2014 ENGINEERING

BIOMEDICAL
CIVIL
COMPUTER SYSTEMS
ELECTRICAL
ELECTRONICS
MECHANICAL
NAVAL ARCHITECTURE
ROBOTICS
SOFTWARE
ENGINEERING TECHNOLOGY
ENGINEERING SCIENCE

flinders.edu.au
Welcome

Flinders is a student-centred university committed to enhancing educational opportunities for all. We provide a lively student experience and offer high quality teaching across all of our courses. A Flinders degree will make you knowledgeable, will teach you how to communicate effectively, and will give you the skills to connect across cultural, political, social and geographic boundaries to tackle major challenges.

Flinders University also connects across boundaries. Our founding campus is located in Bedford Park; however, our geographical footprint extends to a number of regional areas in South Australia, Victoria and particularly the Northern Territory, where we now offer our Doctor of Medicine (MD) degree. We are engaged globally, and our diverse, international campus community enables our students to form networks and lasting friendships that span the globe.

Flinders is committed to building supportive communities by being socially responsible and outwardly engaged with those around us. Our recent commitment to invest in Tonsley Park is a perfect example of this. Due to open in 2015, our new presence at Tonsley will not only provide state-of-the art facilities for students in computer science, engineering and mathematics, but will play a significant role in the economic transformation of southern Adelaide.

Whatever your background, we are confident you will find Flinders University an inspiring and vibrant place in which to learn, study and shape your future. We look forward to welcoming you to the University and I encourage you to take advantage of all the opportunities both academic and non-academic that Flinders offers.

Flinders University was founded on the spirit to “experiment and experiment bravely”.

Professor Michael Barber
Vice-Chancellor and President

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WHY CHOOSE FLINDERS?

Flinders develops graduates with qualities that are highly sought after by graduate employers. Our work integrated learning combines academic and career related activities designed to enhance learning. Flinders students are also able to make industry connections and enhance their skills and experience through workplace and internship programs in Australia, Asia and overseas.

Reputation
Flinders has a strong reputation both locally and internationally. We are ranked as one of the world’s top 400 universities (Shanghai Jiao Academic Ranking of World Universities 2012). As a relatively “young” university, we are ranked 36 in the QS World University Rankings (2102/13) for Universities that are 50 years or younger – which highlights the significant achievements Flinders has accomplished in research, innovation and teaching in such a short time.

Teaching quality
Academic excellence at Flinders is reflected by the way our staff engage with our students and in the way our teachers are connected to the current issues in their discipline. Our staff are recognised and awarded internationally for their passion and dedication to teaching and to the journey of their students. Students are encouraged to question, challenge and think beyond the limits of convention.

Research
Flinders is renowned for world-class research and innovation that is relevant, of high quality and has real impact. We draw on expertise across disciplines and collaborate across boundaries so that we can make a positive contribution to resolving society’s most challenging issues.

Student support
Flinders genuinely cares about our students and their wellbeing. Staff are available to assist students with many services — whether it is to settle into uni life or answer questions about their studies. Services include an extensive library, childcare, disability support, health and counselling, gym, student learning centre, mentoring programs, career development and an employment service. Computing support and access to online course materials and resources are at your fingertips. There are many sporting and social groups to meet new people and develop friendships.

Community
At the heart of Flinders University is our commitment to social justice and human wellbeing. This runs through all our learning and teaching, our research and our collaborations, and is the passion of our staff. Flinders engages with our communities to enhance the social, cultural and economic lives of the regions we serve, in South Australia, the Northern Territory and across the world. Our Indigenous Engagement Plan reaffirms our commitment to working with our Indigenous communities.

Beautiful surrounds
Flinders is set amongst breathtaking surroundings with 360 degree views of the ocean and the city. Quiet courtyards, a tranquil lake and trees with lawns everywhere lift the spirit and provide a superb environment in which to learn and to relax.

Flinders University represents a world of new possibilities — your journey starts here.
Engineering can be studied at Flinders in the following areas:

- Biomedical Engineering
- Civil Engineering
- Computer Systems Engineering
- Electrical Engineering
- Electronics Engineering
- Mechanical Engineering
- Naval Architecture Engineering
- Robotics Engineering
- Software Engineering
- Engineering Technology
- Engineering Science

Flinders University’s Engineering courses have been designed in close collaboration with industry to meet future development needs. You will gain specialist knowledge in key areas and develop an integrated "toolkit" of skills. This will enable you to meet the technical criteria required by industry and to engage professionally with ongoing technical developments.

The first year of Flinders University’s engineering courses have substantially similar topics, enabling you to transfer to another Bachelor of Engineering if you are performing well. If you wish to transfer, you may be able to obtain credit for your previous studies and complete your desired degree with minimal loss of time.

WHAT IS ENGINEERING?

Engineers take scientific knowledge, initiative and inventiveness and apply these attributes to real-world problems. They give shape to our world and make a difference to society and many aspects of people’s lives. Being in demand worldwide, they are extremely mobile and highly respected.

PRACTICAL EXPERIENCE

A distinctive feature of Flinders Engineering courses is the nationally recognised 20-week industry placement program. This industry placement is available in the following Engineering degrees: Biomedical, Computer Systems, Electrical, Electronics, Mechanical, Robotics, Software, Engineering Technology, and Engineering Science.

More than 100 local, national and international organisations support the program, which provides you with 20 weeks of structured industrial work experience either in Australia or overseas. By undertaking this practical experience you will complete your final year with a firsthand understanding of the role of the graduate engineer.

Our students graduate with proven on-the-job experience and many go on to work full-time with the company that provided their placement, or with another in the same industry.

ACCREDITATION

These courses have been developed to meet the requirements for accreditation by Engineers Australia and other engineering bodies. Accreditation with Engineers Australia means that this course is recognised interstate and in various countries around the world, and that the studies undertaken have been thoroughly reviewed for quality and depth.

This important accreditation status also means the course is recognised interstate and in many countries around the world under the Washington, Seoul and/or Sydney Accords.

HONOURS

Students maintaining a credit average at the end of third year will have the opportunity to enter a special honours-level fourth year that will enable them to graduate with an honours qualification. Honours includes an in-depth investigation into an area that interests you under the guidance and support of a supervisor. It provides valuable research, communication, technical and analytical skills which many employers value. Honours is also a pathway to further research in a PhD.
The success of our teaching is reflected through the achievements of our staff and graduates and the quality of our research. Flinders Biomedical Engineer Professor Karen Reynolds was named South Australian Scientist of the Year in 2012 for her outstanding engineering practice, ethics and contribution to the community. In 2011 Professor Reynolds was also elected as a fellow of the Australian Academy of Technological Sciences and Engineering, and was named Australian Professional Engineer of the Year in 2010.

In 2010 Dr Paul Gardner-Stephens won an episode of the ABC’s The New Inventors program for his work on the Serval Batphone, which allows mobile phones to operate in remote areas without mobile networks. This system has the potential to save lives in disaster zones and remote areas.

Professor David Powers led the Flinders team of robotics specialists into the MAGIC 2010 finals: an international challenge to develop the next generation of battlefield robots. The challenge was a joint initiative of Australia’s Defence Science and Technology Organisation and the US Department of Defence.

Flinders University Engineering graduates include:
- **Rodney Brooks** — a former Director of the Artificial Intelligence Laboratory at MIT and designer of the first Mars robots;
- **David Hobbs** — a Churchill Fellowship and Fulbright Scholarship winner.

Inspirng and innovative engineering research conducted at Flinders includes:
- the **Medical Device Research Institute** — a $3.3 million collaborative initiative with the South Australian State Government and partners to accelerate the development of new medical devices in South Australia;
- a Flinders-designed **Autonomous Underwater Vehicle (AUV)** project — part of the CSIRO Wealth from Oceans Flagship aimed at finding science-based engineering solutions for the safe and economic design and operation of subsea pipelines in Australia’s deepwater frontiers;
- the **Thinking Head** — the product of an artificial intelligence research program which made its international debut in Beijing during the Olympic Games.

**CAREER OPPORTUNITIES**

Flinders Engineering graduates are equipped to gain employment in various positions. Please see entries for individual courses for examples of positions and potential employers.

Professionally, engineers are held in high esteem and paid well. Level 1 engineers enjoy starting salary packages of around $76,000 while engineers with an average 5-7 years’ work experience have salary packages of around $95,000 (The Engineering Profession: A Statistical Overview, 2012). Senior professional engineering project managers (with around 20 years experience) typically earn between $145,000 and $167,000 but can earn far more in high-demand industries and locations.

To this can be added substantial benefits such as international travel, great career prospects and the chance to work on projects that are transforming Australia and the world.

**FURTHER STUDY**

Master of Engineering (Biomedical).
Master of Engineering (Electronics).
Master of Engineering (Research) or PhD (Research).
BIOMEDICAL

BACHELOR OF ENGINEERING (BIOMEDICAL)

Course length  4 years full-time or part-time equivalent.
Prerequisites  SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.
SATAC Code  214771
2013 ATAR  77.45
Guaranteed entry ATAR  80.00
TAFElink  Diploma or above

BACHELOR OF ENGINEERING (BIOMEDICAL) / MASTER OF ENGINEERING (BIOMEDICAL)

Course length  5 years full-time or part-time equivalent.
Prerequisites  SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.
SATAC Code  214881
2013 ATAR  96.90
Guaranteed entry ATAR  95.00
TAFElink  NA

BONUS POINTS  Science and Maths, SEAS, RISAS

THIS COURSE...

＞ uses electronics, mechanics and computer systems to improve health care and the quality of human life;
＞ is accredited by Engineers Australia and is recognised internationally;
＞ lets you participate in Flinders University's nationally recognised 20-week industry placement program.

BIOMEDICAL ENGINEERING AT FLINDERS

The Flinders Bachelor of Engineering (Biomedical) program equips you with the skills to investigate, plan, design, manufacture and maintain systems and equipment that are used in all aspects of health care. You will gain a solid education in both engineering and medical science. Throughout the course, there is a strong emphasis on practical skills and teamwork.

The Biomedical Engineering program enables you to choose a course of study with either an electronics or mechanics focus.

Flinders also offers a five-year Bachelor of Engineering (Biomedical)/Master of Engineering (Biomedical) program. Expectations are high and only students who have completed the first three years with a credit average or higher will be permitted to continue in this combined pathway. Students who do not meet a credit average will be able to transfer to the single Bachelor of Engineering (Biomedical) degree.

WHAT IS BIOMEDICAL ENGINEERING?

Biomedical engineering involves using electronics, computer systems and mechanical devices to improve health care and health services to enhance the quality of human life. It covers a range of fields including medical devices, rehabilitation engineering, medical imaging, physiological signal processing, biomechanics and biomaterials. Biomedical engineering results in products such as diagnostic devices, biocompatible prostheses, assistive technologies, medical devices, and imaging equipment such as MRIs and EEGs. It also assists in the development of tools for the training of medical professionals.
STUDY PROGRAM

First year
First year comprises topics in fundamental science and engineering including digital electronics, engineering materials, computer programming, mathematics, and human physiology and structure. You will begin to select elective topics from the electronics or mechanical focus and continue to have choices in these focus areas throughout your degree.

Second year
Second year builds on this base with topics from a variety of areas including biomechanics, human physiology and biomedical instrumentation.

Third year
Third year offers further core studies in engineering and medical science including control systems, physiological measurement, and engineering project management. You will also undertake the Flinders nationally recognised industry placement program, which can be taken in Australia or overseas.

Fourth year
Fourth year includes either a major biomedical project or honours thesis researching a topic of your interest in depth. The year also provides an opportunity to choose further biomedical, engineering, computing or mathematics elective topics.

ACCREDITATION
This program is accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status.

COMBINED DEGREES
You can combine the Bachelor of Engineering (Biomedical) with the Bachelor of Medical Science or Bachelor of Science. More information on the combined degree options for this course, including SATAC Codes and course lengths, can be found by navigating to Engineering (Biomedical) on our undergraduate courses page via: flinders.edu.au/courses/undergrad

CAREER OPPORTUNITIES
Graduates often work in multidisciplinary teams with health professionals and medical specialists and may find themselves working in a variety of application areas including in the design and production of:
• a wide range of sophisticated diagnostic and therapeutic medical equipment in hospitals;
• devices to assist in home-based health care and rehabilitation, including prosthetic and orthotic devices;
• sensory and control systems.
Potential employers include Agilent Technologies; Australian Surgical Design and Manufacture Ltd (ASDM); Chemtronics Biomedical Australia; Cochlear Ltd; Commonwealth Scientific and Industrial Research Organisation (CSIRO); Defence Science and Technology Organisation (DSTO); major hospitals such as Flinders Medical Centre (FMC) and the Royal Adelaide Hospital (RAH); Signostics; and Therapeutic Goods Administration.

FURTHER STUDY
Master of Engineering or PhD (Research).

David Hobbs’ passion for rehabilitation engineering has taken him to south-east Asia with Engineers without Borders (a non-profit organisation who assist with engineering projects in developing countries), working on projects in schools in Cambodia. The education project he was instrumental in setting up – building the capacity of teachers to better teach mathematics and biomechanics – is still running and is now self-sufficient.

He has completed both a Fulbright Scholarship and Churchill Fellowship, looking at how to improve the lives of children with cerebral palsy. David is also a regular speaker in schools, inspiring young people on careers in rehabilitation engineering.

Now he’s back at Flinders as an academic, completing a PhD which looks at training sensory function in children with cerebral palsy using computer games. And he believes he’s a better academic for his pathway through study.

What advice does David have for students?
“Get some work experience. Think about what you want to do and then get some work experience in that area—that will help confirm what you want to do. They’re the more ‘soft’ skills but they’re very important. They show you have initiative, leadership and other qualities that will help you advance your career.”

David Hobbs
Flinders Science and Engineering graduate and associate lecturer/PhD candidate at Flinders University
CIVIL

BACHELOR OF ENGINEERING (CIVIL)

Course length 4 years full-time or part-time equivalent.

Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.

SATAC Code 224671

2013 ATAR New for 2014

Guaranteed entry ATAR 80.00

TAFElink Diploma or above

BONUS POINTS Science and Maths, SEAS, RISAS

THIS COURSE...

> prepares you to become responsible for the infrastructure and resources essential to the functioning of cities, towns and rural areas;
> has been designed in close collaboration with industry to meet future development needs;
> lets you participate in Flinders University’s nationally recognised 20-week industry placement program;
> gives you the specialist knowledge and skills that will enable you to engage professionally with industry.

WHAT IS CIVIL ENGINEERING?

Civil engineers are responsible for the design, construction, management, maintenance, testing and rehabilitation of infrastructure and resources essential to the daily functioning of cities, towns and rural areas. This infrastructure can include bridges, buildings, pipelines, harbours, airports, roads, railways, and water and wastewater systems.

The technical solutions developed by civil engineers must take into consideration social, environmental and financial constraints.

STUDY PROGRAM

First year
First year provides the broad base in engineering and science needed for civil engineering careers. You will be introduced to areas such as engineering materials, engineering design, mathematics, professional skills, mechanical and electrical fundamentals, geographic information systems and environmental science.

Second year
The second year includes study in mechanics and structures, fluid mechanics, hydrology and water engineering, rock and soil mechanics and concrete structures.

Third year
Third year then provides study in steel structures, geotechnical engineering and project management. It also includes Flinders University’s 20-week industry placement.

Fourth year
Fourth year provides capstone studies and electives in civil engineering. It also requires the completion of a major civil engineering project or thesis.

Students who maintain a credit average through the program are awarded a Bachelor of Engineering (Civil) with Honours.

ACCREDITATION

This program has been designed to be accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord.

CAREER OPPORTUNITIES

Civil engineers are currently in great demand and this degree prepares you for a career as a professional civil engineer in design consultancies, government agencies, the construction industry, mining industry or related areas.

Potential employers include Bardavcol; Built Environ; Greenhill Engineers; Connell Wagner; Lead Engineering; Origin Energy; Maunsell; Parsons Brinckerhoff (PB) Consultants; SA Water; Department for Planning, Transport and Infrastructure; United Water; and local councils.

FURTHER STUDY

Master of Engineering or PhD (Research).
COMPUTER SYSTEMS

BACHELOR OF ENGINEERING (COMPUTER SYSTEMS)

Course length 4 years full-time or part-time equivalent.
Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.
SATAC Code 214791
2013 ATAR 77.45
Guaranteed entry ATAR 80.00
TAFElink Diploma or above
BONUS POINTS Science and Maths, SEAS, RISAS

THIS COURSE...
> lets you participate in Flinders University’s nationally recognised 20-week industry placement program;
> is accredited by both Engineers Australia and the Australian Computer Society and is recognised internationally;
> provides many opportunities for employment with computer systems integral to most aspects of modern life.

COMPUTER SYSTEMS ENGINEERING AT FLINDERS

Flinders University’s Bachelor of Engineering (Computer Systems) is a highly respected program that prepares you to combine technical knowledge with the dexterity and agility to respond to the rapidly changing needs and opportunities of the marketplace.

WHAT IS COMPUTER SYSTEMS ENGINEERING?

Computer systems engineering is a blend of electronic engineering and computer science. Computer systems engineers build the computer-based systems required to meet the future needs of a world in which technology is constantly evolving. With computers performing ever more sophisticated tasks, these engineers must draw on their imagination, creativity and analytical skills to design and build tomorrow’s computer systems.

Specifically, computer systems engineers are interested in the integration of computer hardware and software. As a result, computer systems engineers have a good understanding of electronics as well as software, network and operating system design.

STUDY PROGRAM

First year
First year comprises topics in fundamental science and engineering including digital and analogue electronics, computer programming, professional skills, mathematics and physics.

Second year
Second year builds on this base with topics from a variety of areas including microprocessors, design, computer programming, computer networks and electronics.

Third year
Third year provides further computer systems material such as computer organisation and design and incorporates an industry placement program.

Fourth year
Fourth year offers scope to take electives in computer systems, electronics and management. It also includes either a major computer systems design project or honours thesis researching a topic of your interest in depth.
ACCREDITATION
This program is accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status. This course is also accredited by the Australian Computer Society at the professional level. Courses accredited at this level by the Australian Computer Society are recognised internationally under the Seoul Accord.

COMBINED DEGREES
You can combine the Bachelor of Engineering (Computer Systems) with the following Bachelor degrees: Computer Science, Science.
More information on the combined degree options for this course, including SATAC Codes and course lengths, can be found by navigating to Engineering (Computer Systems) on our undergraduate courses page via: flinders.edu.au/courses/undergrad

CAREER OPPORTUNITIES
With computer systems integral to almost every aspect of modern life, from the home to the workplace and beyond, employment opportunities are vast.
Graduates can secure employment in the private and public sectors and with their highly transferable skills can move easily between various sectors and industries.
Potential employers include: AirServices Australia; BAE Systems Australia Limited; Ericsson Australia; Hewlett Packard Australia; Honeywell; SAAB Systems Pty; Unico Computer Systems; and Northeast Quadrant Consulting.

FURTHER STUDY
Master of Engineering or PhD (Research).

Rebekah is a TUV-certified functional safety engineer. She provides specialist engineering expertise for Aurecon, a global engineering consultant. Rebekah’s position has seen her work offsite in Whyalla, perform audits for BHP and provide advice on coal handling facilities for the Newcastle Coal Infrastructure Group.
Strength in maths and science at school influenced Rebekah to consider studying engineering. Rebekah felt that the Bachelor of Engineering (Computer Systems) reflected “where technology was at”. This, along with the broad range of subjects on offer, including electrical, electronic, control and instrumentation, gave her a well-rounded understanding of engineering.
Rebekah is very grateful to have undertaken work experience in software development for a defence operation; it sharpened her sense of what was and wasn’t right for her.
“The work experience component of the Bachelor of Engineering (Computer Systems) at Flinders is really valuable. Finding out what you don’t want to do is as important as working out what you do want to do.”

Rebekah Reilly
Flinders Computer Systems Engineering graduate and functional safety engineer at Aurecon (South Australia)
Throughout this degree you will be taught how to develop electrical engineering solutions appropriate to the social, political, international, economic and environmental contexts to which they are applied.

First year
First year provides you with a good base from which to develop your knowledge and includes topics such as professional skills, engineering design, electronics, engineering physics and computer programming.

Second and third year
Second and third year enables you to specialise further and complete studies in areas such as electrical circuits and machines, electromagnetics, electrical energy systems, and control systems.

In third year you will undertake a key topic in project management and you will participate in Flinders University’s nationally recognised 20-week industry placement. There is opportunity for this placement to be taken in Australia or overseas.

Fourth year
In fourth year, depending on your results, you will either complete an honours program which includes a research project or a fourth-year program which includes further topics in engineering and an engineering project.

This program has been designed to be accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord.

You can combine the Bachelor of Engineering (Electrical) with the Bachelor of Engineering (Mechanical).

More information on the combined degree options for this course, including SATAC Codes and course lengths, can be found by navigating to Engineering (Electrical) on our undergraduate courses page via: flinders.edu.au/courses/undergrad

There is a substantial shortage of electrical engineers in South Australia and Australia and this demand is increasing with the expansion of the mining and defence industries.

Potential employers include Rio Tinto, BAE Systems, BHP, Chevron, Xstrata, Parsons Brinckerhoff, government transport departments and various power companies in each state.

Master of Engineering or PhD (Research).
ELECTRONICS

WHAT IS ELECTRONICS ENGINEERING?
Electronics is the enabling technology for today’s society. It is embedded in most facets of life ranging from consumer goods to the sophisticated instrumentation used in electronic circuits, electronic devices, telecommunications and computer systems.

Electronics engineers are involved in developing technology used in areas such as aircraft systems, media and sound broadcasting, traffic and urban management, medical equipment, robotics, broadband systems, and scientific devices.
High demand exists for qualified professional electronic engineers in areas such as defence, medicine, telecommunications, building, manufacturing and mining.

THIS COURSE...
- lets you participate in Flinders University’s nationally recognised 20-week industry placement program;
- is accredited by Engineers Australia and is recognised internationally;
- involves in-depth study of the enabling technology for today’s society.

ELECTRONICS ENGINEERING AT FLINDERS
The Bachelor of Engineering (Electronics) is designed to give you the skills and knowledge to plan, design and build the electronic circuitry that is integral to an extensive range of high technology applications. Electronics engineering is founded in a field previously known as electrical engineering.

BACHELOR OF ENGINEERING (ELECTRONICS)

Course length 4 years full-time or part-time equivalent.

Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.

SATAC Code 214801
2013 ATAR 78.30
Guaranteed entry ATAR 80.00
TAFElink Diploma or above

BONUS POINTS Science and Maths, SEAS, RISAS
STUDY PROGRAM

First year
First year comprises topics in fundamental science and engineering including digital and analogue electronics, computer programming, professional skills, mathematics and physics.

Second year
Second year builds on this base with topics from a variety of areas including microprocessors, electronic circuits, signal and systems, design and automation.

Third year
Third year further develops your knowledge and skills in areas such as signal processing, computer organisation and design, project management, communication systems and control systems. It also includes Flinders University’s nationally recognised 20-week industry placement program.

Fourth year
In fourth year, depending on your results, you will either complete an honours program which includes a research project or a fourth-year program which includes further topics in engineering and an engineering project.

ACCREDITATION
This program is accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status.

COMBINED DEGREES
You can combine the Bachelor of Engineering (Electronics) with the Bachelor of Computer Science or Bachelor of Science. More information on the combined degree options for this course, including SATAC Codes and course lengths, can be found by navigating to Engineering (Electronics) on our undergraduate courses page via: flinders.edu.au/courses/undergrad

CAREER OPPORTUNITIES
There are numerous employment opportunities in some of the fastest growing areas of the economy including defence, medicine, telecommunications, construction and mining.
Potential employers include: BHP Billiton; Origin Energy; Toyota; Defence Materiel Organisation; Defence Intelligence Organisation; REDARC; DSTO; Navy Systems Branch; Department of Defence; and the Department of Innovation, Industry and Science.

FURTHER STUDY
Master of Engineering or PhD (Research).

“I enjoyed the hands-on part of my engineering studies. Engineering courses at Flinders have a really good balance between the theoretical side and its application. That better prepares you for the real world.
I’ve got a specialist role as a safety engineer – making sure safety has been considered in designs and all hazards have been mitigated. In the past nine years, I have found myself sequestered on remote islands in the Torres Strait implementing radar solutions while working with both deployable and fixed air traffic control systems.
I have come a long way from my time at Flinders. As a senior engineer, I now find myself in a leadership role, managing and mentoring young engineers. That’s where I’ll draw from the other skills I picked up at Flinders – how to learn. At Uni they teach the curriculum but they also show you how to pick up new concepts and how to apply that to other fields. I’ve seen how projects work and what to do when things don’t always go right. That’s when the uni lessons come in – you need to use your mind to solve a lot of problems.”

David Jucha
Flinders Electronics Engineering graduate and electronics engineer/project manager at Daronmont Technologies (Adelaide)
MECHANICAL

BACHELOR OF ENGINEERING (MECHANICAL)

Course length 4 years full-time or part-time equivalent.
Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.
SATAC Code 224341
2013 ATAR 75.15
Guaranteed entry ATAR 80.00
TAFElink Diploma or above

BACHELOR OF ENGINEERING (MECHANICAL) / MASTER OF ENGINEERING (BIOMEDICAL)

Course length 5 years full-time or part-time equivalent.
Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.
SATAC Code 224351
2013 ATAR 96.70
Guaranteed entry ATAR 95.00
TAFElink NA

BONUS POINTS Science and Maths, SEAS, RISAS

WHAT IS MECHANICAL ENGINEERING?

Mechanical engineering is concerned with the design, construction and operation of machinery and mechanical devices. It applies the principles of physics, materials science and mathematics to designing, developing, researching, evaluating, manufacturing, installing, testing, operating, maintaining and managing mechanical systems.

Mechanical engineers are in great demand locally and internationally in a variety of industries. As a discipline, mechanical engineering is applied in a variety of areas including mining, minerals processing, manufacturing, the oil and gas industry, the automotive, aviation and shipbuilding industries, electrical power generation and distribution, road and rail transport, defence, agriculture, fishing and food processing.

THIS COURSE...

> is concerned with the design, construction and operation of machinery;
> provides specialist knowledge and skills that will enable you to engage professionally with industry;
> lets you participate in Flinders University’s 20-week industry placement program.

MECHANICAL ENGINEERING AT FLINDERS

The Bachelor of Engineering (Mechanical) at Flinders builds professional skills and knowledge in the development of complex mechanical engineering systems, including biomechanical devices.

Flinders also offers a five-year Bachelor of Engineering (Mechanical)/Master of Engineering (Biomedical). Biomedical engineering involves using electronics and computer systems to improve health care and health services to enhance the quality of human life.
STUDY PROGRAM

First year
First year covers fundamental study in engineering design, engineering materials, computing, professional skills and electrical and mechanical fundamentals.

Second and third years
The second and third years focus on core mechanical engineering studies including dynamics, mechanics and structures, mechanics of machines, thermodynamics and energy systems, project management, and fluid mechanics. You will also complete a mechanical engineering certificate and undertake Flinders University’s nationally recognised 20-week industry placement.

Fourth year
If you achieve a credit level average or higher at the end of third year you will be able to enrol in the honours program in your final year. All students in fourth year have the opportunity to enrol in further advanced mechanical engineering topics that build on their skills and knowledge.

ACCREDITATION
This program has been designed to be accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord.

COMBINED DEGREES
You can combine the Bachelor of Engineering (Mechanical) with the Bachelor of Engineering (Electrical) or Master of Engineering (Biomedical).

More information on the combined degree options for this course, including SATAC Codes and course lengths, can be found by navigating to Engineering (Mechanical) on our undergraduate courses page via: flinders.edu.au/courses/undergrad

CAREER OPPORTUNITIES
Mechanical engineering graduates may find work locally and internationally in the mining, defence, manufacturing, shipbuilding, environmental, engineering consulting, building services, automotive, petrochemical, and other industries.

Potential employers include: ASC; Bridgestone; Caroma; Connell Wagner; Flinders Medical Centre; Holden; Origin Energy; Orlando Wyndham Group; SA Water; Transport SA; WMC (Olympic Dam).

FURTHER STUDY
Master of Engineering or PhD (Research).

“There are lots of relevant practicals involving a combination of previous knowledge, newly learned skills, some abstract thinking, and an aspect of fun.”

Flinders Engineering graduate comment. Source: Australian Graduate Survey.
NAVAL ARCHITECTURE

BACHELOR OF ENGINEERING (NAVAL ARCHITECTURE)

Course length 4 years full-time or part-time equivalent.
Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.
SATAC Code 224331
2013 ATAR 75.95
Guaranteed entry ATAR 80.00
TAFElink Diploma or above

BONUS POINTS Science and Maths, SEAS, RISAS

THIS COURSE... 
> has been developed to serve the needs of the Australian ship design, construction and related industries;
> prepares you for a career in the shipbuilding industry, high-speed ferry industry, marine consultancy firms, or in government;
> is accredited by Engineers Australia and is recognised by the Royal Institute of Naval Architects and the Institute of Marine Engineering, Science and Technology.

NAVAL ARCHITECTURE ENGINEERING AT FLINDERS

The Bachelor of Engineering (Naval Architecture) was developed to serve the needs of the Australian ship design, construction and related industries by providing professional engineers specifically educated in the field.

By studying Naval Architecture at Flinders you will undertake the first two years of your degree in South Australia and then complete the remaining two years of your degree at the Australian Maritime College (AMC) in Launceston, which is part of the University of Tasmania. The Bachelor of Engineering (Naval Architecture) is conferred by the University of Tasmania.

WHAT IS NAVAL ARCHITECTURE ENGINEERING?

Naval architecture focuses on the design, construction and maintenance of maritime vessels such as ships, submarines, yachts and high-speed vessels. This includes research, design, development, design evaluation and calculations during all stages of the life of a marine vehicle.

STUDY PROGRAM

First and second years
During the first two years you will study topics such as professional skills, mechanics and structures, ship design, hydrostatics and fluid mechanics, thermodynamics and energy engineering. You will gain a strong theoretical understanding with an emphasis on developing practical skills and teamwork.

Third and fourth years
You will transfer to the Australian Maritime College to complete the third and fourth years of your degree where you will continue on to study advanced topics in your selected specialisation: Ships and Underwater Vehicles or Yachts and Small Craft.

PRACTICAL EXPERIENCE

This course involves practical work on board a maritime vessel. It is an Australian Maritime Safety Authority (AMSA) requirement that students undertake a medical assessment and have a valid Elements of Shipboard Safety (ESS) certificate prior to going to sea. This certificate will be arranged during the second year of study.

ACCREDITATION

This program is accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status. This course is also recognised by the Royal Institution of Naval Architects (RINA) and the Institute of Marine Engineering, Science and Technology (IMarEST).

CAREER OPPORTUNITIES

With the development of the Navy’s new Air Warfare Destroyers (AWD) as well as the Collins Class submarine refit and replacement, it is expected that not only will substantial jobs be created but that ancillary industries will also develop that will provide long-term jobs growth in South Australia.

Graduates may find work locally and internationally in the defence, shipbuilding, and commercial maritime, and oil and gas industries.

Potential employers in South Australia include ASC Shipbuilding, Babcock, Rand Corp and DSTO, with more employment opportunities available interstate and overseas.

FURTHER STUDY

Master of Engineering or PhD (Research).
ROBOTICS

BACHELOR OF ENGINEERING (ROBOTICS)

Course length 4 years full-time or part-time equivalent.
Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.

SATAC Code 214781
2013 ATAR 76.70
Guaranteed entry ATAR 80.00

TAFE link Diploma or above

BACHELOR OF ENGINEERING (ROBOTICS) / MASTER OF ENGINEERING (ELECTRONICS)

Course length 5 years full-time or part-time equivalent.
Prerequisites SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.

SATAC Code 224311
2013 ATAR 99.95
Guaranteed entry ATAR 95.00
TAFE link NA

BONUS POINTS Science and Maths, SEAS, RISAS

THIS COURSE...

› is the only robotics course in South Australia based on key elements of the latest robotics technology;
› is accredited by Engineers Australia and is recognised internationally;
› lets you participate in Flinders University’s nationally recognised 20-week industry placement program.

ROBOTICS ENGINEERING AT FLINDERS

The Bachelor of Engineering (Robotics) 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.

Flinders offers the only robotics course in South Australia based on electronics and autonomous intelligent systems – two of the key elements of the latest robotics technologies. Our robotics degree enables you to choose a course of study with either an intelligent robotics focus or a mechatronics focus.

Flinders also offers a five-year Bachelor of Engineering (Robotics)/Master of Engineering (Electronics) program. This combination adds only one year to the bachelor degree. Expectations are high and only students who have completed the first three years with a credit average or higher will be able to continue to the masters program. Students who do not meet a credit average will be able to transfer to the single Bachelor of Engineering (Robotics) degree.
WHAT IS ROBOTICS ENGINEERING?
Robotics is the design, development and application of robots in fields as diverse as manufacturing, mining and medicine. Robots are designed to perform a variety of tasks aimed at making people’s lives easier. They are capable of undertaking tasks with a level of precision, strength and endurance beyond that of humans and are an ideal substitute for workers in repetitive, hazardous, and laborious jobs in manufacturing applications.

According to the Australian Robotics and Automation Association, the education and training of the next generation of robotics professionals is critical to maintaining Australia’s place as a world leader in robotics. The robotics industry is in need of more and more engineers with the knowledge and skills to build better robots that perform more intelligently.

STUDY PROGRAM
First year
First year comprises topics in fundamental science and engineering including digital and analogue electronics, computer programming, mathematics and physics.

Second year
Second year builds on this base with topics from a variety of areas including sensors, actuators, electrical circuits and machines, microprocessors, signals and systems, and design and automation. From second year you will begin to choose selected topics in either a mechatronics or intelligent robotics focus.

Third year
During third year you will study further topics in robotics, control systems and engineering project management. You will also undertake Flinders University’s nationally recognised 20-week industry placement.

Fourth year
Fourth year provides further robotics studies including the opportunity to undertake either a major robotic design project or honours thesis researching a topic of your interest in depth.

ACCREDITATION
This program is accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status.

COMBINED DEGREES
You can combine the Bachelor of Engineering (Robotics) with the Bachelor of Computer Science or Bachelor of Science.

FURTHER STUDY
Master of Engineering or PhD (Research).

Scott Penley
Flinders Engineering (Robotics) graduate and graduate control systems engineer at GPA Engineering

Scott recommends the Flinders Robotics course. “It covers a wide range of interesting topics, and has two sequences – intelligent robotics or mechatronics. This makes it a great degree, especially if you’re not sure exactly what you want to do.”

Scott believes Flinders has achieved a well-balanced degree. “Right from first year, there’s a lot of practical work. This sits well alongside the theory, and all the topics are integrated.”

“The placement was an excellent way to make sure your degree is actually what you want to do. I learned a lot that I wouldn’t get out of standard uni topics – and was able to secure full-time employment as well.

“One of the most valuable aspects of this degree is its diversity. You could easily branch off into many different fields of engineering. For me, the highlight was learning how to work things out for yourself; to independently research, design and complete projects.”
SOFTWARE

BACHELOR OF SOFTWARE ENGINEERING

**Course length**
4 years full-time or part-time equivalent.

**Prerequisites**
SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.

**SATAC Code**
214601

**2013 ATAR**
82.65

**Guaranteed entry ATAR**
80.00

**TAFELink**
Diploma or above

**BONUS POINTS**
Science and Maths, SEAS, RISAS

THIS COURSE...

- combines the science and skill of engineering with the power of computer technology;
- is accredited by both Engineers Australia and the Australian Computer Society and is recognised internationally;
- lets you participate in Flinders University’s nationally recognised 20-week industry placement program;
- prepares you to meet the academic requirements for attaining chartered professional engineer status upon graduation.

WHAT IS SOFTWARE ENGINEERING?

Software engineering is a dynamic engineering discipline that is concerned with all aspects of software use, from design and development to maintenance and management. Combining the art and skill of engineering with the power of computer technology, software engineering develops programs and products that meet the demands of the modern economy.

SOFTWARE ENGINEERING AT FLINDERS

The Bachelor of Engineering (Software) is a future-oriented course that 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 and recognises that in a fast-moving modern world, you need to be professionally mobile and flexible.

The Bachelor of Engineering (Software) at Flinders was the first software engineering degree in South Australia specifically created for students looking to work as professional software engineers and the first to be accredited with Engineers Australia.

The course has full professional accreditation with the Australian Computer Society and full professional accreditation with Engineers Australia.

STUDY PROGRAM

**First year**
First year is based around studies in software engineering including programming, digital and analog electronics, mathematics and professional skills. You will also begin choosing electronics or computer-based topics from first year.

**Second and third year**
In second and third year you will develop technical skills in areas including programming, testing, network engineering operating systems, design and automation, and signals and systems. You will also complete a nationally recognised 20-week industry-based professional practicum, which is supported by Flinders University’s well-established links with a broad range of companies.
STUDY PROGRAM (CONT)

Fourth year

In fourth year you will study advanced software systems and can select from a range of advanced technical electives. There is also the opportunity to undertake either a major software engineering design project or honours thesis researching a topic of your interest in depth.

ACCREDITATION

This program is accredited by Engineers Australia at the level of professional engineer. Professional engineering courses accredited by Engineers Australia are recognised internationally under the Washington Accord. Graduates meet the academic requirements for attaining chartered professional engineering status. This course is also accredited by the Australian Computer Society at the professional level. Courses accredited at this level by the Australian Computer Society are recognised internationally under the Seoul Accord.

COMBINED DEGREES

You can combine the Bachelor of Engineering (Software) with the Bachelor of Computer Science or Bachelor of Science. More information on the combined degree options for this course, including SATAC Codes and course lengths, can be found by navigating to Engineering (Software) on our undergraduate courses page via: flinders.edu.au/courses/undergrad

CAREER OPPORTUNITIES

Flinders graduates are in high demand, obtaining jobs in diverse areas including industry, business, government and services, entertainment, research and development.

Potential occupations include: software engineer, software developer, associate consultant, research and development graduate, research associate and software business entrepreneur.

FURTHER STUDY

Master of Engineering or PhD (Research).

“...I'd always been interested in computers, playing games at a young age and then making them in high school. When I got to Flinders, the idea for a business grew. One of the best parts of the degree was that we learnt more than the technical skills. We focused a lot on project management, which has helped me to remove a lot of the risks for projects and our clients and that helps us to build a strong company brand.

Another thing I picked up from my time at Flinders is self-learning. For every new project we did, about 20% or 30% of the work was research into things we hadn’t done before. I learned how to approach the task. That’s something else I take into business.

My honours thesis was on small software companies. It helped us get the initial contracts and build that trust with clients. Silhouette Studios has grown to the point where we are now working with some of the larger advertising agencies around and doing some great projects with large brands.”

Ashley Leach

Flinders Software Engineering graduate and director at Silhouette Studios (Melbourne)
ENGGINEERING TECHNOLOGY

BACHELOR OF ENGINEERING TECHNOLOGY

**Course length** 3 years full-time or part-time equivalent.

**Prerequisites** SACE Stage 2 Specialist Mathematics, Mathematical Methods, Mathematical Studies or equivalent. Knowledge of SACE Stage 2 Physics or equivalent is assumed.

**SATAC Code** 224601

**2013 ATAR** 70.30

**Guaranteed entry ATAR** 75.00

**TAFElink** Certificate 4 or above

**BONUS POINTS** Science and Maths, SEAS, RISAS

 THIS COURSE...
- includes engineering work experience and engineering project management;
- enables you to choose a focus in Biomedical, Electrical and Electronic, Mechanical, or Software Engineering;
- equips you with the knowledge to become an engineering technologist.

WHAT IS ENGINEERING TECHNOLOGY?

Engineering technology focuses on the real-world application of engineering knowledge and skills. Engineering technologists develop and implement existing technology within the field of engineering.

STUDY PROGRAM

**First year**
First year comprises topics in fundamental science and engineering including electronics, professional skills, computer programming and mathematics plus some choice of topics from your preferred specialisation.

**Second and third year**
Second and third year then builds on this base with topics from a variety of areas that depend on the specialisation option you have chosen. Specialisations are chosen from either Biomedical, Civil, Electrical and Electronic, Mechanical, or Software Engineering.

Third year provides you with further studies and the scope to take selected electives. In addition, you will undertake an engineering project, engineering work experience and a special topic in project management in which you will obtain skills relevant to the workplace.

ACCREDITATION

This program has been designed to be accredited by Engineers Australia at the level of engineering technologist. Courses accredited at this level by Engineers Australia are recognised internationally under the Sydney Accord. Graduates meet the academic requirements for attaining chartered engineering technologist status.

CAREER OPPORTUNITIES

Graduates may be employed in numerous industries such as telecommunications, robotics, automotive, mining and defence. Potential occupations include: engineering technologist, production technician, engineering officer, technical sales executive and project officer.

FURTHER STUDY

Bachelor of Engineering (Biomedical), Engineering (Civil), Engineering (Computer Systems), Engineering (Electrical), Engineering (Electronics), Engineering (Mechanical), Engineering (Robotics), Engineering (Software), Master of Engineering (Research).
In addition, the Bachelor of Engineering Science is a good option if you are yet to make up your mind as to which field of engineering you wish to specialise in.

By performing well in this degree you can apply to Flinders University directly to transfer to any of our four-year Bachelor of Engineering courses and, depending on the topics you have chosen, can do so with minimal loss of time.

WHAT IS ENGINEERING SCIENCE?
Engineering science covers both the fundamental science that underpins engineering and knowledge that is specific to the domain of engineering. At Flinders we use the term engineering science to denote those degrees that can also act as a pathway to full, accredited engineering degrees.

STUDY PROGRAM
The first three semesters of the Bachelor of Engineering Science provide a broad grounding in engineering with additional material in mathematics and physics for those who require it.

Second and third year builds on this base and you will choose a specialisation in Biomedical, Civil, Electrical and Electronic, Mechanical, Software or General Engineering.

Third year also provides an opportunity to enrol in elective topics and complete an engineering project. After consultation with staff, you may opt to replace the engineering project with an industry practicum.

After consultation and approval from Flinders and other relevant staff, students in the General Engineering specialisation also have the flexibility to select some topics offered by the Australian Maritime College, Charles Darwin University, the University of South Australia or the University of Adelaide.

TAFE SA DUAL OFFERS
Entry via a TAFE SA dual offer pathway is also available for the Bachelor of Engineering Science. Successful applicants will receive an offer to both TAFE SA and Flinders. Progression to Flinders requires successful completion of the TAFE SA qualification. For more information go to: flinders.edu.au/tafe

CAREER OPPORTUNITIES
Graduates who do not wish to transfer to a four-year Bachelor of Engineering can go on to fill roles in sectors such as telecommunications, robotics, automotive, mining and defence.

FURTHER STUDY
Bachelor of Engineering (Biomedical), Engineering (Civil), Engineering (Computer Systems), Engineering (Electrical), Engineering (Electronics), Engineering (Mechanical), Engineering (Robotics), Engineering (Software).
Master of Engineering (Research).
TERMINOLOGY

Assumed knowledge: Some courses assume that you will have certain knowledge and skills from previous study (e.g. SACE).

ATAR: Australian Tertiary Admission Rank.

Bachelor degree: Normally a first tertiary-level degree—also known as an undergraduate degree.

Combined degrees: Two courses studied at the same time for which you receive two parchments upon successful completion, e.g., Laws and Legal Practice/Commerce. Cross-credit reduces the total time you study.

Double degrees: Two courses studied at the same time for which you receive one parchment upon successful completion, e.g., Education/Arts.

Elective/option topics: Topics which can be chosen in addition to core topics—often called optional topics in science degrees.

External student: A person undertaking all of their study online on either a full-time or a part-time basis, and who is enrolled as an external student.

Foundation Studies: A preparation program designed to introduce you to university study in a supportive environment. The Foundation Studies program provides a pathway to gain entry at Flinders University upon successful completion.

GPA: Grade point average.

Honours: A one-year degree involving both coursework and a research thesis generally undertaken after an undergraduate degree and before a postgraduate research degree. In some degrees Honours is awarded based on a student’s academic performance.

IB: International Baccalaureate.

Postgraduate course: A university course studied after completion of an undergraduate degree.

Prerequisite: Some courses require students to have completed specific prerequisite subjects in their previous study (e.g. SACE).

SACE: South Australian Certificate of Education.

Semester: The academic year is divided into two semesters—usually late February to mid-June, and late July to November.

STAT: Special Tertiary Admission Test.

Topic: A subject studied as part of a degree program. Core topics are compulsory subjects that form the basis of a study program.

Undergraduate degree: A first tertiary-level degree—also known as a bachelor degree.

Unit: Each topic is given a weighting in units. Full-time students normally complete 18 units each semester, or 36 units a year.

ENTRY OPTIONS

Competitive ATAR entry

The majority of Year 12 applicants enter university via the traditional competitive entry method, where offers are made to eligible applicants with the highest ATARS until all places in the course are filled. The 2013 ATAR cut-offs for each course entry listed provide a guide for 2014 entry.

Guaranteed entry ATAR

Achieve an ATAR equal to or above the published guaranteed entry ATAR and you will be guaranteed a place at Flinders. All you need to do is ensure you have listed Flinders courses first in your preferences and you will be offered a place in the highest Flinders course preference that you are eligible for in 2014. More information can be found at: flinders.edu.au/guaranteedATAR

Bonus points

Bonus points contribute to your ATAR when applying for Flinders University courses. Flinders offers a variety of bonus point access schemes, including: Student Equal Access Scheme (SEAS), Rural and Isolated Student Access Scheme (RISAS), Science and Maths Bonus Points Scheme, and the Languages Other Than English (LOTE) Bonus Points Scheme. Find out more at: flinders.edu.au/bonusponts

TAFElink

Flinders offers guaranteed entry to selected courses for applicants who have completed a TAFE/VET Certificate 4 or higher level qualification, as long as course prerequisites are met. Importantly, your TAFE/VET qualification does not need to be related to your selected area of study at Flinders. All you need to do is decide which course you wish to study and apply through SATAC. Holders of many TAFE/VET awards can also receive credit for their studies. More information is available at: flinders.edu.au/tafelink

ENTRY PATHWAYS TO FLINDERS

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 entry pathways into Flinders University and your preferred course.

The diagram on the backcover is only to be used as a guide and you are encouraged to visit flinders.edu.au/pathways where you can explore your options and find the entry path that’s right for you.
ENTRY PATHWAYS TO FLINDERS

WHAT IS YOUR QUALIFICATION?

- Year 12 SACE / International Baccalaureate
- Previous university study
- TAFE / VET
- Special entry / Adult entry

SELECTION CRITERIA

- ATAR (from Year 12) results
- Grade Point Average (GPA) results
- Certificate 4, Diploma or Advanced Dip
- Foundation Studies Special Tertiary Admissions Test

ALL APPLICATIONS through SA Tertiary Admissions Centre (SATAC)
satac.edu.au

Admissions/Prospective Students Office
1300 657 671
admissions@flinders.edu.au
flinders.edu.au

International students should contact
T: +61 8 8201 2727 F: +61 8 8201 3177
flinders.edu.au/international

Our mobile apps

[Available on the App Store]
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