Developmental Education
- Bachelor of Engineering Science
- Bachelor of Information Technology
- Bachelor of International Business (Wine, Spirits and Tourism)
- Bachelor of International Relations and Political Science
- Bachelor of Law and Society
- Bachelor of Laws
- Bachelor of Laws (Honours)
- Bachelor of Laws and Legal Practice
- Bachelor of Laws and Legal Practice (Honours)
- Bachelor of Science
- Bachelor of Science

Standard University admission requirements apply.

flinders.edu.au/diplomas

If you have secondary education

Year 12 Entry

Most Year 12 applicants enter university via the traditional entry method, where offers are made to eligible applicants with the highest selection rank until all places in the degree are filled. Your selection rank is used by Flinders to assess your admission to a course and is based on your ATAR plus any adjustment factors for which you are eligible.

flinders.edu.au/year12

Guaranteed entry

If you achieve an ATAR equal to or above the published guaranteed entry selection rank (and you meet course prerequisites) you will be guaranteed a place at Flinders. We offer guaranteed entry for most courses.

Indigenous Admission Scheme

The Indigenous Admission Scheme provides an alternative pathway for Aboriginal and Torres Strait Islander people, who may not have been able to gain entry to university by traditional means, with the opportunity to study at Flinders.

See page 36 for further details.

Elite Athlete Pathway

If you’ve officially represented your school or state at a national level competition, we’ll consider your school’s recommendation about your academic potential when you apply.

flinders.edu.au/study/sport/elite-athletes

Research Project B Pathway

If you have strong results in the Research Project B subject you will be considered for entry into Flinders on the basis of your Year 12 results and Research Project B performance.

flinders.edu.au/study/pathways/year-12-entry/research-project

School Recommendation Program

We may consider your school’s recommendation about your academic performance as part of your admission into Flinders.

uniTEST

If you’re in Year 12, uniTEST is available to enhance your chances of getting into Flinders. We will select students based on their Year 12 results (60% weighting toward the ATAR selection rank) and uniTEST results (40%).

Flinders will also consider applicants based on their uniTEST results (100%) as a standalone entry score (subject to SACE completion and any course prerequisites or specific admissions requirements). If you take the test and don’t do well, we will only consider your highest selection rank.

flinders.edu.au/udgetest

If you haven’t achieved the results you expected

If you haven’t achieved the results you expected in Year 12, there are a number of pathways to your preferred degree. You can start studying one course and move to another via internal transfer or Flinderslink.

flinders.edu.au/study/pathways/flinderslink

Pathways to study

Whether you are a school leaver or returning to study at a later date, there are many ways to gain admission to Flinders University. Explore your options and find the entry path that’s right for you.

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- Bachelor of Arts
- Bachelor of Business
- Bachelor of Business Economics
- Bachelor of Creative Industries (Digital Media, Film and Television, Interactive Design, Theatre and Performance, Writing and Publishing, Festivals and Arts Production)
- Bachelor of Disability and Community Inclusion
- Bachelor of Disability and Developmental Education
- Bachelor of Engineering Science
- Bachelor of Information Technology
- Bachelor of International Business (Wine, Spirits and Tourism)
- Bachelor of International Relations and Political Science
- Bachelor of Law and Society
- Bachelor of Laws
- Bachelor of Laws (Honours)
- Bachelor of Laws and Legal Practice
- Bachelor of Laws and Legal Practice (Honours)
- Bachelor of Science
- Bachelor of Science

Standard University admission requirements apply.

flinders.edu.au/diplomas

If you have secondary education

Year 12 Entry

Most Year 12 applicants enter university via the traditional entry method, where offers are made to eligible applicants with the highest selection rank until all places in the degree are filled. Your selection rank is used by Flinders to assess your admission to a course and is based on your ATAR plus any adjustment factors for which you are eligible.

flinders.edu.au/year12

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flinders.edu.au/study/sport/elite-athletes

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If you have strong results in the Research Project B subject you will be considered for entry into Flinders on the basis of your Year 12 results and Research Project B performance.

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Flinders will also consider applicants based on their uniTEST results (100%) as a standalone entry score (subject to SACE completion and any course prerequisites or specific admissions requirements). If you take the test and don’t do well, we will only consider your highest selection rank.

flinders.edu.au/udgetest

If you haven’t achieved the results you expected

If you haven’t achieved the results you expected in Year 12, there are a number of pathways to your preferred degree. You can start studying one course and move to another via internal transfer or Flinderslink.

flinders.edu.au/study/pathways/flinderslink

Pathways to study

Whether you are a school leaver or returning to study at a later date, there are many ways to gain admission to Flinders University. Explore your options and find the entry path that’s right for you.
If you have work and life experience

Foundation Studies
The Foundation Studies program has been designed to introduce you to university study in a supportive learning environment. Open to people from all backgrounds, Foundation Studies provides a pathway to gain entry to most degrees at Flinders and offers guaranteed entry into some degrees.
flinders.edu.au/study/pathways/foundation-studies

Military Pathways
Use your military service in the Australian Defence Force as a pathway to a Flinders University degree.
flinders.edu.au/study/pathways/military-veterans

Special Tertiary Admissions Test (STAT)
Adult entry to university via the Special Tertiary Admissions Test (STAT) enables people aged 18 years and over to apply to study at Flinders via the Special Tertiary Admissions Test (STAT). Applications are made via SATAC.
setac.edu.au/stat
Alternatively, you may wish to consider an undergraduate certificate or diploma. These shorter courses allow you the opportunity to explore your interests and to progress to further study. Certificate courses are Commonwealth supported.
flinders.edu.au/pathways

If you have some higher education

Tertiary Transfer
If you have completed at least one semester of full-time equivalent study at university, you may be able to transfer to study at Flinders University using your grade point average (GPA).

TAFelink
Flinders offers guaranteed entry to selected degrees for applicants who have completed a TAFE/VET Certificate IV or higher-level qualification, as long as degree prerequisites are met.
flinders.edu.au/tafelink

TAFE SA Dual Offers
Flinders University together with TAFE SA offer dual offer pathways in various disciplines.
flinders.edu.au/pathways

Whatever you decide to study at Flinders, we’re always here to help you succeed.

Careers & Employability Service
The Careers and Employability Service helps give you the edge in your career. CareerHub, our online employment portal, offers personalised job opportunities, career planning, programs to help you broaden your skills and experience, access to employer events and career-related resources. Whatever you are studying, CareerHub can help you find your direction and start your career.
flinders.edu.au/careers

Flinders Connect
Flinders Connect can help with everything from enrolment and fees to exams and graduation. You can also access Flinders Connect for specialist services in admissions, careers and IT help. A range of support services is also available.
flinders.edu.au/flindersconnect

Flinders Library
Our extensive library is more than a book repository. We provide a range of services such as computing and printing, document delivery and one-on-one librarian appointments for assistance with search strategies and finding resources for your assignments.
lifeibrary.flinders.edu.au

Flinders Living
Flinders is the only university in Adelaide that gives you the opportunity to live on campus, and both University Hall and Deirdre Jordan Village are located within the Bedford Park campus. The wide range of social, sporting and community activities also enhances the student experience at Flinders Living.
flinders.edu.au/living

Flinders University Student Association
The Flinders University Student Association (FUSA) continues a long tradition of active student involvement and represents the rights and interests of students. FUSA manages social events, non-sporting clubs and societies, and the student publication Empire Times, and helps with academic, administrative and welfare issues.
fusa.edu.au

Health, Counselling & Disability Services
Managing your health is important. We have facilities and services available to help you look after your physical and mental health.
flinders.edu.au/hcd

Horizon Award
The Flinders Horizon Award program sits alongside your academic studies; it is an innovative program that provides further opportunities to develop your professional skills and gain new experiences and insights that will benefit you now and in your future career.
flinders.edu.au/horizon

Transition to university
Starting at university is a big step; let’s make it easier. The Student Learning Centre provides a range of services from writing and mathematics support to assistance with study and time-management skills.
students.flinders.edu.au/study-support/slc

Yungkurrinth Student Engagement
Yungkurrinth Student Engagement is committed to increasing Aboriginal and Torres Strait Islander student access, participation, retention and success at Flinders University. Providing a range of services and supports for Aboriginal and Torres Strait Islander students, our team of highly qualified staff is dedicated to supporting you throughout your student journey.
flinders.edu.au/study/indigenous-students

TAFElink
Flinders offers guaranteed entry to selected degrees for applicants who have completed a TAFE/VET Certificate IV or higher-level qualification, as long as degree prerequisites are met.
flinders.edu.au/tafelink

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Flinders University together with TAFE SA offer dual offer pathways in various disciplines.
flinders.edu.au/pathways

Alternatively, you may wish to consider an undergraduate certificate or diploma. These shorter courses allow you the opportunity to explore your interests and to progress to further study. Certificate courses are Commonwealth supported.
flinders.edu.au/pathways

If you have some higher education

Tertiary Transfer
If you have completed at least one semester of full-time equivalent study at university, you may be able to transfer to study at Flinders University using your grade point average (GPA).

TAFelink
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flinders.edu.au/tafelink

TAFE SA Dual Offers
Flinders University together with TAFE SA offer dual offer pathways in various disciplines.
flinders.edu.au/pathways
The Indigenous Admission Scheme provides an alternative pathway for Aboriginal and Torres Strait Islander people, who may not have been able to gain entry to university by traditional means, with the opportunity to study at Flinders.

Are you eligible?
To be eligible for the Indigenous Admission Scheme you must be an Aboriginal or Torres Strait Islander person in accordance with the Commonwealth definition, which requires you to:
- be of Aboriginal or Torres Strait Islander descent, and
- identify as an Aboriginal or Torres Strait Islander, and
- be accepted as an Aboriginal or Torres Strait Islander in the community in which you live or have lived. You may be currently studying Year 12 or be a non-school leaver.

How to apply
1. Apply for the course you want to study through the South Australian Tertiary Admissions Centre (SATAC). You will get an application number from SATAC that you will need for your Indigenous Admission Scheme application form.
2. Complete the Indigenous Admission Scheme application form online (flinders.edu.au/indigenousadmissions). If you are having trouble completing an online application, you can request a paper based application via ias@flinders.edu.au or call us on 08 8201 3033.
3. An interview is part of the application process, but you will be notified about this.

Application and interview dates
First round applications close early January for semester 1. For our midyear intake to a number of courses, applications close in June.
flinders.edu.au/indigenousadmissions

“I originally chose Flinders as they have one of the best facilities for future teachers and fantastic student engagement. Studying at Flinders has been a wonderful experience that has given me the opportunity to discover what I truly want into the future while also providing me with support in every way imaginable. Flinders and Yungkurrinthi have given me the opportunity to meet others with similar ambitions and goals as myself and find the benefit of an education in places I would never have thought to look. As a proud Indigenous woman, I want to use my degree to work in First Nation communities to help our young people make it through their high schooling experience and onto their own future aspirations.”

Emilee Pyrke
Bachelor of Arts,
Conditional entry to Master of Teaching (Secondary)

Over 450 scholarships worth $2.4 million in total – ranging from $1,000 to $20,000.

Take your studies overseas
Why wait until you graduate to explore the world? Flinders’ Learn Without Borders could see you studying overseas, gaining a unique perspective and immersing yourself in a different culture, language and lifestyle. Our global study programs are designed to allow students to take their Flinders study overseas and earn academic credit toward their Flinders program. With 70+ overseas partner universities, why wait until you graduate to see the world?
flinders.edu.au/learn-without-borders

Explore Flinders scholarships
Flinders offers a generous range of scholarships for students in undergraduate courses. With over 450 available scholarships, including scholarships to students from low socio-economic backgrounds, students from rural and regional areas, and Aboriginal and Torres Strait Islander students, you may be eligible for support that will help you achieve your goals at university.
flinders.edu.au/scholarships

“I always knew I wanted to study overseas at some stage during my degree. A semester exchange gave me the chance to complete topics that weren’t available in my home university and experience life in a city that is very different to my own. Having completed a semester overseas, I now have an edge over the countless other students that are completing the same degree as me and have formed memories that will always stay with me.”
Annelise Smith
Bachelor of Business
(Advanced Leadership)

“The Wyndham Richardson Scholarship Fund has been invaluable to reduce the financial pressure during studies, especially now that I am in the later years of my degree.”
Ryan Rowston
Bachelor of Computer Science
Wyndham Richardson Scholarship Fund recipient
How to apply

Check the application dates
Applicants need to apply through the South Australian Tertiary Admissions Centre (SATAC) satac.edu.au

Read the course information
• check the admission criteria
• check the prerequisites
• check assumed knowledge and additional admission criteria
• consider combined degrees
• consider pathways to your degree

Visit us
• attend Flinders Open Days
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Accept your offer
Enrol in your subject/topics at students.flinders.edu.au/my-course/enrolment

When can I start?

Glossary

Flinders offers two admissions cycles each year for undergraduate degrees.

Semester 1 – March start
Applications open in August for commencement the following year.

Semester 2* – July start
Mid-year applications open in August for commencement in July the following year.
* Not all degrees are offered for semester 2.

Key dates
Flinders Open Days: Friday 12 August, Saturday 13 August 2022
Semester 1 Orientation week: 20 February 2023
Semester 2 start date: 17 July 2023
Semester 2 Orientation week: 24 July 2023

Fees and charges
Your course fees – Commonwealth support
All our courses list indicative fees, but as an undergraduate student your course is Commonwealth supported provided you’re an eligible Australian citizen, New Zealand citizen or permanent resident.
Your course being Commonwealth supported means that your course fees are shared between the Australian government and you – with your portion being the student contribution amount.

HECS-HELP loan
You won’t have to pay your fees up-front if you’re an Australian citizen or holder of a permanent humanitarian visa. You can get a HECS-HELP loan for your student contribution portion of your uni fees. Find out more about costs to plan for while you’re at uni at flinders.edu.au/fees

There are many terms used within a university that may be unfamiliar or confusing. Below are a few terms that may need explanation.

Admission pathway
Any one of the options available to a prospective higher education student that will enable them to meet the entry requirements of their chosen courses.

ATAR
The Australian Tertiary Admission Rank (ATAR) is a ranking from 30 (lowest) to 99.95 (highest) agreed by COAG as a nationally equivalent measure of a person’s relative academic ranking within their complete age cohort in the year they graduated from senior secondary school.

Adjustment factors
Often referred to as ‘bonus points’, these are additional points that may be used in combination with an applicant’s university aggregate to derive a person’s course selection rank.

Defer
Delaying the start of a course of study by one year (commencing students only). If you have already enrolled, then you need to withdraw from topics before you can defer.

Not all courses are deferrable, please visit flinders.edu.au/defer for details.

Guaranteed entry selection rank
Achieve a selection rank equal to or above the published guaranteed entry selection rank and you’ll be guaranteed a place at Flinders.

Major
A sequence of topics required to be taken as defined in your course rule, normally across all years of a course.

Minor
A sequence of topics required to be taken as defined in your course rule, generally as part of a major.

Offer round/s
Refers to the series of dates on which offers of higher education places are issued to applicants throughout the year, whether through a tertiary admission centre or directly by a higher education provider.

Selection rank
The ranking that tertiary admission centres and most universities actually use to assess admission to a course. A person’s course selection rank can include their ATAR, any adjustments they are eligible for, such as equity or subject adjustments, other contributions calculated on the basis of work experiences or previous non-secondary study, portfolio assessments, results of the Special Tertiary Admissions Test, other supplementary tests, etc.

Listing your SATAC preferences
You may enter up to six course preferences that you would like to study. You should list these in order in which you’d like to study them, with the one you would like most listed first. If you cannot be offered a place in your first preference, you will then be considered for your second preference and so on. It is also important to consider a backup plan. Ensure you include our recommended pathway courses in your preferences.

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Engineering, Defence, Computer Science & Information Technology

Contact us
Our friendly staff are available to answer your questions:
1300 354 633 (local call cost)  |  askflinders@flinders.edu.au  |  flinders.edu.au/ask

International students should contact:
+61 8 8201 2727  |  flinders.edu.au/international  |  INTLAdmissions@flinders.edu.au

Every effort has been made to ensure the information in this brochure is accurate at the time of publication: July 2022. Flinders University reserves the right to alter any course or topic contained herein without prior notice. Alterations are reflected in the course information available on the University’s website. CRICOS No. 00114A