Schools’ Professional Development Day
- 2019 AMA Indigenous Medical Scholarship
- South Australian Screen Awards: Best Directing, Best Drama, Best Sound Design
- Flinders Students travelling to France on Industry placement with Nicolas Baudin Scholarships
## Overview of day

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:45am</td>
<td>Welcome, New Courses</td>
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<tr>
<td>10:20am - 10:45am</td>
<td>Morning Tea</td>
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<tr>
<td>10:45am</td>
<td>New Courses continued</td>
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<tr>
<td>12:30pm - 1:10pm</td>
<td>Lunch (optional tour of Student Hub and Plaza)</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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Wifi access

1/ Connect to “Flinders Conference” wireless SSID

2/ Code = palesnow53
New course updates
Flinders LLBLP2020
The New Way of Law

TANIA LEIMAN
Associate Professor & Dean of Law
College of Business, Government & Law
tania.leiman@flinders.edu.au

#Flinders Law #Law4.0
Lots of career opportunities exist for law graduates
2. SIZE OF THE PROFESSION

As at October 2018, there were 76,303 practising solicitors in Australia.

The legal profession is growing by +33%.

- Western Australia (+26%)
- Queensland (+39%)
- South Australia (+7%)
- Northern Territory (+8%)
- Tasmania (+62%)
- ACT (+67%)
- Victoria (+32%)

Lots of opportunities exist for law graduates outside the legal profession too.
Legal knowledge & skills 
highly transferrable & highly valued
Top 10 Skills Important in the Workforce

**2015**
1. Complex Problem Solving
2. Coordinating with Others
3. People Management
4. Critical Thinking
5. Negotiation
6. Quality Control
7. Service Orientation
8. Judgement and Decision Making
9. Active Listening
10. Creativity

**2020**
1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordinating with Others
6. Emotional Intelligence
7. Judgement and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

(Source: Future of Jobs Report, World Economic Forum)
The nature of work is changing
The Fourth Industrial Revolution is interacting with other socio-economic and demographic factors to create a perfect storm of business model change in all industries, resulting in major disruptions to labour markets. New categories of jobs will emerge, partly or wholly displacing others. The skill sets required in both old and new occupations will change in most industries and transform how and where people work. It may also affect female and male workers differently and transform the dynamics of the industry gender gap.
Industry 4.0 framework and contributing digital technologies

- Mobile devices
- Cloud computing
- IoT platforms
- Augmented reality/wearables
- Multilevel customer interaction and customer profiling
- Big data analytics and advanced algorithms
- Smart sensors
- 3D printing

Data & Analytics as core capability
1. Digitisation and integration of vertical and horizontal value chains
2. Digitisation of production and service offerings
3. Digital business models and customer access

Location detection technologies
Advanced human-machine interfaces
Authentication & fraud detection

Industry 4.0

source: PwC via @mikequindazzi
Key trends in IoT

1. Wearables
   Wearable devices are installed with sensors and softwares which collect data and information about the users. This data is later pre-processed to extract essential insights about users.

2. Smart cities
   Smart city spans a wide variety of use cases, from traffic management to water distribution, to waste management, urban security and environmental monitoring.

3. Smart homes
   Smart houses are looking to IoT and smart home to help increase convenience as well as reduce costs and conserve energy.

4. Smart grids
   Smart grids are a future smart grid premises to use information about the behaviour of electricity suppliers and consumers in an automated fashion to improve the efficiency, reliability and economics of electricity.

5. IoT in healthcare
   Collected healthcare data will help in personalized analysis of an individual’s health and provide tailor-made strategies to combat illness.

6. Industrial IoT
   IoT is empowering industrial engineering with sensors, software and big data analytics to create brilliant machines.

7. Connected cars
   A vehicle which is able to optimize its own operation, maintenance as well as comfort of passengers using on-board sensors and Internet connectivity.

8. Smart retail
   IoT provides an opportunity to retailers to connect with the customers to enhance the in-store experience.

source: PwC via @mikequindazzi

miikequindazzi 8 IoT trends for 2019 >>> Infographic >>> @MikeQuindazzi >>> AI #SmartHome #Wearables #InternetOfThings #ConnectedCar #IoIT #Digital #BigData #DataAnalytics #DataScience #IoE >>> https://buff.ly/2q7CbrR

19 likes
16 HOURS AGO

Log in to like or comment.
What will the future law firm look like?

The legal profession will be radically different in ten years. On the whole, we expect the following:

- Fewer traditional lawyers in law firms
- A new mix of skills among the elite lawyers
- Greater flexibility and mobility within the industry
- A reformed workforce structure and alternative progression routes
- A greater willingness to source people from other industries with non-traditional skills and training.
Legal AI Landscape 2018
Maintaining Competence

[8] To maintain the requisite knowledge and skill, a lawyer should keep abreast of changes in the law and its practice, including the benefits and risks associated with relevant technology, engage in continuing study and education and comply with all continuing legal education requirements to which the lawyer is subject.
Legal education needs to change
CHAPTER 6: LEGAL EDUCATION

- In a changing environment, the skills and areas of knowledge likely to be of increasing importance for the graduate of the future include:
  - technology
  - practice-related skills (e.g., collaboration, advocacy/negotiation skills)
  - business skills/basic accounting and finance
  - project management
  - international and cross-border law
  - interdisciplinary experience
  - resilience, flexibility and ability to adapt to change.
Legal education at Flinders is changing
Flinders Law – Law 4.0

LEGALLY LITERATE LEADERS

enterprising, work-ready professionals for the digital age
<table>
<thead>
<tr>
<th>1</th>
<th>Introduction to Law &amp; Justice</th>
<th>Essential Legal Skills</th>
<th>Indigenous Peoples, Colonialism &amp; Law</th>
<th>International Law &amp; Global Perspectives</th>
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<tr>
<td>Ethocs &amp; Professional Responsibility</td>
<td>Innovative &amp; Creative Thinking</td>
<td>Innovation for Social Impact</td>
<td>Criminal Law &amp; Procedure</td>
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<td>2</td>
<td>Torts</td>
<td>Property, Equity &amp; Trusts</td>
<td>Real Property</td>
<td>Corporate Law</td>
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<td>Contracts</td>
<td>From Innovation to Impact</td>
<td>Law in a Digital Age OR Law in Action</td>
<td>Jurisprudence</td>
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<td>Administrative Law</td>
<td>Law in a Digital Age OR Law in Action</td>
<td>Evidence</td>
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<td>Civil Litigation Practice</td>
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<td>Criminal Practice &amp; Advocacy</td>
<td>Legal Professional Practice</td>
<td>Transactional Legal Practice</td>
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</table>
Thank you for your interest

TANIA LEIMAN
Associate Professor & Dean of Law
College of Business, Government & Law
tania.leiman@flinders.edu.au
<table>
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<th><strong>Name</strong></th>
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<td>Pre-requisites</td>
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<td>Combined degree options include:</td>
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<td><strong>Name</strong></td>
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</tr>
</tbody>
</table>
Renata’s story
Thomas More College 2008-2012
BSc (Forensic and Analytical Science) (Honours)
My Journey to University

Graduated Year 12 in 2012

Gained a good ATAR for entry into university

I had always enjoyed studying science
My Journey to University

BSc (Forensic and Analytical Science)

Analytical Chemistry

Organic Chemistry

Forensic Science
My Favourite Practicals

Organic Chemistry
- Making molecules!

Biological Criminalistics
- Blood spatter
- Stabbing gelatin blocks

Blood spatter demonstration
Research Opportunities

Summer Research Scholarship, Flinders University (2016)

Chalker Research Group (www.chalkerlab.com)
Artisanal and Small-Scale Gold Mining

- 3rd world countries use mercury to extract gold from ore
- Mercury is an extremely toxic metal
  - Impaired cognitive function, neurological damage, kidney damage and many other health problems
- Miners do not use PPE so they are exposed to mercury on a daily basis
- Unused mercury dumped into waterways, so there is a need to remove this mercury from the environment
Environmental Remediation of Mercury

>90% HgCl₂ removed

Canola Oil Polysulfide

>99% mercury removed
International Research Opportunities

Studying abroad in Kuala Lumpur, Malaysia (2016)
So...what should I research during Honours?

Organic Chemistry + Research = Developing new pharmaceutical drugs

Rotary evaporator

Nuclear Magnetic Resonance (NMR) Spectroscopy
Working @ Flinders University

Student Ambassador
- STEM Outreach
- Prospective Students Office

Chemistry Demonstrator
- 1st Year General Chemistry
- 3rd Year Organic Chemistry & Forensic

Before liquid nitrogen workshop, STEM Outreach
A group for women in STEM at Flinders

• Founded by Dr. Maria Parappilly
• Supports students' through role model workshops and networking opportunities.
• Provides students with a greater awareness of what STEM study and work involves to improve self-confidence.
• Provides leadership skills to help students continue and succeed in STEM related careers through programs like Thinkers in Residence.
What Now?

Hand on fire for a SciWorld show

Working as a Research Assistant at Flinders University

Science Communicator at SciWorld

Just started a PhD!
Thank you!

• Any questions?
<table>
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<td>Pre-requisites</td>
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</table>
Bachelor of International Relations and Political Science

Teaching Program Director:
Associate Professor Anthony J. Langlois
2020 Launch

A new degree for a new world!

Bachelor of International Relations and Political Science

Be a part of the first group of students to experience this brand new degree!!!
If you want to…

• Change the world
• Travel Overseas
• Pursue Justice in our Community
• Learn how to make your voice heard
• Shape the future…
Understand today’s big issues:

• Trump
• Brexit
• The rise of China
• Australia’s election result
• How to Deal with Climate Change
• The Digital Revolution
• The future of work
Purpose:

The degree will give you the skills required to drive political, social and economic change.

It will prepare you for exciting careers in the public, private and not-for-profit sectors, in Australia and overseas.
What kind of careers?

A brilliant degree for a broad range of career options including:

- Policy analyst for Business, Government and NGOs
- Diplomat or Public Service Officer
- Journalist or digital media content maker/manager
- International Aid or Development worker
- Research officer or assistant
- Intelligence, Security or Political Analyst
- Risk Manager or Public Relations Specialist
- Education – teacher, aid, administration,
- Advocacy officer/researcher in the community sector
- Human Resources
Study with Experts

- Award winning Teachers
- Global Research Reputations
- Industry Engagement
- Media Commentary
- International Connections
  - China, Indonesia, East Timor, Japan, Europe, United States, United Kingdom
Key Features

• A world class educational experience
• Specialist knowledge in International Relations, Politics, and Public Policy
• Shared your degree experience with an engaged and motivated student group
• A core curriculum for critical knowledge and skills
• Internships and work placement options
• Study abroad opportunities
• Combine your degree with others: Law, Business, Criminology, Education, & many more
More Information

www.flinders.edu.au/study/government-international-relations
<table>
<thead>
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<td><strong>Name</strong></td>
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<td>Arts, Business, Business (Human Resource Management), Business (Innovation and Enterprise), Business (International Business), Business (Management), Laws and Legal Practice *</td>
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</table>

* Will require higher minimum selection RANK
Morning tea
CAMPUS DEVELOPMENT UPDATE

Dr Shane Jennings
Acting Director, Property, Facilities & Development
WHAT’S HAPPENING AT FLINDERS...

Flinders rail and station
Flinders Village
Other campus developments
FLINDERS LINK

City – Campus rail connection

Construction commenced

Scheduled completion 2020

20 minute service to City
FLINDERS VILLAGE

OUR BOLD VISION FOR GROWTH AND FUTURE SUCCESS

Flinders UNIVERSITY
OUR BOLD VISION

A globally renowned precinct in innovation, enterprise, health, education and lifecycle

Integrated mixed-used precinct fostering a community culture

Transport-orientated development integrated with road and rail

Focus on continued growth and success

Fostering a community culture for students, staff, visitors, service providers and local residents.
KEY DEVELOPMENTS

A WELCOMING, VIBRANT COMMUNITY PLAZA
VIBRANT COMMUNITY SPACES

Centred around the new Flinders Station
Transformed arrival experience
Transport and connections
Active retail and services
Vibrant community urban hub
High quality public spaces
Integrated art and cultural activities
Community gardens
Initial works scheduled for 2020
A WORLD-CLASS HEALTH RESEARCH FACILITY

KEY DEVELOPMENTS
HEALTH MEDICAL RESEARCH BUILDING

World class research facility
State-of-the-art teaching simulation and clinical research spaces
Integration of academics, clinicians, students and community
New front doors for the Colleges of Medicine and Public Health, Nursing and Health Sciences
Community engagement and cultural spaces.
KEY DEVELOPMENTS

NEW COMMUNITY-CENTRED STUDENT LIVING
ON-CAMPUS STUDENT LIVING

Located eastern side of Flinders Village
Expanding our current 561 beds
Unique location and experience
High-quality public spaces
Safe, welcoming community
Enhanced connectivity to central campus
Well connected to transport and City
Views over the Village to the coast
FLINDERS VILLAGE: A VIBRANT DESTINATION

As Flinders Village develops it will deliver:

- Retail and services
- Student spaces
- Recreation and entertainment
- Community gardens
- Research, research commercialisation incubators
- Health commercialisation and start ups
- Art, community and cultural spaces
- Innovation incubators and co-working hubs
- Health and wellness clinics and consulting
- A hotel and serviced apartments
- Commercial and office space
- More student accommodation
OTHER CAMPUS DEVELOPMENTS

- Learning Space Program
- Student learning spaces
- Enhanced student service spaces
- Sustainability investment
New course updates continued
Accounting & Business updates

Dr Vipul Pare
FLINDERS BUSINESS
BUILDING THE BUSINESS OF TOMORROW

FLINDERS.EDU.AU/IBUSINESS
THE FUTURE OF BUSINESS EDUCATION

Graduates need

- Strong business knowledge
- Personal enterprise skills
Why Flinders Business?

- Ranked number 1 in South Australia for overall quality of educational experience, skills development, teaching quality and student support.
- Innovative degrees to prepare students to thrive in the future, to seize opportunities and to adapt to challenges and change when they occur.
- Committed to providing student-centred, innovative, high quality learning experiences.
- Flexibility with many business topics offered online
- Strong work integrated learning program with more than 200 businesses
- Opportunities to connect with real business through industry projects and business problems embedded in topics for every student
Geared for careers

- Work-integrated learning
- Careers & Employability Service
- Mentoring
Integrating real business

Industry placements/internships – 200+ host organizations
  – BUSN3044 Industry Placement (4.5 units)

Real life consulting projects with our industry partners
  – BUSN3061A Industry Project (4.5 units)
  – BUSN2048 Social Media Marketing
  – BUSN3055 Strategic Management
  – BUSN3027 – E-Business

New Trading Lab
  – Real-world financial experience

Flinders Ignite Mentor Program
  – matched with mentors throughout your degree
  – refine your skills
  – develop your industry networks
First year
A typical first year may include:
- core topics in accounting for managers; quantitative methods; management, people and organisations; economics; law; and marketing principles
- a selection of additional business topics and electives from across the University

Second year
A typical second year may include:
- further core topics
- a selection of additional business topics and electives from across the University

Third year
A typical third year may include:
- further core topics
- Industry placement and industry project

No. 1 SA university in business and management for overall experience and teaching quality
(The Good University Guide 2019, public SA-founded universities only)

Business

Common highlight topics include:
- BUSN3065 The Future of Work in the Digital Age
- BUSN2044 Managing Diversity
- BUSN2048 Social Media Marketing
- BUSN3037 Import-Export Theory and Practice
- BUSN3044 Industry Placement
- BUSN3061A Industry Project
Choice of specialisations and small class sizes
First year
A typical first year may include:
• core topics in accounting principles; quantitative methods; management, people and organisations; economics for business; law for business; and foundations of finance
• a selection of additional business topics

Second year
A typical second year may include:
• further core topics
• a selection of additional business topics and electives from across the University

Third year
A typical third year may include:
• further core topics
• Industry placement and industry project

Accounting student of the year
2016, 2018 & Rising Star 2018

5 stars Accounting for overall experience and teaching quality
(The Good University Guide 2019)
Bachelor of Business (Supply Chain Management)

This degree aims to provide students with the knowledge and competencies to a broad range of business/supply chain practices including systems and processes, planning, supply management, production, operations, logistics and the use of current and emerging data and analytical practices.

Specialist topics will include:
- Procurement and supply chain
- Supply chain analytics
- Supply chain strategy
Bachelor of Business (Sports Management)

Combining recreational and physical activity with management this degree aims to provide students with the knowledge and competencies to a broad range of sport management and business aspects of sport.

Specialist topics will include:

- Sports Marketing
- Sports Law
- Leadership in sports
Bachelor of Accounting and Finance

This professional degree provides students with the skills and knowledge to analyse investments, source foreign exchange deals and analyse and communicate the financial situation of an organisation as an accounts officer, financial analyst, tax analyst, management accountant and treasury roles.

Specialist topics will include:
• Personal Financial Planning
• Derivatives and Risk Management
Bachelor of Banking and Finance

This degree provides students with the skills and knowledge financial institutions, financial instruments and markets of the financial services sector required for managing money, trading stocks, investment management in an institutional setting.

Specialist topics will include:

- International Business and Banking
- Credit Analysis and Lending Management
- Derivatives and Risk Management
New topics

Supply Chain Analytics
Innovation and Enterprise program powered by The Fox School of Business

Embed topics in any degree

Topics include:

- Innovative & Creative Thinking
- Finding Backers & Champions
- Collaboration, Co-Creation and the Crowd
Quality Indicators of Learning and Teaching

Student Experience - Undergraduate

Overall quality of educational experience

Data source: Student Experience Survey 2017 and 2018

The black bars at the top of each chart are confidence intervals. To find out more, read How to interpret this data.

Skills development
Quality Indicators of Learning and Teaching

Student Experience - Undergraduate

Teaching quality

Student support

Data source: Student Experience Survey 2017 and 2018
The black bars at the top of each chart are confidence intervals. To find out more, read How to interpret this data.
Australian Accounting Student of the Year

Zak Robson
Bachelor of Commerce
(Advanced Leadership & Accounting/Finance)
Australian Accounting Student of the Year 2016

“Flinders gives you lots of opportunities and it’s really important to take every one. I learned that it is really important to get involved and not to be afraid of failing.”

Marithe Solis
Bachelor of Commerce (Advanced Leadership and Accounting/Finance)
Australian Accounting Student of the Year 2018

“It’s such an honour to have received this award. I owe much of my success to the dedicated teaching team at Flinders who challenged and inspired me.”
Questions
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Professor David Powers
College of Science and Engineering
Computational Cognitive Science

AudioVisual BrainMuscle Control
Unconscious Computer Interface
Multimodal Language Learning

David M W Powers

Knowledge Interaction Technology
Artificial Intelligence Laboratory
College of Science & Engineering

David.Powers@Flinders.edu.au
What is thinking/intelligence?

Animal / Robot

Human Cognition \[\Leftrightarrow\] \ Artificial Intelligence

Turing Test – can you tell the difference?

• Language capabilities (text or speech)
• Perceptual abilities (in the here & now)
• Irreal abilities (beyond the here & now)
• Grounding (real world/time interaction)

1950: buy best sensors… and learn :2000

Win 30% of the time in 5 minute conversations
Talking Head → Thinking Head

- How can a baby learn language?
- How can she learn as fast?
- How does he learn sounds?
- How does he learn grammar?
- How does he learn meanings?
- How does he learn abstraction?
- How does he learn when wrong?

Embodyment
  - Immersion
  - Monolingual
  - Motherese
  - Emulation
  - Repetition
  - Sharing
  - Empathy
Supervised or Unsupervised?

- Rote learning – boring but fundamental multiplication tables
- Rule learning – how to work things out long division method quadratic formula
- Inductive learning – discovering rules
  - Supervised = teacher + critic (± examples)
  - Unsupervised = source of +examples only
Sharing an Environment

• Sharing the basic activities of life
  • L1: Feeding, sleeping, bathing…
  • L2: Eating, shopping, socializing,…

• Sharing in repetitive playful activity
  • L1: Peek-a-boo, toys, games, roleplay…
  • L0: Playing with blocks  →  animated scenes…

• Sharing point of view, gaze and goals
  • Eyes moving from face to target object…

• Sharing emotional responses
  • Affection, irritation, shock, surprise…
Language Learning in a Simulated World

Look! Do you see the mice?
Hybrid World Grounding

- Virtual world to teach/show things safely
- Real world sensors to learn/monitor
- Real world motors to move/manipulate
- Virtual world to display and explain
- Initially to teach computer language
- Then for computers to teach language
- Now real and virtual robots for any task

The Missing Link
Recording to train Head

upto 8 cameras/mikes+kinect
– haptics – robots/wheelchair
Computer in different Roles

- Learning Language
- Learning Grammar
- Learning Phonology
- Learning Semantics
  - Nouns, Adjectives
  - Verbs, Prepositions
- Learning Emotions
- Learning Expressions

- Teaching Language
- Teaching Grammar
- Teaching Numeracy
- Teaching Skills
  - Social Skills (Autism)
  - Memory (Alzheimers)
- Companion/Peer
- Motivation/Counsel
Preliminary Expression Evaluation

- Evaluation of facial expressions with typically developed adults
  - Participants watched a virtual person display expressions while listening to a story
  - Provided with open ended questions then multiple choice questions
  - Results indicated that facial expressions used in the tutoring software tend to raise student grades
Different Faces/Personae

- Alzheimer's/Dementia
  - Older
  - Unrelated
    - Wanted daughter
    - Seen as nagging
    - No need to visit
  - Authoritative Type
    - Orderly
    - Matron
    - Seen as doing job

- Autism/Motivation
  - Younger
  - Teacher Type
    - ONLY good examples
    - NO bad examples
    - Question/Draw out
  - Peer Examples
    - Fellow Student
      - Good model
      - Bad model
Autism – Social

• Several participants scored highly in pre-test
  • Need to screen participants prior to involvement

• Even so, significant improvements were made
  • 54% for bullying tutor
  • 32% for conversation tutor
ABC Human Computer Interface

- Audiovisual Brainmuscle [H]CI
  - AudioVisual to understand user/world
- BCI traditionally uses EEG brainwaves
- EEG is *always* contaminated by EMG
  - Brainmuscle acknowledges this…
  - Our hardware/signal research fixes this...
- ABCI fuses AV and BM information
- Improves accuracy/flexibility of HCI

Conscious BCI
Unconscious Computer Interface

• BCI = Brain Control Interface
• BCI = Brain Computer Interface
  - BCI Monitors Learning/Skill/Awareness
  - BCI Monitors Workload/Affective State
  - ABCI Detects Natural Brain/Body Events
    • Seeing a popup and accepting/rejecting
    • Selecting an icon or a key (old hat)
    • Typing/Editing by thinking or gaze tracking

• When is a Robot/Agent like a Person?
  • When it plans and presents options to the user
Human Wheelchair Interface

- Computers that are more intelligent
- Computers that understand the world
- Computers that understand people
- Computers that people understand
- Computers that can be taught/can learn
- Computers that can teach/train/show
- Computers that are essentially robots
Who’s doing this research?

• $5M ARC/NHMRC Thinking Head project
  2x $300K ARC Discovery grants for EEG
  $1M ARC LIEF grant for multimodal AV

• Audio-Visual Speech Rec – UG4/PhD/PD

• Speech-Control – UG3 (I2Net/Clipsal Homespeak)

• Conversational Agents – UG4/PhD (Clevertar.com/AnnaCares)

• Intelligent Search – UG3/UG4/PhD (YourAmigo.com/YourAnswer)

• Brain Computer I/F – Yr11-PhD (BioX/VitalSigns)

• Robots & Wheelchairs – Yr11-PhD
Questions
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Clarrie Germain
Occupational Therapy Student
Dr Tully Barnett
Senior Lecturer in Creative Industries
Bachelor of Creative Arts (Enterprise)
Adelaide’s Growing Creative Infrastructure
• Recommendation from the Creative Futures Report (2013)
  • “To address the critical skill needs, a ‘Creative Entrepreneur’ Skill Set should be designed with the following components:
    • Business development
    • Marketing
    • Finance and Taxation
    • Project and Self Management
    • Digital Literacy
By 2030, workers will spend...

- 30% more time on critical thinking and judgment
- 41% more time learning on the job
- 100% more time per week using verbal communication and interpersonal skills
- 17% more time at work solving problems

A Dynamic Learning Experience Empowering You to Think Big.

Flinders University offers all students the opportunity to embed innovation and enterprise topics within their degree.

Around 70 per cent of young Australian graduates are starting their careers in roles that will substantially change or be obsolete in the next 10 to 15 years.*

At Flinders, we prepare you for the careers of tomorrow, providing you with the ‘personal enterprise’ skills to be ready for the five career changes and 17 different jobs** you are likely to have over your lifetime.

We recognise that careers are evolving and the workplace of the future will look very different from today’s. That’s why we’re constantly fine-tuning our degrees to empower you to create the jobs of the future.

The innovation and enterprise suite is powered by Fox School of Business at Temple University, a US top-ten university for entrepreneurship** and cutting-edge online teaching. Each topic is embedded with the philosophy of Flinders New Venture Institute, our entrepreneurial arm. Innovation and enterprise topics can be undertaken with any degree at any time to unlock your career potential.

By providing you with the skills necessary to enhance your creativity, understand and embrace innovation, and think like an entrepreneur, we’ll prepare you for graduate success. You’ll gain an understanding of the forces of disruption, using new technology and business models to succeed in the industries of today, and challenge the industries of tomorrow.

Expand your learning experience and excel in a future that will be automated, globalised and collaborative, by adding innovation and enterprise topics to your degree.

Fundamental topics are also available to all students undertaking a Flinders bachelor degree. In addition, the Bachelor of Letters (Innovation and Enterprise) can be undertaken with an existing undergraduate degree, as a fourth year standalone course, and as an online undergraduate course.

**Flinders’ New Venture Institute named ‘Top Challenger in Asia-Pacific’ in 2017/18 UBI World Benchmark Study.

TOPICS
- Innovative and Creative Thinking: Recognising opportunities
- Collaboration, Co-Creation & The Crowd: Leveraging your ecosystem for innovation
- Innovation for Social Impact: Doing good while doing well
- From Intuition to Insight: Valuating desirability, feasibility and viability
- From Innovation to Impact: Creating a roadmap from opportunity to action
- Going Live! Strategies, resources and activities
- Finding Backers & Champions: Pitching for financial resources and support
- Early Wins Matter: Nothing happens without a sale
# Indicative study plan – first year

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<th>CREA1201 Cultural Industries and Enterprise (4.5 units)</th>
<th>INNO1001 Innovative and Creative Thinking: Recognizing Opportunities (4.5 units)</th>
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<td>Option:</td>
<td><strong>COMS1001</strong> Academic and Professional Communication (4.5 units) <strong>PROF1001</strong> Writing for Digital Environments (4.5 units)</td>
<td><strong>INNO1003</strong> Collaboration, Co-Creation &amp; The Crowd: Leveraging your Ecosystem for Innovation (4.5 units)</td>
<td>Option: <strong>SCME1003</strong> Essential Multimedia (4.5 units) (requires admission) <strong>SCME1001</strong> Media and Society</td>
<td><strong>TOUR1103</strong> Event Design and Practice A (4.5 units) (proposed to be renamed Introduction to Events)</td>
</tr>
<tr>
<td>-------------</td>
<td>-----------------------------------------------------</td>
<td>---------------------------------------------------------------</td>
<td>--------------------------------------------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td></td>
<td>CREA2106 Creative Arts Theory and Practice</td>
<td>BUSN2033 Marketing Communications</td>
<td>BUSN2048 Social Media Marketing</td>
<td>SCME2018 Multimedia Production 1</td>
</tr>
<tr>
<td></td>
<td>INNO2004 From Intuition to Insight: Validating Desirability, Feasibility and Viability</td>
<td>Option: BUSN1019 Law for Business Communications</td>
<td>SCME2201 Interaction Design</td>
<td>Option: Select a second year topic starting with one of the following prefixes ARCH, AUST, CREA, DRAM, ENGL, ESOL, FREN, GEOG, HIST, INDO, ITAL, LANG, LING, MGRE, PHIL, PROF, SCME, SOCI, SPAN, TOUR, WMST.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>BUSN2048 Social Media Marketing</td>
<td>SCME2202 3D Media Studio B</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Option: PROF2003 Journalism (4.5 units)</td>
<td>PROF2003 Journalism (4.5 units)</td>
<td></td>
</tr>
</tbody>
</table>
## Indicative study plan – third year

<table>
<thead>
<tr>
<th>Third Year</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CREA3121</strong> Creative Enterprise placement</td>
</tr>
<tr>
<td><strong>CREA3122</strong> Cultural Leadership</td>
</tr>
</tbody>
</table>
Bachelor of Creative Arts (Enterprise) Upper level

• At second and third year, students get to mix the core creative enterprise topics (Creative Arts and Innovation) with a choice of concentration on Business, Communications or Digital Media.

• And fit in some option topics in tourism, sociology, public policy, philosophy and the specialisations not taken to build a wide set of skills and capacities.

• And most importantly students undertake a Creative Arts Placement that connects students to our industry partners for work experience.
Media reports

- “On future employability in the creative arts” 
  Arts Hub, 23 May 2019
- “Shake up of Creative Arts leads to good things” 
  Arts Hub, August 2018
What the students have been doing this year

• **Listen to an exclusive interview with Kirrily Snape and Sarah Peters.**
Connected to research

WHAT MATTERS?
TALKING VALUE IN AUSTRALIAN CULTURE

JULIAN MEYRICK, ROBERT PHIDDIAN AND TULLY BARNETT

LABORATORY ADELAIDE
THE VALUE OF CULTURE
STUDY A BACHELOR OF
CREATIVE ARTS (ENTERPRISE)

Study Creative Arts (Enterprise) at Flinders
<table>
<thead>
<tr>
<th>Name</th>
<th>Bachelor of Creative Arts (Enterprise)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SATAC code</td>
<td>224121</td>
</tr>
<tr>
<td>Length</td>
<td>3 years</td>
</tr>
<tr>
<td>Indicative ATAR</td>
<td>70</td>
</tr>
<tr>
<td>Guaranteed Entry ATAR</td>
<td>80</td>
</tr>
<tr>
<td>TAFElink</td>
<td>Certificate IV</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>NA</td>
</tr>
<tr>
<td>Career opportunities</td>
<td>The skills developed in this degree support initiatives in the creative arts and cultural industries such as in advertising, design, film, music, publishing, multimedia, performing arts, visual and applied arts, museums and festivals.</td>
</tr>
</tbody>
</table>
Bachelor of Arts
Associate Professor Giselle Bastin
The Bachelor of Arts
The World’s Oldest Degree = The Future of Work

Enterpise Skills in the Future Jobs Market
- Strategic Thinking
- Organisation Skills
- Multi-tasking
- Team Management
- Listening
- Creativity
- Bilingual
- Digital Literacy

Exponential growth in demand

Jobs of the future demand enterprise skills 70% more than jobs of the past

Community & Personal Service

Manager

Organisational behaviour
2022 Skills Outlook

Growing

1. Analytical thinking and innovation
2. Active learning and learning strategies
3. Creativity, originality and initiative
4. Technology design and programming
5. Critical thinking and analysis
6. Complex problem-solving
7. Leadership and social influence
8. Emotional intelligence
9. Reasoning, problem-solving and ideation
10. Systems analysis and evaluation

Declining

1. Manual dexterity, endurance and precision
2. Memory, verbal, auditory and spatial abilities
3. Management of financial, material resources
4. Technology installation and maintenance
5. Reading, writing, math and active listening
6. Management of personnel
7. Quality control and safety awareness
8. Coordination and time management
9. Visual, auditory and speech abilities
10. Technology use, monitoring and control

Law & Society, Psychology, History, Languages, Visual Arts, Drama, English, Innovation & Enterprise, International Relations, Australian Studies, Geography & Environment, Theology, Archaeology, Linguistics, Screen & Media, Politics, Criminology ...

Growing

1. Analytical thinking and innovation
2. Active learning and learning strategies
3. Creativity, originality and initiative
4. Critical thinking and analysis
5. Complex problem-solving
6. Leadership and social influence
7. Emotional intelligence
8. Reasoning, problem-solving and ideation

Law & Society, Psychology, History, Languages, Visual Arts, Drama, English, Innovation & Enterprise, International Relations, Australian Studies, Geography & Environment, Theology, Archaeology, Linguistics, Screen & Media, Politics, Criminology ...
THE FLINDERS BA

COMBINE A BA WITH THE FOLLOWING:
• Bachelor of Laws & Legal Practice
• Bachelor of Behavioural Sciences (Psychology)
• Bachelor of Business
• Bachelor of Commerce (Accounting/Finance)
• Bachelor of International Relations
• Bachelor of International Tourism

DO A BA AS A DOUBLE DEGREE WITH THE B.ED:
B.Ed (Early Childhood)
B.Ed (Primary R—7)
B.Ed (Secondary)

MINORS
• Indigenous Studies
• Information Technology

• Mathematics
• Sciences

PATHWAYS

ATAR 60
One-year pathway to double degree four-year teaching qualification

ATAR 60
Three-year Bachelor of Arts plus two-year Master of Teaching

Note: a competitive GPA is required to transfer to the Initial Teacher qualification
Have you got students who have achieved high grades and just *know* that their hearts are telling them to pursue Humanities, Social Sciences and Arts topics?

- **2018 selection rank**: 92.10
- **Guaranteed selection rank**: 90.00
- **Adjustment factors available**: Yes
- **SATAAC code**: 224561
- **Delivery mode**
  - On campus: – Bedford Park
  - **Online**: NA
- **Duration**
  - 3 years full-time (or part-time equivalent)
- **Deferrable**: Yes
BA Enhanced Program for High Achievers

- Small cohort university experience
- Academic one-on-one mentoring
- Bespoke core topics designed to accelerate students’ research potential and career planning
Napoleon wishes he’d done a Flinders BA
<table>
<thead>
<tr>
<th><strong>Name</strong></th>
<th>Bachelor of Arts</th>
</tr>
</thead>
<tbody>
<tr>
<td>SATAc code</td>
<td>214031</td>
</tr>
<tr>
<td>Length</td>
<td>3 years</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>Certificate IV</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>NA</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>Bachelor of Arts - Enhanced Program for High Achievers</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>--------------------------------------------------------</td>
</tr>
<tr>
<td>SATA code</td>
<td>224561</td>
</tr>
<tr>
<td>Length</td>
<td>3 years</td>
</tr>
<tr>
<td>Indicative ATAR</td>
<td>90</td>
</tr>
<tr>
<td>Guaranteed Entry ATAR</td>
<td>90</td>
</tr>
<tr>
<td>TAFElink</td>
<td>NA</td>
</tr>
<tr>
<td>Pre-requisites</td>
<td>NA</td>
</tr>
</tbody>
</table>
Lunch

Please pick up your pre-ordered lunch pack, alphabetised by surname

Optional tour of the new Student Hub and Plaza. Return by 1:10pm
Welcome back

• Workshop 1 | Outdoor Education
• Workshop 2 | Marine Biology
• Workshop 3 | Law
• Workshop 4 | Business
Workshops wrap-up
University updates
* Publicly funded Universities
Flinders first preferences for school leavers has grown by 64% since 2009.

Source: Final SATAC Applications 2009-2019 semester one admission periods
Share of school leavers' first preferences

2009
- 83.4% SA Universities
- 16.6% Flinders

2019
- 72.3% SA Universities
- 27.7% Flinders

Source: Final SATAC Applications 2009-2019 semester one admission periods
New courses introduced in 2019 had 313 first preferences
New member of staff | Kirstie
Change of Name

- 234552 Bachelor of Exercise Science combined degrees (with Human Nutrition) is replacing the B Human Nutrition combined degree (with Exercise Science)

Not offered in 2020

214361 Bachelor of Theology
214365 Bachelor of Theology (External)
234601 Bachelor of Public Administration
224991 Bachelor of International Relations
Business and Commerce suite*

* 234201 B Commerce will continue in 2020
Bachelor of Clinical Sciences, Doctor of Medicine

- SATAC code: 214941
- Anticipated ATAR | Minimum 95, UCAT
- Guaranteed Entry ATAR | NA
Benefits of UCAT:
- 2-hour computer based test.
- Score available sooner.
- More flexibility to sit the test.
- Research shows that the test is a reliable and valid predictor of performance at Medical School.
• You must be in Year 12 or above to be eligible for UCAT
• UCAT can only be sat once a year (but can be resat the following year for future university entry)
• Register online by 17 May
• Sitting dates between 1 July - 31 July 2019 at a Pearson VUE test centre
• Test fee: $298 (concession $198)
• FREE preparation materials available on UCAT website
• Assesses a range of abilities identified by universities as important to practicing in the fields of medicine / dentistry / clinical sciences.
Format

- Multiple choice
- Not a test of academic ability, but rather response to stimulus (often unfamiliar)
- 5 sections:

  **Verbal Reasoning** - Assesses the ability to critically evaluate information presented in a written form.

  **Decision Making** - Assesses the ability to make sound decisions and judgements using complex information.

  **Quantitative Reasoning** - Assesses the ability to critically evaluate information presented in a numerical form.

  **Abstract Reasoning** - Assesses the use of convergent and divergent thinking to infer relationships from information.

  **Situational Judgement** * - Measures the capacity to understand real world situations and to identify critical factors and appropriate behaviour in dealing with them.

* Not used for applications to Flinders course.
NT sub-quota

214352 - Bachelor of Speech Pathology
214381 - Bachelor of Nutrition and Dietetics
234551 - Bachelor of Exercise Science
234571 - Bachelor of Exercise Science/Master of Clinical Exercise Physiology
234841 - Bachelor of Human Nutrition
234881 - Bachelor of Human Nutrition combined degrees
Indigenous subquota

214941 - Bachelor of Clinical Sciences/Doctor of Medicine
214931 - Bachelor of Medical Science (Vision Science)/Master of Optometry

• Indigenous applicants are actively identified for offers in other programs through the IAS or via the main offer rounds.
Pathways

uniTEST
School’s Recommendation Program

UniLeap
Foundation Studies Program

Pathway Courses
uniTEST

- Aptitude test
- Chance to improve selection rank at Flinders
- Test held at your school (online). Some sessions held at Flinders.
- Applies to the majority of Flinders undergraduate courses.
- 225 offers in 2018
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
• 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
UniLeap

- Flinders will contact students who have a Flinders preference about UniLeap option
- A fast track preparation program
- Students will be graded, and use their score from the program to apply for a range of courses
- Free
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)
Services For Schools

- Year 10, 11, & 12
- Parent Nights
- 1-1 advice sessions
- Research Project
- Subject specific
Flinders University

Open Days
FRI 16 & SAT 17 AUGUST
See for yourself
Flinders.Edu.Au/OpenDays
Prospective Students Team

Jarrad          Laura          Chelsea          Kirstie          Nikki          Nicole

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

08 8201 5322
schools@flinders.edu.au

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@flindersuniversity

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flindersuniversity
Thank you for attending

• Optional Flinders Living tour