Taking your first step into university life is a big change. New faces, new spaces, new experiences.

That’s why at Flinders, we do all we can to make your time at university the best it can be.

Our facilities are purpose-built for your study needs, providing the best the world has to offer.

Plugged into industry trends, professional placements and practical experiences, our teaching is designed to take you from learning to earning.

Our researchers and lecturers are ready to equip you with up-to-the-minute knowledge based on our world-class research. You’ll gain specialised skills and knowledge in your chosen field plus develop abilities in independent thinking, communication, collaboration, ethics and creativity — qualities that will prepare you to become an expert and innovator in your field.

Everything we do at Flinders is designed to give you the best possible study experience and prepare you not just to succeed, but to go beyond.

Find out more flinders.edu.au/experience

The technology industry is fast paced, stimulating and a key innovator in multiple fields. You could drive innovation and solve real-world problems.

CREATE YOUR OWN FUTURE IN AN EXPANDING INDUSTRY
There are a wide range of careers available in information technology. You could work in areas such as medical research, climate change, the environment and business, or contribute to the creative industries and the development of new products and services.

A REWARDING CAREER
Make a difference in areas as diverse as business, commerce, defence, medical research, climate change and the environment. The skills and knowledge you’ll develop at Flinders are in high demand, and could help create innovative solutions to the challenges arising from technological changes.

STUDY FOR SUCCESS
You’ll study at our $120 million science and technology precinct at Tonsley. With close ties to industry and state-of-the-art facilities, including specialised collaborative computer and communications network labs, you’ll graduate career-ready with a professionally accredited degree.

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Would you like to work in a field that’s driven by constant innovation? Does the idea of using your skills to solve real-world challenges excite you? Are you passionate about technology and where it can take you?

**CHOOSE YOUR CAREER**

- Bachelor of Applied Geographical Information Systems - see page 5
- Bachelor of Computer Science - see page 5
- Bachelor of Computer Science (Artificial Intelligence) - see page 6
- Bachelor of Information Technology - see page 7
- Bachelor of Information Technology (Simulation and Gaming) - see page 7
- Bachelor of Information Technology (Digital Health Systems) (Honours) - see page 8
- Bachelor of Information Technology (Digital Media) - see page 8
- Bachelor of Information Technology (Network and Cybersecurity Systems) - see page 9
- Bachelor of Mathematical Sciences - see page 9

**CREATE TOMORROW’S SOLUTIONS, TODAY**

**Bachelor of Applied Geographical Information Systems**

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 Applied Geographical Information Systems**
  - **PREREQUISITES**
    - Assumed Knowledge: None
    - SATAC Code: 214591
  - **SELECTION RANK**
    - Minimum: 70.00
  - **FACTORS**
    - TAFELINK: None
    - Adjustment: Yes

- **潜在的雇主包括:**
  - SA Water
  - Rural Solutions SA
  - Aerometre Pty Ltd
  - Aerometre Pty Ltd
  - Department of Environment and Water
  - Local government
  - State and federal government.

**Bachelor of Computer Science**

Your career could help program the future of computing and technology.

Chase your passion and 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 (Honours)**
  - **PREREQUISITES**
    - Assumed Knowledge: None
    - SATAC Code: 214631
  - **SELECTION RANK**
    - Minimum: 70.00
  - **FACTORS**
    - TAFELINK: None
    - Adjustment: Yes

- **潜在的雇主包括:**
  - KPMG
  - Eracson
  - Unico Computer Systems
  - Australian Bureau of Statistics.

Find out more flinders.edu.au/information-technology
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 Computer Science (Artificial Intelligence) (Honours)

PREREQUISITES
Assumed
Knowledge
SATAC Code
2020 Minimum
Selection Rank
Guaranteed Entry
TAFELINK
Adjustment Factors

Yes
None
244321
70.00
70.00
Diploma or above

Yes

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• analyst programmer
• computer scientist
• software developer
• technology integrator
• intelligent game/simulation developer.

Bachelor of Information Technology

Study towards a career operating the systems that drive industry.

Bachelor of Information Technology (Honours)

PREREQUISITES
Assumed
Knowledge
SATAC Code
2020 Minimum
Selection Rank
Guaranteed Entry
TAFELINK
Adjustment Factors

None
None
234414
80.00
80.00
Diploma or above

Yes

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• application support analyst
• business intelligence consultant
• graduate developer
• graduate IT consultant
• level one graduate IT help desk analyst.

Potential employers include:
• Ericsson
• UltraData Australia
• SA Power Networks
• Boeing Defence Australia
• Australian Bureau of Statistics.

Bachelor of Information Technology (Simulation and Gaming)

Get serious about a career in simulation and gaming.

This degree will see you graduate with qualifications that are in demand across a broad range of industries. Serious gaming is used in training airline pilots, military officers, business leaders and medical professionals.

You’ll develop the skills required to produce complex interactive systems used in a wide range of training and educational scenarios. Unlike games designed purely for entertainment, serious games are an important tool for modelling real-life scenarios for training, problem solving and research in a variety of fields.

Bachelor of Information Technology (Simulation and Gaming) (Honours)

PREREQUISITES
Assumed
Knowledge
SATAC Code
2020 Minimum
Selection Rank
Guaranteed Entry
TAFELINK
Adjustment Factors

None
None
224041
80.00
80.00
Diploma or above

Yes

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• You’ll gain computing and mathematical skills required to develop simulations and serious games.
• Build a portfolio of work that demonstrates your capacity for planning, development and program design.
• Undertake a major group project or a work placement.
• Learn the practical skills you’ll need to design and develop complex computer-based systems.
• Study in the state-of-the-art facilities at the new $120 million science and technology precinct at Tonsley.
• This degree is accredited by the Australian Computer Society at the professional level.

Potential employers include:
• Gamelab
• Imagination Games
• Davidson Technology/ITCOM
• Gameloft New Zealand Limited
• Academy of Interactive Entertainment.
Bachelor of Information Technology (Digital Health Systems) (Honours)

Begin a career designing and developing digital technologies for a healthier world.

You could change lives by developing the health apps that will transform the future of the health industry. This degree will help you learn how to develop and implement the use of computational technologies, smart devices and communication media to manage illness, reduce health risks and promote health and wellbeing. Graduate career-ready in an expanding industry.

• Study in an expanding field in an increasingly technology-based industry.
• Understand how information technology is integrated into the health industry.
• You’ll learn theory and practice in information technology, engineering, statistics and health sciences.
• You’ll undertake a professional placement and gain practical skills in information technology, written skills, teamwork and project management.
• This degree is accredited by the Australian Computer Society at the professional level.

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• ICT business analyst
• network administrator
• developer programmer
• graduate data scientist
• healthcare analytics
• clinical analyst support officer.

Potential employers include:
• BWise
• Novotech Australia
• Department of Health
• Health Direct Australia
• SmartSoft (Australia).

Bachelor of Information Technology (Digital Media)

Prepare yourself for a career in an ever-growing industry that combines computer science and digital media to create animation, computer games, computer graphics and information visualisation. Across this degree you’ll work with actors, directors and filmmakers through our screen studies department, and gain a strong foundation in theoretical and practical aspects of information technology and digital media production. You’ll graduate with in-demand skills and the ability to develop systems and solutions for the digital media world.

• Develop your computing, application development and creative skills.
• Use cutting-edge technologies in animation, computer games and multimedia.
• You’ll develop practical computer-based solutions and digital media artefacts.
• Work with researchers, academics and professionals in the industry to gain vocational insights.
• Work professionally as an individual and in a team to understand the fundamentals of project management.
• Undertake a major digital media project, a group industry-based project or a 12-week industry placement.
• This degree is accredited by the Australian Computer Society at the professional level.

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• 3D specialist
• digital media designer
• flash animator/developer
• digital integration assistant
• creative digital designer and developer.

Potential employers include:
• Gamelab
• Acclération
• Southern Cross Austereo
• Imagination Games
• Department of Communications.

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

Be a power-player and build a career in our networked society.

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.

• Develop your skills in computing, IT and cybersecurity.
• Discover how electronic communication works (and when it doesn’t).
• You’ll studies will cover all cutting-edge developments in communications technology like optical fibre technology, cloud computing, and social networking and media.
• You’ll learn how to design electronic communications systems that maximise safety and security.
• Learn to work professionally and in a team through group projects, or take the opportunity to gain first-hand industry experience with a 12-week industry placement.
• This degree is accredited by the Australian Computer Society at the professional level.
• There are opportunities to take your studies overseas with a student exchange program.

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• business analyst
• 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.

Bachelor of Mathematical Sciences

Master mathematics to solve real-world problems.

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. Your skills and knowledge of mathematics could lead to a challenging, long-term career. 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.

• Your studies will focus on both pure and applied mathematics and statistics.
• You can choose topics in other disciplines that use applied mathematics, such as medicine, business, physics and the environment.
• You’ll develop advanced research, communication and technical skills.
• Focus on advanced pure and applied mathematics in our Mathematical Sciences Laboratory.
• The degree is designed to exceed the Australian Mathematical Society’s accreditation standards.
• Join the university that produced Australia’s Fields Medal winner, Professor Terence Tao.

CAREER OPPORTUNITIES
Your degree is the first step towards a range of employment opportunities, including:
• credit bureau analyst
• data and analytics officer
• consultant – data analytics
• quantitative analyst trader
• consumer research executive.

Potential employers include:
• Mercer
• Bureau of Meteorology
• Australian Bureau of Statistics
• The Nolan Company (Australia)
• Australian Securities and Investments Commission.

Find out more
flinders.edu.au/information-technology
Combined degrees

Explore your interests and unlock more career opportunities by combining degrees. 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.

Find out about combining these qualifications:

**Bachelor of Mathematical Sciences/Bachelor of Computer Science**
Develop the deep and necessary knowledge to focus on the scientific and technical computational problems that occur in a variety of areas including epidemiology, econometrics and defence systems.

**Bachelor of Information Technology (Network and Cybersecurity Systems)/Bachelor of Criminology**
Combine studies in networks and cybersecurity with criminology to deal with the issues of cybercrime and cybersecurity. Develop a broad and comprehensive knowledge of both the socio-legal and technical aspects of cybersecurity.

For a full list of combined degree options visit flinders.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.

**Bachelor of Engineering (Computer and Network Systems) (Honours)**
Engineer tomorrow’s interconnected computer systems today. Gain the technical knowledge and agility to respond to a rapidly changing marketplace. The degree prepares you to develop the specialised skills to design and analyse hardware systems and algorithms for products such as mobile phones and gaming consoles through to aircraft flight-control systems, unmanned vehicles and global telecommunications systems.

**Bachelor of Engineering (Software) (Honours)**
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.

**Bachelor of Engineering (Software) (Honours)**

Find out more flinders.edu.au/study
Flinders at Tonsley

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 21st century and beyond.

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.

Flinders at Tonsley centrally locates computer science, engineering and mathematics at Flinders University, with the New Venture Institute, Medical Device Research Institute and Centre for Nanoscale Science and Technology, alongside some of Adelaide’s biggest businesses and industries.

Tonsley is located centrally between Flinders University’s Bedford Park campus and Adelaide city. It’s connected to the city by train, offering convenient access 15 minutes from the city’s CBD. And Tonsley is a five-minute car ride, a 15-minute ride on the Flinders loop bus, or a 30-minute walk from the Bedford Park campus.

We’re here to help

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

Transition to university

Starting at university is a big step; let’s make it easier.

The Transition Office can help make your shift into university study as smooth as possible, and the Student Learning Centre provides a range of services from writing and mathematics support to assistance with study and time-management skills.

Work Integrated Learning

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

Scholarships

Flinders University offers over 550 undergraduate scholarships, worth $2.2m in total. A generous range of scholarships is available to new and continuing undergraduate students.

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 University Student Association (FUSA)

Flinders has a long history of active student involvement.

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

Careers & Employability Service

The Careers and Employability Service helps give you the edge in your career.

CareerHub, our online employment portal, is more than a service to help you prepare for and find the job you want. It 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.

INNOVATION & ENTERPRISE

Careers are evolving and the workplace of the future will look very different from today.

That’s why we offer a suite of innovation and enterprise electives and courses to prepare you for the careers of tomorrow. Powered by Flinders’ New Venture Institute, these electives will help you to develop the ‘personal enterprise skills’ that employers are looking for, and equip you with the ability to adapt to whatever life throws at you, personally and professionally.

Find out more
flinders.edu.au/innovation
How do I apply?

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

To find out more about your admission pathways to Flinders, visit: flinders.edu.au/pathways

ADMISSION PATHWAYS

At Flinders, we recognise that every prospective student is an individual and that what works for one might not be right for another. That’s why we provide various admission pathways into Flinders University and your preferred degree. You’re encouraged to explore your options and find the entry path that’s right for you.

Year 12 entry

The majority of Year 12 applicants enter via the traditional competitive 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. The 2020 Minimum Selection Rank is the minimum selection rank required for consideration to enter in the next intake. The 2020 selection rank indicates the lowest rank for which an offer was made to an applicant in that degree for the previous year (including any adjustment factors). This selection rank is provided only as a guide for 2021 entry, as it may change from year to year.

Adjustment factors

Adjustment factors (formerly referred to as bonus points) may be used in combination with your ATAR to derive your course selection rank. Adjustment factors may be available for South Australian Year 12 students applying for entry to Flinders in 2021: the SA Universities Equity Scheme (USES) and the SA Language, Literacy and Mathematics Bonus Scheme (LLM).

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. All you need to do is ensure you have listed Flinders as your highest degree preference that you are eligible for in 2021.

uniTEST

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. Importantly, your TAFE/VET qualification does not need to be related to your selected area of study at Flinders.

TAFE SA dual offers

You can apply for a TAFE SA (RTO code: 41026) diploma or advanced diploma that is linked to a Flinders degree. You’ll receive an offer to both TAFE SA and Flinders University and, on successful completion of the TAFE course, you’ll have secured an offer for a Flinders degree. TAFE SA dual offers are available for a range of Flinders degrees.

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).

BACHELOR OF GENERAL STUDIES

The Bachelor of General Studies (SATAC code: 234418) is a flexible degree that provides a sound basis of knowledge in an area of your choice. It is designed to prepare you with communication skills, a firm grasp of ethics, and the confidence to make connections across geographical, disciplinary, social and cultural boundaries. Successful completion of the first year to the required standard also provides you with guaranteed entry into a range of our degrees.

Get more out of your degree

Whatever you’re studying, Flinders gives you the opportunity to do more with your degree to help you have a competitive edge when you graduate.

A combined degree is a combination of two Flinders bachelor degrees, meaning you will have two qualifications in just one to one-and-a-half years of extra study and undertake in-depth study in exciting combinations that aren’t usually available in single degrees.

The Bachelor of Letters is available to study alongside any degree at Flinders and enables you to graduate with two qualifications.

WHEN CAN I START?

Flinders offers two admissions cycles each year for undergraduate degrees.

Semester 1 – February 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 entry. Check our midyear site for details: flinders.edu.au/midyear

This is Flinders

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. 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

Student Hub & Plaza

Open 24/7, the award-winning Hub and Plaza brings the best of coffee and street food culture to the heart of the Bedford Park campus, with retail options, innovative study spaces and free wi-fi access.

Food & Drink

You’ll never go hungry at Bedford Park, with a wide variety of food outlets.

Retail

Bedford Park features a range of retail outlets.

Marion Shopping Centre (11 mins)

Glenelg & Beach (11 mins)

Student Hub & Plaza

A $120m centre of innovation

Marion Shopping Centre (11 mins)

Glenelg & Beach (11 mins)

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