



Charles Sturt  
University

# Welcome to the Career Adviser Seminar series



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# Environmental science and management

# Undergraduate courses



Course	Career opportunities	Online/on campus	Campus	Duration (years)	ATAR
<b>Bachelor of Environmental Science and Management (with Specialisations)</b>	<ul style="list-style-type: none"><li>•Biodiversity officer</li><li>•Catchment manager</li><li>•Conservation manager</li><li>•Environmental planner</li><li>•Sustainability officer</li></ul>	OC/OL	Albury Port Macquarie	3F, 6P	60
<b>Bachelor of Geospatial Science</b>	<ul style="list-style-type: none"><li>•Agricultural management</li><li>•Catchment management</li><li>•Disaster and emergency management</li><li>•Urban planning</li></ul>	OL	Albury	3F, 6P	70
<b>Bachelor of Applied Science (Outdoor Recreation and Ecotourism)</b>	<ul style="list-style-type: none"><li>•Ecotourism guide</li><li>•Ecotourism instructor</li><li>•Outdoor recreation officer</li><li>•Tourism officer</li></ul>	OC/OL	Albury	3F, 6P	60

# Why study environmental science at Charles Sturt?



- Our grads get jobs! 83% of environmental studies graduates find full time employment within four months of graduating.
- Ranked as 'above the world standard' in environmental science and management by the Commonwealth Government.
- Taught by academics who are 'above world standard' in research.
- Top five schools of its kind in Australia.
- Our Albury and Port Macquarie (PM) campuses have access to protected areas, rivers, lakes, hiking and mountain bike trails, caves and cliffs. Albury has a local alpine area while PM is home to coastal and marine environments.
- Local and International study opportunities are available.





# Australia's first certified carbon neutral university



Charles Sturt  
is in the world's  
top 10% of  
universities for  
climate action\*

\*Times Higher Education Impact Rankings 2021

# Course overview



- Flexible, blended learning that combines online and face to face.
- Three year degree (with three intakes per year).
- Work practice built into every year.
- Created in collaboration with industry partners (to make sure you have the skills employers want).
- Exposure to the broad professional area of environmental science in your first year and select your major in the second year.
- The option of different outcome points i.e. Diploma of Environmental Studies (8 subjects), Associate Degree in Environmental Science (16 subjects).

# Five specialisations

- Applied Earth Science
- Aquatic Ecosystems
- Climate and Sustainability
- Ecology and Conservation
- Parks, Recreation and Heritage





# Careers in environmental science



Strong work force demand with 25,000 new jobs predicted between 2018 and 2023.

- Park rangers
- Aboriginal heritage officers
- Heritage consultants
- Environmental educators / consultants
- Sustainability officers
- Field ecologists
- GIS officers
- Open space planners
- Adventure tour instructors
- Fisheries officers
- Threatened species officers
- Natural resource managers
- Ecotourism guides



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# Health and medical sciences

New courses

# Undergraduate courses



Course	Career opportunities	Online/on campus	Campus	Duration (years)	Entry
<b>Bachelor of Medical Laboratory Science (Pathology)</b>  224 point course offered using 6 x 8 week micro sessions to enable 3 or 6 year completion time	<ul style="list-style-type: none"> <li>• Pathology laboratory as a qualified medical scientist</li> <li>• Research</li> </ul>	OC/OL	Wagga Wagga	3F, 6P	ATAR - 65  Tertiary entry pathway eg Diploma of General Studies  CSU Advantage
<b>Bachelor of Health and Medical Science</b>  192 point course offered using standard 16 week session1 and 2 to complete in 3 or 6 years	<ul style="list-style-type: none"> <li>• Supports a career in the healthcare industry</li> <li>• A research career in health and human science</li> <li>• Pathway to other health degrees, e.g. medicine, dentistry, pharmacy, nutrition, allied health</li> </ul>	OC/OL	Orange Wagga Wagga	3F, 6P	Other university subjects x 2  TAFE Certificate III or higher

# Bachelor Medical Laboratory Science (Pathology)



- New course for 2021
- Start study in January – single intake
- Micro-sessions (6 x 8-week blocks) to enable a student to complete a 3.5-year full time degree in 3 years (or 6 instead of 7 if part-time study).
- Flexible delivery either on campus or online.
- Offered on campus at Wagga Wagga or online with residential schools at Wagga Wagga.
- Qualifies you for accreditation as a medical scientist with the Australian Institute of Medical Scientists (AIMS). Students from AIMS accredited universities recognised in the UK.

# What does the new degree look like?



Full-time Progression	Part time progression	Microsession 1 - 12 Begins 2 <sup>nd</sup> week Jan	Microsession 2- 32	Microsession 3 -42 <i>Lab Practicals at Wagga Wagga Campus</i>	Microsession 4 - 52	Microsession 5 - 72	Microsession 6 - 82 – ends 2nd week Dec
<b>Year 1</b>  Each microsession is of 8 weeks duration.	<b>Year 1</b>	<b>BMS132</b> Medical Science Comm and Methods (8 pts)	<b>BMS133</b> Anatomy and Physiology 1 (6 pts)	<b>BMS135</b> Medical science practical 1 (4 pts)	<b>CHM110</b> Chemistry (8pts)	<b>CHM111</b> Math, Stats, Physics, Advanced Chem (8 pts)	Catch up if needed
	<b>Year 2</b>	<b>BMS141</b> Microbiology 1 (6 pts)	<b>IKC100</b> Indigenous Australian Health (8 pts)	<b>BMS136</b> Medical science practical 2 (4 pts) <b>BMS139</b> Pathology Specimen Collection (4 pts)	<b>BMS134</b> Anatomy and Physiology 2 (6 pts)	<b>BMS143</b> Molecular Cell biology 1 (8 pts)	Catch up if needed
<b>Year 2</b>	<b>Year 3</b>	<b>BMS245</b> Molecular Cell biology 2 (8 pts)	<b>BMS258</b> Histopathology 1 (6 pts)	<b>BMS259</b> Practical histopathology (4 pts) <b>BMS248</b> Practical separation methods (4 pts)	<b>BMS247</b> Human biochemistry (6 pts)	<b>BMS260</b> Histopathology 2 (6 pts)	Catch up if needed
	<b>Year 4</b>	<b>BMS261</b> Clinical Biochemistry 1 (6 pts)	<b>BMS251</b> Haematology 1 (6 pts)	<b>BMS262</b> Practical Clinical Biochemistry (4 pts). <b>BMS252</b> Practical Haematology 1 (2 pts)	<b>BMS246</b> Human genetics (8 pts)	<b>BMS363</b> Clinical Biochemistry 2 (6 pts)	Catch up or <b>BMS265</b> Integrated Clinical Placement for Medical Science 1
<b>Year 3</b>	<b>Year 5</b>	<b>BMS358</b> Microbiology 2 (6 pts)	<b>BMS365</b> Transfusion Science (6 pts)	<b>BMS357</b> Practical immunology and immunohematology (4 pts) <b>BMS362</b> Practical Molecular Methods (2 pts)	<b>BMS355</b> Immunology (6 pts) <b>BMS366</b> Med Lab Management (4 pts)	<b>BMS364</b> Pathophysiology* (6 pts)	Catch up or <b>BMS365</b> Integrated Clinical Placement for Medical Science 2
	<b>Year 6</b>	<b>BMS353</b> Haematology 2 (6 points)	<b>BMS360</b> Microbiology 3 (6 pts)	<b>BMS359</b> Practical Microbiology (4 points) <b>BMS354</b> Practical Haematology 2 (2 pts)	<b>BMS361</b> Molecular pathology (6 pts)	<b>BMS423</b> Industry case-based learning (8 pts)	Catch up or <b>BMS424</b> Integrated Clinical Placement for Medical Science 3

Workplace learning totals 16 weeks



# Career opportunities

Medical scientists work in many areas.

- Microbiology
- Haematology
- Immunology
- Clinical biochemistry
- Histology
- Genetics
- Molecular diagnostics



# Bachelor of Health and Medical Science



## Why choose this degree

- A health career supported by science or perhaps already working in a health area and wish to upskill
- A research career in health

## Pathway to...

- Designed for anyone who isn't sure which health career they wish to aim for, or need a pathway degree to a medicine, pharmacy or dentistry, or are looking for a broad based degree to support a career in health or health research
- 3 years full-time – year 1 offered at Orange campus if choosing on campus study; or online with residential schools at Wagga Wagga.
- Flexible delivery: on campus or online, part-time or full-time or a mix of options to fit your life.

# What does the new degree look like?



30 Autumn F/T	60 Spring F/T
<b>BMS105</b> Science Communication and Methodology	<b>BMS130</b> Physiological Sciences 2
<b>BMS129</b> Physiological Sciences 1	<b>CHM107</b> Chemistry 1B
<b>CHM104</b> Chemistry 1A	<b>MCR101</b> Introduction to Microbiology
<b>IKC100</b> Indigenous Health	<b>BMS142</b> Introduction to Case Based Studies
<b>BCM210</b> Foundations of Biochemistry (Orange <b>BMS211</b> on campus)	<b>BMS208</b> Human nutrition or Restricted elective <b>BMS241</b> Molecular Cell Biology
<b>BMS240</b> Human Molecular Genetics	Restricted elective
Restricted elective	<b>PSY214</b> Health Psychology
<b>HIP202</b> EBP and Research	Restricted elective
<b>BMS308</b> Immunology (8)	<b>BMS301</b> Medical Science Special Topic
Restricted elective	Restricted elective
Restricted elective	Restricted elective
Restricted elective	Restricted elective or BMS208 if not previously completed

Elective subjects include those from nutrition, clinical chemistry, pathophysiology, microbiology, bacteriology, human reproduction and law and ethics so that you can build the degree to suit your interests and future career.



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# Doctor of Medicine

Orange campus

# Course highlights

- Learn specialised skills from the start with clinical learnings from the first weeks of study.
- Clinical placements form the majority of years 3–5
- State-of-the-art facilities including anatomy labs, simulation hospital wards, ultrasound room.
- Strong industry connections with local health services.
- Graduates will be eligible for provisional registration by the Medical Board  
(Australian Health Practitioner Regulation Agency - AHPRA).





# Course structure and delivery



## Years 1–2

- Clinical sciences (problem based learning)
- Lectures and practicals
- On-campus at Orange plus early clinical exposure

## Years 3–5

- Applied clinical sciences + several medical themes – clinical learning in local hospitals and community settings. The majority of years 3–5 is in clinical placement.

## Course requirements

- Qualification for the award requires completion of 320 credit points with one “subject” per year of 64 credit points (5 year-long subjects)
- All subjects are core and compulsory

# How to apply (application steps)



- Register for and successfully sit UCAT ANZ in the year you apply.
- Apply through UAC for the Doctor of Medicine, UAC code 725505 (select - Orange campus).
- Applications open 1 August and close 30 September (no extensions)

If invited to interview:

- Complete the Medical Admission Questionnaire (MAQ).
- Attend a Multi-Station Mini Interview.
- Meet the ATAR requirement (91.5 REAS and 95.5 non-rural).

# Rural entry admission scheme

Strong commitment to providing access to medical education for rural and regional students:

- 91.5 ATAR for rural students.
- Check rural postcode eligibility through **DoctorConnect** website - use the Health Workforce Locator.
- Use your residential address – not school address.
- RA2-5 within Australian Statistical Geography standard remoteness area (ASGS-RA 2016).
- 5 years consecutive or 10 years cumulative.
- Community member confirmation form to be completed at point of UAC application lodgement.



# Other pathways

## First Nations applicants

Apply through UAC then separate process involving:

1. Confirmation documentation.
2. Panel interview.

## Charles Sturt Pathway

- A minimum of **six interview places** will be guaranteed for **rural origin students currently studying a Charles Sturt University course**
- Must sit UCAT ANZ in the year they apply for medicine.
- Selection for interview is based on UCAT ANZ results.



# Preparing to study medicine

- No pre-requisites
- Mathematics, chemistry, physics, biology and English can be an advantage
- Try to gain an understanding of current issues in rural health – start by talking to doctors who work in regional and rural areas
- Prepare for and sit the Universities Clinical Aptitude test (UCAT ANZ)







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# Business at Charles Sturt

Interested in a diverse business career?

Charles Sturt offers your students many options worth considering

# Bachelor of Business

- New course in 2021, created in collaboration with industry partners
- Hands-on experience within the industry of your choice
- Foundation year
- Transferrable skills
- Condensed timetable
- A qualification at every step
  - Diploma of Business (1 year)
  - Associate Degree in Business (2 years)
  - Bachelor of Business (with specialisation) (3 years)



# Bachelor of Business



- ATAR 60.0
- Flexible blended or online learning modes
- On campus – Albury-Wodonga, Bathurst and Wagga Wagga

Choose from five specialisations:

- Finance (accredited by FASEA)
- Human Resource Management (accredited by AHRI)
- Management and Leadership
- Marketing
- Strategic Planning

# What does the foundation year in new degree look like?

## Core Subjects

ACC127 Accounting and Financial Literacy

BUS114 Contemporary Employability and Learning (and one Restricted Elective)

BUS223 Work Placement 1 (and one Restricted Elective)

BUS385 Work Placement 2 (and one Restricted Elective)

ECO130 Business Economics

HRM210 Human Resource Management

IKC101 Indigenous Australian Cultures, Histories and Contemporary Realities

LAW110 Business Law

MGT100 Organisations and Management

MKT110 Marketing Fundamentals

QBM100 Data Analytics for Business

Restricted elective subjects include communication, technology, resilience, problem solving and critical thinking, emotional intelligence, and design thinking.



# Bachelor of Business Studies

- Design your own business degree from a wide range of business and non-business subjects
- A qualification at every step
  - Diploma of Business (1 year)
  - Associate Degree in Business (2 years)
  - Bachelor of Business Studies (3 years)
- Hands-on experience within the industry of your choice
- ATAR 55.0
- Flexible online or on-campus learning modes
- On campus – Albury-Wodonga, Bathurst, Port Macquarie and Wagga Wagga





# Interested in a Bachelor of Accounting?

- Hands-on experience for job-ready graduates
- Fully accredited with CPA and CAANZ
- Above average regional employment
- Joint study options
- Duration 3 years (FT)
- ATAR 60.0
- Flexible online and on-campus learning modes
- On campus – Albury-Wodonga, Bathurst, Port Macquarie and Wagga Wagga

Charles Sturt University



# Business

## Career areas

- Accounting
- Finance
- Human resource management
- Management and leadership
- Marketing
- Project management
- Strategic planning





# Business



#1

in Australia  
for business grads  
who get jobs\*



Numbers don't lie.  
91% of business grads from  
Charles Sturt get a job within  
4 months of finishing.

\*Good Universities Guide  
2019/20





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# Information technology and computer science

Be at the forefront of innovation and transformation

# Why study Information Technology?

- New degree in 2021, created in collaboration with industry partners
- A qualification at every step
  - - Diploma of Computing (1 year)
  - - Associate Degree in Computing (2 years)
  - - Bachelor of Information Technology (3 years)
- Build your industry experience while you study your degree
- Foundation year
- Transferable skills



# Bachelor of Information Technology



- Flexible blended or online learning modes
- Condensed timetable
- ATAR 60.0
- On campus – Bathurst and Port Macquarie

Choose from four specialisations:

- Cyber Security
- Network Engineering
- Software and Application Development
- Web Development



# What are the foundation subjects in the new degree?



## Core subjects

IKC101 Indigenous Australian Cultures, Histories and Contemporary Realities

ITC105 Communication and Information Management

ITC106 Programming Principles

ITC114 Introduction to Database Systems

ITC161 Computer Systems

ITC211 Systems Analysis

ITC212 Internet Technologies

ITC218 ICT Project Management

ITC290 Personal Portfolio (2-Points, year long)

ITC295 Personal Portfolio 2 (2-Points, year long)

ITC331 Ethics and Professional Practice

ITC396 IT Work Placement (6-Points)\*

EMP100 Building Resilience for Workplace (2-Points)

EMP101 Building Emotional Intelligence (2-Points)

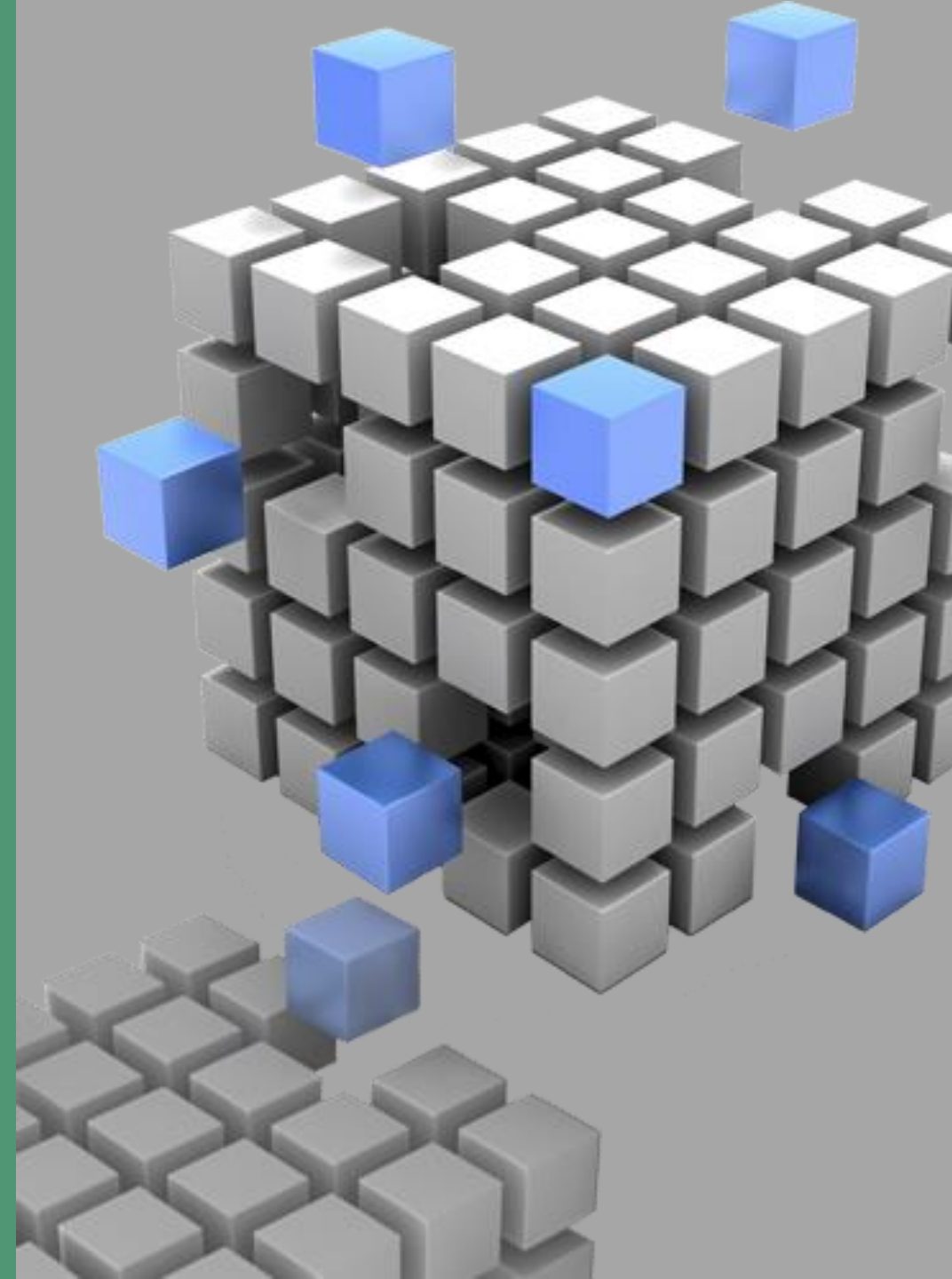
# Why study computer science?

- Hands-on software development
- 3 years full-time
- ATAR 60.0
- Flexible online study
- On campus – Bathurst
- Specialise in game design, cloud computing or mobile application development



# Difference between IT and computer science

- **Information technology** careers are more about installing, maintaining, and improving computer systems, operating networks, and databases
- **Computer science** is more about programming and software development. This requires a lot of mathematics, theory and creativity





# Information technology, computing and mathematics

## Career areas

- Computer science
- Cyber security
- Information technology
- Science
- Software and application design
- Web development



# Information Technology, Computing and Mathematics

**#1**

**in Australia**  
for computing  
graduate salaries\*



**Computer says yes.**

Study computing at the uni  
where grads earn an  
average of \$76,700  
after graduating.

\*Source: Universities Australia, 2024/25







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# Bachelor of Arts

Careers Advisers Seminar 2021





# What's different about our new Bachelor of Arts?

- Unique combination of passion and professional application
- Innovative course design co-created with industry and community partners to enhance work readiness and professional outcomes
- Flexible study options – online and on campus
- Flexible graduation outcomes:
  - 1<sup>st</sup> year – Diploma of Arts
  - 2<sup>nd</sup> year – Associate Degree in Arts
  - 3<sup>rd</sup> year – Bachelor of Arts
- Work integrated learning is embedded in each year of the course.

# Transferable skills

Select from a suite of valuable transferable skills subjects to enhance your employability.

- Building resilience for the workplace
- Building emotional Intelligence
- Collaboration for success
- Workplace communication
- Design thinking and creativity
- Technology for the connected workplace
- Project management essentials
- Financial literacy
- Data analysis and insights
- Solving problems with critical thinking

## Capstone subjects

HSS303 WIL 3: The Think Well  
HSS302 Capstone Subject:  
Your Discipline, Your Region and  
the World



# Foundation Year

Our common first year incorporates foundational humanities subjects (below) and a custom-designed subject (HSS100) that prompts you to think deeply about the course and your own personal and professional goals for the course.

## Humanities Foundation Subjects

LIT111	Texts and Meaning	POL110	Australian History and Politics
HST101	The Short Twentieth Century	IKC101	Indigenous Australian Cultures
PHL101	Introduction to Philosophy and Ethics	COM120	Reasoning and Writing
SOC101	Understanding the Social World		





# Second and third year

Mix and match your specialisation and minor study area to suit your personal/professional goals and areas of interest.

- English
- Environmental Studies
- History
- Human Services
- Humanities Pathway to Teaching
- Justice Studies
- Management and Marketing
- Philosophy and Ethics
- Psychology
- Sociology
- Writing and Publishing





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# Bachelor of Communication

Careers Advisers Seminar 2021

# Communication at Charles Sturt





# Charles Sturt boasts an amazing network of Communications alumni



# What's different about our new Bachelor of Communication?

We will teach students to harness their curiosity, creativity, and critical thinking to bring about the change in the world they want to see. Students will work in a collaborative and innovative environment with our lecturers, industry partners and amazing alumni.



# Industry immersion

- The only communication degree co-designed and co-delivered with alumni and industry partners.
- Work integrated learning is embedded in each year of the course.
- Mentoring of students by peers, academics, industry partners and Charles Sturt communication alumni.





# Delivered differently

- World class course content developed with industry experts and Charles Sturt alumni, including lecture content delivered by podcast and dynamic hands-on workshops.
- Customisable micro-credentials offered to students that build to a university certificate.
- Choice in course duration – students can choose from a 3-year course or a 2.5 year accelerated course option.



# Greater flexibility

- Available online and on-campus in Bathurst
- Condensed two-day timetable (Monday and Tuesday) to enable students to better juggle study, work and life commitments.
- An exit point upon the completion of the first session of study and each year of the degree:
  - 1<sup>st</sup> Session: University Certificate
  - 1<sup>st</sup> year: Diploma
  - 2<sup>nd</sup> year: Associate degree
  - 3<sup>rd</sup> year: Bachelor



# 2022 Bachelor of Communication



Specialisations include:

- **Strategic Communication:** Advertising, Public Relations, Event management, Project Management, Media and Data, Design and content creation, Entrepreneurship, Digital and social media
- **Content creation:** Design, Editing, Producing, Project management, Media and Data, Video production, Digital and social media
- **News and Media:** Journalism, Content creation, Persuasive communication, Data and analytics, Digital and social media





*I always dreamed of being a journalist and the journalism course at Charles Sturt University had the best reputation in the news business.*

Natarsha Belling – Charles Sturt University graduate

# Questions

