SCHOOLS’ PROFESSIONAL DEVELOPMENT DAY

Friday 18 June, 2021
NA MARNI (WELCOME)

We acknowledge the traditional owners of the lands Flinders University teaches and researches (Arrernte, Barngarla, Boandik, Dagoman, Erawirung, Gunditjmara, Jawoyn, Kaurna, Larrakia, Nauo, Ngadjuri, Ngarrindjeri, Peramangk, Ramindjeri, Wardaman, Warumungu, and Yolngu peoples) and honour their Elders past and present.

“Always was... always will be”

### Overview of day

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45am</td>
<td>Welcome, New Courses</td>
</tr>
<tr>
<td>10:20am-10:45am</td>
<td>Morning Tea</td>
</tr>
<tr>
<td>10:45am</td>
<td>New Courses continued</td>
</tr>
<tr>
<td>12:30pm-1:00pm</td>
<td>Lunch</td>
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<tr>
<td>1:10pm</td>
<td>Workshops</td>
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<tr>
<td>2:35pm</td>
<td>Workshops wrap-up</td>
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<tr>
<td>2:50pm</td>
<td>University updates</td>
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<tr>
<td>3:00pm</td>
<td>Event concludes, optional tour of on-campus accommodation</td>
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Questions during the day?
New course updates
BACHELOR OF CREATIVE INDUSTRIES

Dr Nicholas Godfrey
BACHELOR OF CREATIVE INDUSTRIES

Learn from industry professionals and kick start your creative career

No portfolio entry
Hit the ground running

Blend theory and practice
- Combine hands-on practical classes with critical studies
- Flexible curriculum: take elective subjects across the Creative Arts

Engage with industry
- Our people are working creative professionals. Study film with filmmakers, writing with novelists, theatre with playwrights
# Bachelor of Creative Industries

## Specialisations

<table>
<thead>
<tr>
<th>Digital Media</th>
<th>Festivals and Arts Production</th>
<th>Film and Television</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Hands on</td>
<td>• Event management</td>
<td>• Hands-on training</td>
</tr>
<tr>
<td>• Digital media and design</td>
<td>• Business skills</td>
<td>• Short drama films</td>
</tr>
<tr>
<td>• New technologies</td>
<td>• Arts administration</td>
<td>• Doco, music video</td>
</tr>
<tr>
<td>• Business and industry</td>
<td>• Cultural policy</td>
<td>• History and analysis</td>
</tr>
<tr>
<td>• Collaborative projects</td>
<td>• Collaborate on events</td>
<td>• Industry projects</td>
</tr>
</tbody>
</table>

Flinders University
BACHELOR OF CREATIVE INDUSTRIES

SPECIALISATIONS

INTERACTIVE DESIGN
- Games industry
- Hands on
- Make games and interactive media
- Collaborative projects

THEATRE AND PERFORMANCE
- Acting workshops
- Collaborative projects
- Devised work
- Community partnerships
- Project management

WRITING AND PUBLISHING
- Writing workshops
- Study genres and forms
- Learn from professionals
- Collaborate with students from other disciplines
Creative careers are in demand...

• When we look at growth across the creative industries it an incredibly exciting time.

• There are many opportunities with advancing technology, online and digital

• There is also the desire by the general public to embrace the creative industries, in all their forms, and for different reasons, from pure entertainment, to communicating important cultural messages, shedding light on our history, educating audiences and inspiring people to change the world.
The future of the Creative Industries

• Growing demand for creative thinkers
• The Creative Industries are growing at twice the rate of the Australian workforce
• Screen, Performing Arts and Music are the fastest growing creative industries in South Australia
• More large-scale productions like Mortal Kombat are coming to town
BACHELOR OF CREATIVE INDUSTRIES VS BACHELOR OF CREATIVE ARTS

Bachelor of Creative Industries (BCI)
• No portfolio entry
• More flexible study plan – take electives from other areas
• Takes a high level focus on creative industries, and their contemporary permutations

Bachelor of Creative Arts (BCA)
• Portfolio entry
• More rigid study plan – focused hands-on training for creative practitioners
WHY A CAREER IN CREATIVE INDUSTRIES

VIDEO
<table>
<thead>
<tr>
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<td>Pre-requisites</td>
<td>None</td>
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<tr>
<td></td>
<td>Career opportunities in games, entertainment and digital media, and the broader creative industries.</td>
</tr>
<tr>
<td>Name</td>
<td>Bachelor of Creative Industries (Festivals and Arts Production)</td>
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</table>

Gain career-ready skills that will help you plan, develop, and market your own arts events, or work collaboratively as part of an interdisciplinary arts team in a range of roles and settings.
<table>
<thead>
<tr>
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<td>Graduate prepared to step into the film and television industries (production and postproduction), or distribution, exhibition and administration (film festivals, film distributors, project development, policy advisors etc.)</td>
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<tr>
<td>Name</td>
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<td>Pre-requisites</td>
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</table>

Graduate with the skills and knowledge you need to work collaboratively as part of a creative team, and prepared to work for national and international games design companies, or to create your own start-up.
<table>
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Open the doors to a range of career opportunities in theatre and performance, and the broader creative industries.
<table>
<thead>
<tr>
<th>Name</th>
<th>Bachelor of Creative Industries (Writing and Publishing)</th>
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<td>Graduate with the skills required to write creatively and/or commercially.</td>
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</table>
MY EXPERIENCE STUDYING OCCUPATIONAL THERAPY

Clarrie Germein
Bachelor of Health Sciences/ Master of Occupational Therapy

**Bachelor of Health Sciences**
- Majoring in Occupational Therapy Studies
- 3 years (FT study)
- Theory focused

**Master of Occupational Therapy**
- 2 years (FT study)
- Clinically focused
- Expands on learning from undergrad

Transition directly in with no additional application process
Why I chose to study OT at Flinders:

- The opportunity to be a PG student
- Positive interactions with staff and students during open day
- The physical environment of Flinders
  - Beautiful surrounds
  - New study spaces in the hub
What I enjoyed most about Health Sciences:

- Good introduction into what the role of an OT is
- Flexible study options
- Less class contact hours
- Transferrable knowledge into other health degrees
- Interactions with students from other health degrees
- Use of the Flinders Medical Centre facilities
The Masters program:

• 1000+ hours of Clinical placement
• Reflective practice
• Strong focus on Therapeutic Communication
• Reinforce the client centred approach of OT
• Clinical application of skills and knowledge
  • Interviewing skills
  • Conducting assessments
  • Developing interventions
How Health Sciences prepared me for Masters:

- An understanding of OT, its role in the health care system
- A strong base knowledge in human anatomy and physiology
- An occupationally minded way of thinking
- Skills in communication and team-work
My favourite parts of the Masters program so far:

- The teaching staff
- How close my cohort of students have already become
- The practical tutorials
- The focus on communication
- The guest lecturers
  - Current practicing OT’s
  - Clients of OT’s or previous clients of OT’s
ACTIVITY - ADAPTIVE TECHNIQUES FOR OCCUPATIONS

EXAMPLE SCENARIO

One of your students has come to class with a dislocated left shoulder. He is not able to use his left arm at all.

In the morning he got his mum to help him tie his shoelaces for him but it has come loose during your lesson. Your student is sick of other people having to tie up their shoelaces and wants to be able to do this independently.

Try and come up with a strategy to tie up shoelaces one handed that you could then help your student learn.
ADAPTIVE TECHNIQUES FOR OCCUPATIONS

REFLECTION

• What techniques worked well?
• What was most challenging?
• How could we adapt this task to make it easier?
What I’m most looking forward to now:

• Finishing exams
• Social events with OT cohort
• Expanding on my clinical knowledge
• Placement opportunities
<table>
<thead>
<tr>
<th><strong>Name</strong></th>
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<td><strong>Pre-requisites</strong></td>
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<td></td>
<td>Develop the knowledge and skills required to become registered and work as an occupational therapist. The degree has a strong focus on preparing you for interprofessional practice, and on becoming a contemporary health professional able to work across a variety of settings and with a wide range of clients.</td>
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</table>
WHY STUDY HEALTH/HEALTH SCIENCES?

• The importance of health has never been in the spotlight more than now
• Highly rewarding career. You can make a profound difference in people’s lives
• What ever your interests, chances are you will find an opportunity in health
• Health Sciences is a great base from which to launch your health career
BACHELOR OF HEALTH SCIENCES

Flexible, Connected, Future Ready

**Flexible**
- Choose from specialisations such as ageing, health management, health promotion, digital health, physiology & neuroscience, psychology, therapy studies
- Or build your own degree by combining core skills topics with a selection of courses from any field within the university

**Connected**
- We are leaders in health and care
- We have strong partnerships with industry
- Opportunity for placement in third year.
- Placement gives you access to industry to both practice your skills but also to make connections with industry

**Future Ready**
- You will gain an excellent grounding in all aspects of the health sector
- You will develop a transferable skill set that can be applied in any health career setting you choose
- Our graduates have an excellent reputation within industry
Interested in a career in Health Sciences?
Study the Bachelor of Health Sciences at Flinders University

First Year
Study a set of core skills and then select optional specialisation topics

Second Year
Core skills combined with specialisation topics
Select a specialisation or combine the core skills topics with your selection of electives from across the University to build your own degree

- Ageing
- Health Management*
- Health Promotion*
- Innovation
- Digital Health
- Physiology & Neuroscience*
- Psychology*
- Therapy Studies

*Requires choice of specific topic in First Year

Graduate with a health sciences degree and a specialised area of knowledge

Third Year

Graduate with a broad health sciences degree

Join the workforce with skills that equip you for a career in a range of health settings or continue to postgraduate studies in your field.
• HEALTH SCIENCES AT FLINDERS VIDEO
<table>
<thead>
<tr>
<th>Name</th>
<th>Bachelor of Health Sciences (Health Sciences, Health Management, Health Promotion, Innovation – available online, and Ageing– available online)</th>
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<tr>
<td>Choose from a variety of specialisations including ageing, health management, health promotion, innovation or build your own Health Sciences degree by combining the core skills topics with a selection of courses from any field within the entire university.</td>
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<tr>
<td><strong>Name</strong></td>
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The future of health is digital. Be a part of the change and explore how digital health and technology is revolutionising health and care. Embrace the digital disruption and get ahead of the rest.
<table>
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<th><strong>Name</strong></th>
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Physiology and Neuroscience aim to equip you with a detailed knowledge of body systems, anatomy, and neuroscience. Gain a well-grounded knowledge of the nervous system, and study how our brain and body functions.
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Topics in Psychology aim to equip students with an extended understanding of psychological constructs and apply them to the health setting. Students gain insight into the way mental processes impact human behaviour, and the importance of mental health and wellbeing.
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Develop a detailed knowledge of anatomy and physiology through specialisation topics in Therapy Studies, providing a strong foundation for future endeavours in a range of traditional and emerging therapy areas.
Morning tea
SCIENCE @ FLINDERS
A. Prof Ingo Köper

We do Science
Bachelor of Science

3 years

4 core topics

• STEM1 – Nature of STEM
• MATH – 1 Mathematics topic
• STEM2 – Big data for contemporary issues
• STEM3 – Industry connection

+ Major/Minor
Majors/Minors

- Biology
- Molecular Biology
- Chemistry
- Physics
- Earth Science
- Mathematics
- Computing
- Data Science
- GIS

Major (8 topics)
- 2 first year
- 3 second year
- 3 third year

Minor (4 topics)
- 2 first year
- 2 second/third year

Student can do
- 1 Major + 1 Minor
- 2 Major
## Generic degree with double major

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Specialisations

- Animal Behaviour
- Biodiversity and Conservation
- Biotechnology
- Environmental Science
- Forensic and Analytical Science
- Marine Biology
- Physics
- Chemical Sciences
- Mathematics
- Biomedical Science
- Paleontology

Build on a Major
Specialized topics at all year levels
• Lots of flexibility
• Lots of options
• Adaptable towards students interest
• Build-in research opportunities
• Build-in industry experience
RESEARCH EXCELLENCE

MAJOR RESEARCH AREAS INCLUDE:

- Autonomous vehicles
- Clean technology
- Energetic materials
- Health and medical
- Labour and industry transformation studies
- Marine and maritime research
- Medical devices
- Nanotech and analytical chemistry
- Psychology and neuroscience
- Water and the environment.

OVER 90 PER CENT OF OUR RESEARCH IS RATED WORLD-STANDARD OR ABOVE*

* Australian Federal Government's Excellence in Research for Australia (2016)
Nanoparticles in an antibiotic-loaded nanomesh for drug delivery†

Melanie A. Fuller,abc Ashley Carey,a Harriet Whiley,b Rio Kurimoto,c Mitsuhiko Ebara c and Ingo Köper a,

Antibiotic loaded nanomeshes were fabricated by electrospinning polycaprolactone, a biocompatible polymer, with 12.5% w/w Colistin, 1.4% w/w Vancomycin and either cationic or anionic gold nanoparticles in varying combinations. The resulting nanomeshes had different antibiotic release profiles, with citrate capped gold nanoparticles combined with Colistin having the highest sustained release over 14 days for a 4 mg, 1.5 cm² nanomesh. The electrospinning parameters were optimised to ensure the spinning of a homogenous mesh and the addition of antibiotics was confirmed through 1H NMR and ATR-FTIR. This research, as a proof of concept, suggests an opportunity for fabricating nanomeshes which contain gold nanoparticles as a drug release mechanism for antibiotics.

Received 16th August 2019
Accepted 16th September 2019
DOI: 10.1039/c9ra06398f
rsc.li/rsc-advances
Industry Connections

Science Connect: Non-placement WIL for all science students

scienceconnect@flinders.edu.au  @scienceconnect1
Industry wants graduates that ...

... are flexible
... can apply their skills
... can communicate
... are mature
... can define a problem and solve it
... can self-reflect
...
Flinders Engineering
Has a the longest running Engineering placement in Australia

Flinders Science
Has placements available in some degrees

Creating a core ‘topic’ for all Bachelor of Science students
μWIL

[mahy-kroh-WIL]

Noun. A small, scalable WIL experience with meaningful outcomes for both the student and partner organisation.*

*or partner in industry, primary/secondary education, or on campus
Your Science Consulting Company

CEO: Ingo Köper
Thank you

Questions/Discussion
<table>
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</table>

Students have the flexibility to explore an area that interests you while getting a broad foundation in science by studying a major, or gaining more specific expertise and a named degree by studying a specialisation.
DRAMA AT FLINDERS
Dr Sarah Peters
WHY DRAMA?

• Practical, hands on learning
• Artistically and intellectually rigorous
• Create your own work
• Work with industry professionals
### THREE WAYS TO STUDY DRAMA

<table>
<thead>
<tr>
<th>Bachelor of Creative Arts (Drama)</th>
<th>Bachelor of Creative Industries (Theatre &amp; Performance)</th>
<th>Bachelor of Arts – Drama Major</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Audition entry</td>
<td>• Devise, write and create original work</td>
<td>• Plays, directors, companies</td>
</tr>
<tr>
<td>• Voice and movement</td>
<td>• Produce and market</td>
<td>• Review and analyse live productions</td>
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<tr>
<td>• Acting for stage and screen</td>
<td>• Community and industry collaboration</td>
<td>• Historical and social contexts of performance</td>
</tr>
<tr>
<td>• Digital performance technologies</td>
<td>• Flexibility and electives</td>
<td>• Practical options</td>
</tr>
<tr>
<td>• Critical studies</td>
<td>• Business Plan</td>
<td></td>
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</tbody>
</table>
BACHELOR OF CREATIVE ARTS (LIVE PRODUCTION)

Dual Award
Graduate with Bachelor of Creative Arts from Flinders, and Diploma of Live Production + Technical Services, TAFESA

Hands-on experience in technical roles
• Staging, lighting, sound and vision, stage management, costume, props

Work in technical roles on collaborative productions
• Inhouse projects, student-led productions, and industry partners
<table>
<thead>
<tr>
<th>Name</th>
<th>Bachelor of Creative Arts (Drama)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SATAc code</td>
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<tr>
<td>Length</td>
<td>3 years</td>
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<tr>
<td>Minimum ATAR</td>
<td>60</td>
</tr>
<tr>
<td>Guaranteed Entry ATAR</td>
<td>N/A</td>
</tr>
<tr>
<td>Additional Entry Requirements</td>
<td>Audition/interview or portfolio.</td>
</tr>
<tr>
<td></td>
<td>(Applicants are required to submit a Curriculum Vitae, a written statement and a recent photograph of themselves as part of the application process.)</td>
</tr>
<tr>
<td></td>
<td>Develop your creative, practical, critical and collaborative skills so that you may pursue an exciting career in the performing arts.</td>
</tr>
<tr>
<td>Name</td>
<td>Bachelor of Creative Arts (Live Production)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
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<td>Length</td>
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<tr>
<td>Indicative ATAR</td>
<td>60</td>
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<tr>
<td>Guaranteed Entry ATAR</td>
<td>70</td>
</tr>
<tr>
<td>TAFElink</td>
<td>TBA</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>TBA</td>
</tr>
</tbody>
</table>

Students will learn to take up roles in the broad live arts/entertainment industry filling production/event design and management roles.
INITIAL TEACHER EDUCATION
Bachelor of Education Suite

Joss Rankin: Course Coordinator – Bachelor of Health and Physical Education (Secondary)
Also on behalf of:
Rachael Hedger
Trudy-Ann Sweeney
Carol Le Lant
Troy Piechnick
EDUCATION DEGREES

• Move to single degrees

• Simplified options
  • Bachelor of Education (Early Childhood)
  • Bachelor of Education (Primary)
  • Bachelor of Education (Secondary)
  
  • Bachelor of Health and Physical Education (Secondary)
  
  • Bachelor of Inclusive and Special Education (Early Childhood)
  • Bachelor of Inclusive and Special Education (Primary)
  • Bachelor of Inclusive and Special Education (Secondary)
WHY SINGLE DEGREES?

Accreditation
• New accreditation requirements provide an opportunity to rethink our degrees.
• Requirements to fit in additional English, Mathematics and specialisation options.

Student Success
• Topic focussed on preparing students to undertake Teacher Performance Assessment
• Strong educational focus throughout core and elective options

Industry Demand and Employability
• Increased need for Early Childhood educators in South Australia with approximately an additional 30,000 educators needed by 2024.
• Recognition of broadening of employment opportunities
• Changes designed to address student feedback to ensure Flinders remains No. 1 for quality teaching in SA.
ALL PSTs have a focus on English and Mathematics

Choose a primary specialisation
- Health and Physical Education
- Visual Arts
- Science
- Languages

Tailor degree around desired age group
- B-2
- Preschool
- Early years of school

Elect topics to support age group preference
- Contemporary leadership in early childhood
- Respectful teaching with infants and toddlers
- Multimodal creativity
• All PSTs undertake a STEM minor

• Choose a second primary specialisation
  • Health and Physical Education
  • Expressive Arts
  • Science
  • Languages

• Inclusion of new topics
  • Foundations of inclusive and special education
  • A second educational psychology topic
  • Topic on assessment
  • Inclusion of further visual arts, media arts and design and technology
• Specialisations now taught with a greater educational focus

• Choose two academic majors to specialise in

  • History (Australian, European, Medieval or World)
  • Geography
  • Ancient Studies
  • Indigenous Studies
  • Business Studies
  • Marketing
  • Accounting
  • Psychology
  • Health Sciences
  • Nutrition
  • Women's Studies
  • Society and Culture
  • Languages

  • English Genre Studies
  • English Literary Canon
  • English Contemporary Literary Studies
  • Mathematics
  • Maths Statistics
  • Drama
  • Screen and Media Studies
  • Visual Arts
  • Chemistry
  • Physics
  • Earth Science
  • Biology
HPE (SECONDARY)

• Separate degree allows recognition of both Health and Physical Education plus the addition of one other specialisation area

• 1 major plus 2 minors (Health and Physical Education must feature as major and 1 minor)

• Second minor options
  • Mathematics
  • Biology
  • Chemistry
  • Environmental Science
  • English
  • Outdoor Education
  • Visual Arts
  • Society and Culture
**INCLUSIVE AND SPECIAL ED**

- Increased focus specifically on inclusive and special education

- Enrol in degree with age group focus
  - (Early Childhood)
  - (Primary)
  - (Secondary)

- Specialisations (pre-defined)
  - Extension on inclusive and special education with focus on key areas such as curriculum design, differentiation, technology, etc…
  - Extensions on literacy and numeracy
POSTGRADUATE EDUCATION

New suite of courses for educators

Dr Mirella Wyra
Associate Dean (Education) College of Education, Psychology and Social Work
Director of Teaching Programs (Continued Professional Education)
Masters
- Master of Cognitive Psychology and Educational Practice
- Master of Education
- Master of Inclusive and Specialised Education
- Master of Leadership in Education
- Master of Wellbeing and Positive Mental Health in Education

Graduate Certificates
- Graduate Certificate in Cognitive Psychology and Educational Practice
- Graduate Certificate in Counselling Vulnerable Children and Young People
- Graduate Certificate in Education
- Graduate Certificate in Educational Design and Digital learning
- Graduate Certificate in Educational Research, Evaluation and Assessment
- Graduate Certificate in Gifted Education
- Graduate Certificate in International Baccalaureate
- Graduate Certificate in Inclusive Education
- Graduate Certificate in Languages Education
- Graduate Certificate in Leadership in Education
- Graduate Certificate in Wellbeing and Positive Mental Health
Tailor your studies: specialisations

- Behaviour
- Cognitive Psychology and Educational Practice
- Complex Disabilities
- Early Intervention
- Educational Design and Digital Learning
- Educational Research, Evaluation and Assessment
- Gifted Education
- International Baccalaureate
- Inclusive Education
- Languages Education
- Leadership in Education
- Leading Learning
- Learning Difficulties
- Research
- Rural Leadership
- Wellbeing and Positive Mental Health

SHAPE YOUR DEGREE ACCORDING TO YOUR NEEDS

Choose from our wide range of topics across a variety of Minor programs of study or elect to complete one or more Minors to develop areas of expertise within your Masters program of choice. The completion of a Minor program of study, each comprised of four topics, will be recorded on your transcript.

Our Graduate Certificates can also be credited towards an education Master degree, enabling you to progress from Graduate Certificate to Master qualification.
ADVANCED STANDING

Recognition of:
- Prior learning
- Relevant work experience

Apply at any time during your study
POSTGRADUATE EDUCATION

Grow your career - and their future. Apply now for Flinders’ new postgraduate education degrees

EXCITING NEW SUITE OF COURSES

Flinders’ postgraduate education degrees are industry-renowned, and our new suite has been further tailored to meet the needs of you, your organisation and the ever-changing educational climate.

Our range of Graduate Certificate and Masters offerings can now further develop your skills and knowledge as an educator more broadly, or specialise in an area of interest.

Relevant and linked to real world workplaces, these courses can be studied part-time or online. Flinders supports continued learning, with expert teaching staff and researchers recognised across the globe in their field.

NO. 1 IN SA

for learner engagement, learning resources and overall educational experience in Teacher Education

To find out more: ed.unimelb.edu.au/education

DESIGNED TO FIT YOUR LIFESTYLE

- Upskill and expand your knowledge in as little as six months
- Tailored to the needs and interests of you and your organisation
- 100% online options available, providing flexibility to study at your own pace
- Choose to study part-time, full-time, online or on campus.

FIND OUT MORE: flinders.edu.au/education
How to apply for postgraduate study

Most postgraduate applications are made through the South Australian Tertiary Admissions Centre (SATAC).

Many of our postgraduate courses are nested, meaning you have flexible entry and exit points. So if you enrol in a Masters and do not complete it – but do complete the nested Graduate Certificate or Graduate Diploma – you may exit with that qualification.

You may also be eligible for credit towards your course depending on your prior skills, experience and study.

Find out more

Make an enquiry

For more information about midyear entry at Flinders University, please fill out the form.

We also offer one-on-one appointments with our prospective student team to discuss career options, pathways, and course and entry requirements.

1300 354 633

askflinders@flinders.edu.au

First name

Last name

Phone number

Email

Country of citizenship

Australia

Ask a question here

I consent to the collection, processing and disclosure of the personal information submitted in accordance with the Flinders University Privacy Policy.

Submit
<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
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<td>Guaranteed Entry ATAR</td>
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<tr>
<td>TAFElink</td>
<td>Advanced Diploma</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>Teaching Capabilities Statement</td>
</tr>
<tr>
<td></td>
<td>Get equipped with all the practical and theoretical skills required to educate and nurture children from birth to eight years.</td>
</tr>
<tr>
<td>Name</td>
<td>Bachelor of Education (Primary)</td>
</tr>
<tr>
<td>-----------------------------</td>
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<td>TAFElink</td>
<td>Advanced Diploma</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>Teaching Capabilities Statement</td>
</tr>
<tr>
<td></td>
<td>Prepare to teach the key learning areas in primary schools. The course is taken as a double degree with a Bachelor of Arts, providing a comprehensive, liberal education for all new teachers.</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Bachelor of Education (Secondary)</td>
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<tr>
<td>TAFElink</td>
<td>Advanced Diploma</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>Teaching Capabilities Statement</td>
</tr>
<tr>
<td></td>
<td>Get equipped with all the necessary skills to become a registered secondary school teacher.</td>
</tr>
<tr>
<td>Name</td>
<td>Bachelor of Education (Secondary Health &amp; Physical Education)</td>
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<tr>
<td>-------------------------------------------</td>
<td>-------------------------------------------------------------</td>
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<td>Guaranteed Entry ATAR</td>
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<td>TAFElink</td>
<td>Advanced Diploma</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>Teaching Capabilities Statement</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>Offers exceptional training for future health and physical educators in school settings and responds to demands for highly trained educators from the sports, recreation and outdoor education industries.</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Bachelor of Inclusive and Specialised Education (Early Childhood)</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------------------------------------------------------</td>
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<tr>
<td><strong>SATAC code</strong></td>
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<td><strong>Length</strong></td>
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<tr>
<td><strong>Indicative ATAR</strong></td>
<td>70</td>
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<tr>
<td><strong>Guaranteed Entry ATAR</strong></td>
<td>80</td>
</tr>
<tr>
<td><strong>TAFElink</strong></td>
<td>Advanced Diploma</td>
</tr>
<tr>
<td><strong>Pre-requisites</strong></td>
<td>Teaching Capabilities Statement</td>
</tr>
<tr>
<td></td>
<td>Recognises the importance of inclusive education in today’s society and the need for specialised expertise required to teach diverse learners.</td>
</tr>
<tr>
<td>Name</td>
<td>Bachelor of Inclusive and Specialised Education (Primary)</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>---------------------------------------------------------</td>
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<td>Guaranteed Entry ATAR</td>
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<td>TAFElk</td>
<td>Advanced Diploma</td>
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<tr>
<td>Pre-requisites</td>
<td>Teaching Capabilities Statement</td>
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</table>

Recognises the importance of inclusive education in today's society and the need for specialised expertise required to teach diverse learners.
<table>
<thead>
<tr>
<th><strong>Name</strong></th>
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</thead>
<tbody>
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<td>Guaranteed Entry ATAR</td>
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<tr>
<td>TAFElink</td>
<td>Advanced Diploma</td>
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<tr>
<td>Pre-requisites</td>
<td>Teaching Capabilities Statement</td>
</tr>
<tr>
<td></td>
<td>Recognises the importance of inclusive education in today’s society and the need for specialised expertise required to teach diverse learners.</td>
</tr>
</tbody>
</table>
STEP INTO YOUR FUTURE

STUDY ENGINEERING

Dr Sherry Randhawa
What is an Engineer?

According to Engineers Australia:

• “Engineers are scientists, inventors, designers, builders and great thinkers.

• Engineers design and build things to solve real-world problems.
Reasons why a career as an Engineer is so great!

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lots of specialisations</td>
<td>• Biomedical, Civil, Electrical and Electronic, Environmental, Mechanical, Robotics, Maritime, Software</td>
</tr>
<tr>
<td>Go anywhere</td>
<td>• Engineers can work anywhere and are needed everywhere</td>
</tr>
<tr>
<td>Competitive Salary</td>
<td>• Great starting salary and terrific future prospects</td>
</tr>
<tr>
<td>In demand</td>
<td>• Lots of job opportunities – in SA, in Australia, Overseas</td>
</tr>
<tr>
<td>Solve real-world problems</td>
<td>• Work benefits society. Name any problem - engineers will have a hand in solving it.</td>
</tr>
<tr>
<td>Professional work environment</td>
<td>• Always working to highest professional and legal standards.</td>
</tr>
</tbody>
</table>
Why study Flinders Engineering?

**5 STARS FOR STUDENT SUPPORT IN ENGINEERING**


**NO.1 IN SA FOR TEACHING QUALITY IN ENGINEERING**

*The Good Universities Guide 2020 (postgraduate), public SA-founded universities only.

**NO.1 IN AUSTRALIA FOR LEARNING RESOURCES IN ENGINEERING**
BACHELOR OF ENGINEERING (ENVIRONMENTAL) (HONOURS)

Engineer the environment for a sustainable world

Where advances in science and technology are transformed into practical solutions that will protect and improve the quality of our environment.

Design solutions to a range of hazards from airborne and waterborne diseases, water and air pollution, wastewater management and recycling.
BACHELOR OF ENGINEERING
(ELECTRICAL AND ELECTRONIC) (HONOURS)

Engineer the technology that will power the future

From large scale electrical systems including renewable power generation and electric motors, to smart cities, autonomous systems and space technology.
Electrical and Electronic Specialisations

- Advanced Electrical Engineering
- Advanced Electronic Engineering
- Computer and Networks Engineering
- Electronic Systems and Security
BACHELOR OF ENGINEERING TECHNOLOGY
(ELECTRONIC SYSTEMS AND SECURITY)

A unique pathway to a long career at the forefront of electronic and electromagnetic technologies

This course encompasses a wide range of communication mediums including radar, radio and microwaves.

Developed in collaboration with Defence Science and Technology Group, Department of Defence.
GET FLEXIBLE WITH FLEXIBLE ENGINEERING DEGREES AT FLINDERS UNIVERSITY

ENGINEER YOUR OWN CAREER

https://www.flinders.edu.au/study/engineering/engineering-pathways
BACHELOR OF ENGINEERING (HONOURS) - FLEXIBLE ENTRY

Get
Get a taste of engineering before choosing your specialisation.

Embark on
Embark on a first-year engineering degree without choosing an engineering specialisation.

Transition
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.
BACHELOR OF ENGINEERING (HONOURS) - GENERAL ENTRY

• Guaranteed entry pathway into Flinders Engineering for students who have passed SACE Stage 2 General Mathematics or SACE Stage 1 Mathematics.

• Includes additional maths and physics topics at first year to help you transition to the engineering specialisation of your choice.
Flinders University

GO BEYOND IN ENGINEERING & DESIGN
<table>
<thead>
<tr>
<th>Name</th>
<th>Bachelor of Engineering (Electrical and Electronic) (Honours)</th>
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<tbody>
<tr>
<td>SATAC code</td>
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<td>Length</td>
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<td>Guaranteed Entry ATAR</td>
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<tr>
<td>TAFElink</td>
<td>Diploma</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>SACE stage two specialist mathematics or mathematical methods or equivalent.</td>
</tr>
<tr>
<td></td>
<td>Electrical engineering is concerned with large scale electrical systems including renewable power generation and electric motors.</td>
</tr>
<tr>
<td></td>
<td>Electronic engineering focuses on lower voltage systems such as computer systems, communication networks and integrated circuits.</td>
</tr>
<tr>
<td>Name</td>
<td>Bachelor of Engineering (Environmental) (Honours)</td>
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<tr>
<td>-----------------------------</td>
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<tr>
<td>SATAc code</td>
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<tr>
<td>Length</td>
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<td>Guaranteed Entry ATAR</td>
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<tr>
<td>TAFElink</td>
<td>Diploma</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>SACE stage two specialist mathematics or mathematical methods or equivalent.</td>
</tr>
<tr>
<td></td>
<td>Develop a detailed knowledge of anatomy and physiology through specialisation topics in Therapy Studies, providing a strong foundation for future endeavours in a range of traditional and emerging therapy areas.</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Bachelor of Engineering Technology (Electronic Systems and Security)</td>
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<tr>
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<tr>
<td><strong>Guaranteed Entry ATAR</strong></td>
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<tr>
<td><strong>TAFElink</strong></td>
<td>Diploma</td>
</tr>
<tr>
<td><strong>Pre-requisites</strong></td>
<td>SACE stage two general mathematics or equivalent</td>
</tr>
<tr>
<td></td>
<td>Students will conduct studies in signal processing, infrared imaging systems, multi-spectral sensing, satellite communications, computer networks and telecommunications.</td>
</tr>
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</table>
My Graduate Career Journey

Presented By: Anika Talukder
About Me

- Bachelor of Biomedical Engineering (Honours)/Masters of Engineering (Biomedical)
  - Graduated in 2019
  - Electronics specialisation

- Graduate Hardware Engineer
  - BAE Systems Graduate Program 2020

- I design, test and integrate technologies, using both software and hardware experiences

- Passionate about developing technologies to enhance human life and future space missions
What did I do at School?

- Graduated School: 2014
- SACE subjects: Math, Physics, Research Project, English and Biology
- Career aspirations: Astronaut or Medicine
- Space School
  - SA Space School 2012
  - VSSEC Space Camp 2012 and 2013
What did my time at Flinders University look like?
## What does my work look like?

<table>
<thead>
<tr>
<th>Rotation 1: Data Analysis</th>
<th>Rotation 2: Hardware Design and Analysis</th>
<th>Rotation 3: Research and Integration of New Technologies</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Electronic Warfare (Aircraft project)</strong></td>
<td><strong>Electronic Warfare (Aircraft project)</strong></td>
<td><strong>Shipbuilding R&amp;D (Naval project)</strong></td>
</tr>
<tr>
<td>➢ Applying AI software techniques using programming to process and classify large amounts of data</td>
<td>➢ Designing and building Automated Test Equipment (ATE): Hardware analysis and test tools</td>
<td>➢ Integration of hardware, participate in Industry 4.0 research for shipbuilding</td>
</tr>
<tr>
<td>➢ Test and Set-to-Work custom designed PCB boards</td>
<td>➢ Designing sections of a custom PCB board (Using circuit analysis)</td>
<td>➢ Collaboration and engagement with defence, academia and industry</td>
</tr>
</tbody>
</table>
**My Career Journey**

**University**
Flinders University, SA
- Biomedical Engineering
- Maintained part time jobs throughout
- Placements: Malaysia, Singapore
- Contributed to research and product development

**School**
Hamilton Secondary College, SA
- Wanted to be an astronaut
- Participated in 3 Space Camps
- Wanted to study medicine
- Worked at Kmart for 7 years

**Graduate Hardware Engineer**
BAE Systems Australia, SA
- Application of AI to classify signals
- Hardware design and testing
- Test system integration
- Research and integration of industry 4.0 technologies (Digital shipyard)

**Where to next?**
**Short term**
Research and integration of digital technologies for shipbuilding

**Long term**
Contribute to R&D of Space technologies to advance human space missions
Thank you

Any Questions?
### Name
Bachelor of Biomedical Engineering (Honours)/Masters of Engineering (Biomedical)

<table>
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<tr>
<th>SATAC code</th>
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<td>TAFElink</td>
<td>NA</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>SACE stage two specialist mathematics or mathematical methods or equivalent.</td>
</tr>
</tbody>
</table>

In addition to equipping you with the skills to investigate, plan, design, manufacture and maintain systems and equipment that are used in all aspects of health care, this degree includes further medical topics and more advanced topics in biomedical engineering.
Lunch
Please pick up your pre-ordered lunch pack, alphabetised by surname
Workshops

Please check your allocated workshop, located at the bottom of your name badge.

• AFTER LUNCH MEETING POINTS
  • Workshop 1 – Level 1 foyer of HSLTC
  • Workshop 2 – Level 2 foyer of HSLTC
  • Workshop 3 – Level 3 foyer of HSLTC
  • Workshop 4 – HSLTC, 1.01 (outside lecture theatre)

Ambassadors will then guide you to your workshop
Welcome back

• Workshop 1 | Game Development and Innovative Screen Production
• Workshop 2 | Become a Tasting Expert
• Workshop 3 | Design, technology and rehabilitation – harnessing STEM to help others
• Workshop 4 | Ophthalmology & Vision Science 101
Workshops wrap-up
Workshop 1 | Game Development and Innovative Screen Production
Workshop 2 | Become a Tasting Expert
Workshop 3 | Design, technology and rehabilitation – harnessing STEM to help others
GENERAL UPDATES

Jarrad Benson
FOLLOW YOUR OWN PATH...

YEAR 12
- SELECTION RANK
- GUARANTEED ENTRY SELECTION RANK
- UNITEST
- School Recommendation
- Indigenous Admission Scheme

ADULT ENTRY
- STAT
- TAFELINK
- FOUNDATION STUDIES

TERTIARY TRANSFER
- GRADE POINT AVERAGE (GPA)
- FLINDERSLINK

TO THE DEGREE OF YOUR CHOICE
UNITEST

- 40% Unitest, 60% ATAR, or 100% option
- Consideration for entry to all Flinders degrees (excluding Medicine)
- Can’t be disadvantaged
- No cost
- Apply using SATAC
- Visit flinders.edu.au/unitest
School’s Recommendation Program

Students are eligible to apply for the Principal's Recommendation Program if they are:

- applying for a Flinders course starting next year **AND**
- currently enrolled in Year 12/13 **OR**
- enrolled in an alternate education pathway (FLO/VET)

- Application via SATAC, and form direct to Flinders
Research Project B pathway

• University looks at evidence base for its admission pathways.
• Analysis of students academic performance
• Students with Research Project B results (above grade 7) are selected on a new admissions selection rank that weights the Research Project B performance
• Available for most Flinders courses
• Automatic consideration
Extension Studies

• Challenge your high achieving students
• Half fee scholarships provided by Flinders (non-award rate)
• Over 100 topics to choose from.
• Over 30 topics are online. More coming soon.
• Credit towards Flinders degree
• Counts towards SACE
For the purpose of calculating an ATAR, university grades will be converted in the following way:

- High Distinction = 20
- Distinction = 19.8
- Credit = 18
- Pass = 15.8

These are the total scores (towards your ATAR) that are available for completing two topics, for example:

- Topic One = High Distinction = 10 points
- Topic Two = Credit = 9 points
- Combined score towards ATAR = 19 points
INDIGENOUS PATHWAYS

Sub-Quotas in Medicine & Optometry & Health

Indigenous Access Scheme

Support includes:

• 1:1 Support Officer
• Tutoring Program
• Study Skills Program
• Study Space
• Scholarships
• Tertiary preparation program
• Back up for your students who don’t do as well in Year 12 as they had hoped
• Submit application form direct to Flinders
• Free
ATAR 60+

- Bachelor of Arts (Psychological Science Pathway)
- Bachelor of Science (Forensic & Analytical Science Pathway)
- Bachelor of Disability & Developmental Education (Health Pathway)
- Bachelor of Arts (Primary R-7 Teaching Pathway)
- Bachelor of Arts (Secondary Teaching Pathway)
Year 11 Grades Admission Pathway

Pilot in 2020 for 2021 Admission

• Consideration for entry to Flinders degrees in bands based on grades

• Can’t be disadvantaged

• No cost

• Still apply for uni by SATAC
Year 11 Grades Admission Pathway

School Participation by School Sector
- Catholic: 56 (32%)
- Government: 32 (18%)
- Independent: 88 (50%)

Total Conditional Offers by School Sector
- Catholic: 504 (30%)
- Government: 429 (26%)
- Independent: 744 (44%)
Year 11 Grades Admission Pathway

2021

Most Offers Made

- Nursing
- Psychology
- Medical Science
- Education
- Criminology
- Social Work
Do you support the Flinders Year 11 Grades Admissions Pathway being continued for 2022 admission?

<table>
<thead>
<tr>
<th>#</th>
<th>Answer</th>
<th>%</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Yes</td>
<td>75.56%</td>
<td>68</td>
</tr>
<tr>
<td>2</td>
<td>No</td>
<td>24.44%</td>
<td>22</td>
</tr>
<tr>
<td></td>
<td>Total</td>
<td>100%</td>
<td>90</td>
</tr>
</tbody>
</table>
Year 11 Grades Admission Pathway Survey

Overall how satisfied were you with this pathway for your students?
Feedback received

- Use in combination with Year 12 grades
- Change timing
- Streamline the process
Feedback received

- ‘Allowed peace of mind for the students prior to going into their exams’
- ‘It took a lot of pressure off of students knowing that they had a backup’
- ‘This pathway has also been a great way to reiterate to students the importance of achieving their best throughout their schooling, and not just in Year 12’
- ‘There should be more programs like this so students don’t feel inclined to play the ‘ATAR game’ when selecting Year 12 subjects’
- ‘When used appropriately and with academic rigour and pre-requisites still applicable, then Year 11 Grades admission is a credible alternative’
- ‘I really liked your process where students had to apply themselves and then have a basic drop down menu for schools to indicate the Year 11 grades for those students’
2022 Admission?

• Informal feedback and formal feedback has been received
• Semester One grades pending
Combined Degrees

• Revised combined options. Over 50 combinations to choose from

• New way to apply in SATAC

• Explore the full range at flinders.edu.au/combined-degrees (updated with new offerings from early August)
Services For Schools

- Year 10, 11, & 12
- Parent Nights
- 1-1 advice sessions
- Research Project
- Subject specific
Prospective Students Team

The Prospective Students Team includes:

Jarrad
Laura
Nikki
Nicole
Chelsea
Jonathon

TEL: 08 8201 5322
E: schools@flinders.edu.au

Plus our many Student Ambassadors
Thank you for attending

- Optional Flinders Living tour