

UNDERGRADUATE GUIDE

HEALTH & HUMAN SCIENCES 2016



BIOMEDICAL SCIENCE
CLINICAL SCIENCES

PSYCHOLOGICAL SCIENCE
SPORT & EXERCISE SCIENCE

DOUBLE DEGREE
SPORT/LAW



It's all about U

scu.edu.au/healthscience

CRICOS Provider: 01241G



SCHOOL OF HEALTH & HUMAN SCIENCES

The School of Health and Human Sciences produces capable and creative health practitioners and researchers, prepared for work in Australia's growing health and human sciences sector.

The School works with professional associations to design and deliver innovative courses that are industry-relevant, with appropriate accreditation. Emphasis is placed on professional experience and clinical placements are an integral part of the curriculum, giving students the opportunity to gain experience working in clinical teams in multi-disciplinary settings.

Students access specialty laboratories and advanced facilities for practical training. The University also operates the SCU Health Clinic at the Lismore and Gold Coast campuses, providing health services to students, staff and the general public as well as a facility for students to undertake clinical practice under the supervision of qualified practitioners.

Studying at SCU

Studying at Southern Cross University involves a range of learning experiences. It can vary based on your course of study, your location and your mode of study.

You may take part in face-to-face lectures, workshops and tutorials, interactive video-conferenced lectures, podcasts, online units and discussion forums using cutting-edge technologies. You can bring your own device onto campus and use SCU's extensive wireless network or access study materials off-campus as long as you have an internet connection.

Why study with us?

- Degrees accredited with professional and statutory bodies.
- Hands-on experience and technical support in specialist health laboratories and simulated wards.
- Supervised practical placements in clinical settings and professional workplaces.
- Inter-professional learning and practice.
- Access to mobile learning and accommodation facilities to support workplace training.

Degrees which put you in the workplace

Students in the new **biomedical science** degree will complete approximately 1 000 hours of professional placement in various settings.

Work-based supervised learning is available to **clinical sciences** students studying osteopathy.

Sport and exercise science students undertake an internship under professional supervision in settings such as health and fitness centres, sporting institutes and recreation centres.

Visit scu.edu.au/healthplacements



NEW IN 2016

BACHELOR OF BIOMEDICAL SCIENCE

The Bachelor of Biomedical Science provides a scientific understanding of the structure and function of the human body and the interrelationships between health and disease. Students will develop problem solving skills, and learn how to apply those skills to their chosen discipline. A number of electives are available to enable students to learn about their chosen fields of study from both scientific and health perspectives.

Graduates of this degree may qualify for entry into a range of graduate health professional programs including postgraduate medicine, pharmacy and physiotherapy.

Professional placement

The course structure includes professional placement for students to gain workplace experience.

Visit scu.edu.au/healthplacements

Major

Biomedical Science enables students to gain knowledge and understanding of human health and the connection between disease processes and scientific laboratory investigations.

Equipment and facilities

Specialist facilities include access to fully equipped scientific laboratories for biomedical sciences and biochemistry, and state-of-the-art facilities for human anatomy and physiology.

Visit scu.edu.au/healthlabs

Your career

Graduates will be suited to positions in: biomedical, health, university and government research; hospital, veterinary and pathology laboratories and scientific sales; quality assurance, health departments and pharmaceutical and cosmetic industries. Graduates may also pursue postgraduate studies in the medical field.

Summary

Location: Gold Coast

Duration: 3 years full-time or 6 years part-time

UAC code: GC – 335165

QTAC code: GC – 059661

Total units: 24 | **Indicative ATAR and OP:** not available for new course



BACHELOR OF CLINICAL SCIENCES

The Bachelor of Clinical Sciences has a strong clinical focus and provides students with a comprehensive grounding in biomedical science and health.

During the course, students gain the knowledge and skills required to continue their health education with a graduate course in a professional field such as osteopathy (offered by SCU).

Professional recognition

For students interested in pursuing a career in osteopathy, five years of education and training is required (three-year Bachelor of Clinical Sciences majoring in **Osteopathic Studies** and **Human Structure and Function**; and a two-year Master of Osteopathic Medicine offered by Southern Cross University). In Australia, entry level training in osteopathic medicine is accredited by the Osteopathy Board of Australia and this course pathway has full accreditation. Registration in Australia gives mobility across all states and territories and New Zealand.

Professional placement

Students will have the opportunity to undertake a supervised professional placement.

Professional placements provide students with experience in the practice of safe and effective manual therapy and the application of a wide range of treatments and management plans. Students have opportunities to work with a diverse range of patients in areas including rehabilitation, health promotion and illness prevention.

Visit scu.edu.au/healthplacements

Majors

Human Structure and Function (taught at Lismore only) extends knowledge through the study of advanced levels of anatomy and physiology, particularly the structure and function of the muscular and nervous systems.

Osteopathic Studies (only available as a double major with Human Structure and Function and taught at Lismore only) introduces students to the philosophical and biological underpinnings of the osteopathic concept of health. The major develops students' foundational skills in diagnosis and techniques that are utilised in osteopathic clinical practice.

The course can also be completed without a major, providing the option to pursue a general study program from a wide range of elective units.

Please note:

Students interested in the Human Structure and Function and Osteopathic Studies majors are advised to apply to study this course at Lismore, to commence in Session 1.

Students interested in the generic pathway can apply to study at either Lismore or Gold Coast, to commence in Session 1 or 2.

Equipment and facilities

Specialist facilities include access to fully equipped and up-to-date scientific laboratories for clinical sciences, biomechanics and biochemistry, and state-of-the-art facilities for human anatomy. Clinical practice-based learning is also undertaken at the SCU Health Clinics, located at the Lismore and Gold Coast campuses.

Visit scu.edu.au/healthlabs

Your career

This course provides a pathway into graduate entry osteopathy. It also prepares students for career directions in the health and education sectors.

Summary

Location: Gold Coast, Lismore

Duration: 3 years full-time or 6 years part-time

UAC codes: GC – 330167, L – 335115

QTAC codes: GC – 059761, L – 055111

Total units: 24 | **Indicative ATAR:** 68 | **Indicative OP:** 13

BACHELOR OF PSYCHOLOGICAL SCIENCE

The Bachelor of Psychological Science provides the first three years of full-time (or part-time equivalent) study and training required to prepare graduates for employment in a range of careers that require critical thinking and an understanding of human psychological factors. Many graduates pursue postgraduate training to become registered psychologists to provide clinical services, while others work in psychological research or other community settings. The degree focuses on providing a thorough knowledge of the theoretical basis of psychological science and prepares students to conduct an independent research project.

Upon completion of the degree, eligible students may undertake a fourth year of study by enrolling in the accredited Bachelor of Psychological Science with Honours. Completion of this fourth year of study is the minimal educational qualification to apply for conditional registration as a postgraduate intern in psychology in Australia. Applicants with an undergraduate degree in a non-psychological science may get advanced standing towards the Bachelor of Psychological Science and complete the degree in a shorter time-frame.

The course strikes a balance between research, theory and application to provide skills relevant to the public and private sectors. Indigenous material is integrated into the curriculum.

Professional recognition

The course has Australian Psychology Accreditation Council (APAC) accreditation for entrance into postgraduate training.

Major areas of study

The course aims to equip students with analytical skills in solving human, organisational and community-wide problems; competency in the design of research and interpretation of research findings; and a comprehensive understanding of statistical methods.

The structure moves from basic theory to application, with a strong emphasis on the Scientist Practitioner model. Some second and third year units involve applied skills (e.g. personal reflection, demonstrations of testing methods and other assessment techniques, methods for facilitating behaviour change) while others emphasise areas in experimental psychology, statistics and research methods.

Equipment and facilities

Psychology staff provide opportunities for students to participate in ongoing psychological research in a range of research and computer laboratories supported by a library of psychological tests.

Visit scu.edu.au/healthlabs

Your career

Graduates of this course are highly suitable for employment within various government departments, particularly those connected with health, social and disability services, youth services, corrective services, the armed services, research agencies such as the CSIRO, and in education. Private industry is also a large employer of those with psychology degrees who receive further specialised training for work in management, human resources and corporate consultancy services.

Summary

Locations: Coffs Harbour, Distance Education

Duration: 3 years full-time or 6 years part-time

UAC codes: CH – 335152

QTAC codes: CH – 055351

Total units: 24 | **Indicative ATAR:** 68 | **Indicative OP:** 13

Samantha Joplin

Registered Provisional Psychologist
Kids Research Institute, The Children's Hospital at Westmead
Bachelor of Psychology with Honours; University Medal

"Receiving the University Medal has been life changing," Samantha said. "It has distinguished me from other graduates in what is a highly competitive field, allowing me to gain entry into a selective postgraduate program and kick-start my career.

"The most attractive thing about psychology is the career versatility that comes with it. Studying psychology at Southern Cross University will prepare you to undertake work in a variety of fields. You won't be limited to clinical practice or research. You might choose instead to work in forensics, sport, health, human resources, marketing or education, to name a few.

"I was thrilled to discover how broad my employment prospects were so soon after graduating. It's wonderful to be presented with so many incredible opportunities this early in my career."

Now in Sydney, Samantha is studying a Doctorate/Masters double degree in clinical psychology. Next year, she will commence researching a memory phenomenon in children with temporal lobe epilepsy called accelerated long-term forgetting.



BACHELOR OF SPORT AND EXERCISE SCIENCE

The Bachelor of Sport and Exercise Science gives students the required knowledge, skills and attitudes to practise as professionals in the field of exercise and sports science. The degree equips graduates for diverse employment opportunities across a range of sport and health-related areas. The course enables students to focus their study through the choice of specialised majors to meet their career aspirations and areas of interest. Field experience is a feature of the course and provides the opportunity for students to apply theory and knowledge in practical industry settings. This enables students to develop a professional approach to their training and career education.

Professional recognition

The Bachelor of Sport and Exercise Science is accredited by Exercise and Sport Science Australia (ESSA) at the Exercise Science level. All graduates, regardless of the major completed, are eligible for full membership as Exercise Scientists with ESSA.

Graduates of the Bachelor of Sport and Exercise Science may undertake further postgraduate study at SCU to gain registration as an Accredited Exercise Physiologist (AEP).

All graduates are also eligible to receive the Certificate III and IV in fitness through TAFE NSW, and to apply for Exercise Professional Registration with Fitness Australia (FA). In addition graduates meet the requirements of the Level 1 Australian Strength and Conditioning Association (ASCA) coaching accreditation, making them eligible to register as Level 1 Strength and Conditioning Coaches. The course is recognised by the National Strength and Conditioning Association (NSCA) of America.

The Nutrition major is designed to meet curriculum prerequisites for entry into several accredited postgraduate programs leading to registration as an Accredited Practising Dietitian (APD). Students interested in this pathway should refer to universities offering accredited postgraduate dietetic programs regarding enrolment requisites. Graduates of the Bachelor of Sport and Exercise Science who have completed the Nutrition major may be eligible to become an Associate Nutritionist with the Nutrition Society of Australia.

Professional placement

Students complete a three-week internship of their choice during their third year studies and some students have the option of an additional internship. These placements normally occur during the breaks between teaching sessions. Field experience provides the opportunity to apply theory and knowledge in practical settings.

Placements are undertaken under professional supervision in health and fitness centres, sporting organisations or clubs, schools, academies and institutes of sport, or sport and recreation centres. The types of positions can include, but are not limited to, assisting personal trainers, health educators, strength and conditioning or sports coaches, sporting event coordinators or recreation officers. Students may also work as research assistants for sport products, manufacturing or business.

Majors

Students select one major from the following:

Education in addition to studies in exercise science, Education offers graduates a pathway to an SCU degree in secondary teaching, leading to registration as a PDHPE teacher for eligible students. (Only available at Lismore.)

Exercise Science enables students to study at a more advanced level in subject areas such as exercise physiology, sport and exercise psychology and applied biomechanics. It also covers areas such as exercise biochemistry and exercise physiology for specific populations (such as ageing people, or people with disability).

Nutrition encompasses the study of food and nutrition in the context of human health, disease processes and in society, in addition to studies in chemistry, biochemistry and exercise science.

Equipment and facilities

Students have access to fully equipped dedicated scientific laboratories for wet and dry anatomy, exercise physiology, biomechanics, biochemistry, strength and conditioning, and a multi-purpose sports hall and weight training gymnasium.

The University will provide transport for Coffs Harbour students to access wet labs at the Lismore campus for the study of anatomy.

Visit scu.edu.au/healthlabs

Your career

Exercise scientists are university-trained health and fitness professionals who specialise in providing exercise based services and work across a variety of settings. These include sports coaching, strength training and conditioning, sport development, performance testing and talent identification, personal training and gym instruction, health promotion, occupational rehabilitation and sports or recreation management.

Some graduates also choose to pursue further study at postgraduate or graduate entry level to become an allied health professional in areas such as clinical exercise physiology, physiotherapy, occupational therapy, nutrition/dietetics or to become a PDHPE teacher.

Summary

Locations: Gold Coast, Lismore, Coffs Harbour

Duration: 3 years full-time or 6 years part-time

UAC codes: GC – 338160; L – 335100; CH – 335154

QTAC codes: GC – 056181; L – 055001; CH – 055551

Total units: 24 | **Indicative ATAR:** 68 | **Indicative OP:** 13

BACHELOR OF SPORT AND EXERCISE SCIENCE, BACHELOR OF LAWS

Double degrees give students the opportunity to study two disciplines concurrently.

The Bachelor of Sport and Exercise Science, Bachelor of Laws gives students the opportunity to gain an understanding of the law as it applies to sport and exercise science.

The Bachelor of Laws (LLB) is a recognised degree for admission as a lawyer throughout Australia. Whatever their field of interest, the LLB will equip students with the intellectual, critical and practical skills needed in the professional practice of law.

The Bachelor of Sport and Exercise Science prepares students with the required knowledge, skills and attitudes to practise as professionals in the field of exercise and sports science.

Applicants who do not have the required entry mark are encouraged to apply for the single, partner degree. If those students achieve the required grade point average during that course, they may then apply for transfer into the double degree.

Professional recognition

The Bachelor of Laws fulfils the academic requirements for admission to the legal profession. Professional admission authorities also require law graduates of all universities to complete practical legal training or similar to be eligible for admission.

Students who intend to practise law outside Australia should check with the relevant country's admission body to confirm their admission requirements.

Professional placement

Law students can undertake voluntary legal experience and professional placement with legal firms or offices, to complement their practical legal skills and become familiar with the issues facing working lawyers.

Major areas of study

There are no majors in this double degree, however, a diverse range of law-based elective units are available.

Your career

Graduates can pursue career opportunities that combine knowledge of health, sport, fitness or leisure industries and law; and those specific to each discipline. For health, sport, fitness or leisure industries: sport administration, sport facility management, health and fitness centre management, health promotion. For law: as barristers or solicitors; or in law-related areas in private, corporate, or government organisations.

Summary

Locations: Gold Coast, Lismore

Duration: 5 years full-time or 10 years part-time

UAC code: GC – 336163, L – 336106

QTAC code: GC – 056861, L – 056081

Total units: 40 | **Indicative ATAR:** 89 | **Indicative OP:** 6

Students studying a double degree with law must complete a compulsory on-campus workshop. For more details on the workshop program go to: scu.edu.au/lawworkshops

Thomas Patterson

Exercise Physiologist

BJC Health

Bachelor of Human Movement Science

Now available as Bachelor of Sport and Exercise Science

Thomas Patterson, who grew up in Tamworth, embraced Southern Cross University's Lismore campus because of its regional location.

"I knew a lot of people would be in the same boat as me, moving to Lismore from out of town. When I started my degree, everyone came from different areas of Australia and that made it a lot easier to settle in, get into study and to form friendships without feeling lost. I don't think you'd get that connection at a city university," he said.

Thomas's career as an exercise physiologist began at the Lismore office of Konekt, a workplace health solutions specialist centre. He started as an intern, fulfilling the practical requirements of his degree.

Thomas now works in an interdisciplinary health team at an arthritis specialist care centre, BJC Health in Sydney.

"I work with people who have rheumatoid arthritis, osteoarthritis and other forms of arthritis, and people who are recovering from injuries. I design exercise plans to improve their mobility and then strengthening exercise plans as their mobility improves. I also discuss lifestyle changes to improve their overall health, such as weight loss."



Key dates for 2016 entry

SCU has a teaching calendar of three sessions. Depending on the course of study, this can enable students to spread their study load, or to accelerate and complete their degree in less time than the usual duration indicated on the course pages.

All dates in the table opposite are provisional only and may be subject to change. For the most up-to-date information visit the SCU teaching calendar page at: scu.edu.au/teachingcalendar

UAC and QTAC dates may also be subject to change. Please refer to their websites. Visit: www.uac.edu.au
www.qtac.edu.au

Also note that late UAC and QTAC applications incur an extra fee.

CAMPUS TOURS AVAILABLE ALL YEAR ROUND T: 1800 626 481 E: campustours@scu.edu.au

Rising Stars Scholarship applications for 2016	Open July 2015 Check website for closing dates scu.edu.au/scholarships
UAC and QTAC on time applications for 2016 entry (Session 1)	Open early August 2015 Close late September 2015
STAR Entry Scheme opens	Early July 2015
STAR Entry Scheme offers	Early December 2015
SCU Info Days	7, 9 and 11 December 2015
UAC and QTAC main round offers <i>For the full list of offer rounds visit the UAC and QTAC websites</i>	Mid January 2016
Session 1 teaching dates	29 February – 27 May 2016
Orientation	24 – 26 February 2016
Session 2 teaching dates	11 July – 7 October 2016
Orientation	6 – 8 July 2016
Session 3 teaching dates	7 November 2016 – 1 February 2017
Orientation	2 – 4 November 2016

Applying to study on campus

For full details go to: scu.edu.au/howtoapply

To study on campus, either as a full-time or part-time student, you will need to apply online through either the Universities Admission Centre (UAC) or Queensland Tertiary Admissions Centre (QTAC) – either can process your application.

Applying to study by distance education

To study by distance education, you can apply online direct to Southern Cross University.

scu.edu.au/howtoapply

E: futurestudent@scu.edu.au

Freecall: 1800 626 481

International students

Southern Cross University welcomes international students. This guide however is not intended for their use. International students should contact SCU International.

W: scu.edu.au/international

intoff@scu.edu.au

T: 02 6620 3876

5 steps to SCU

1 Choose a course



scu.edu.au/courses

2 Find out more



campustours@scu.edu.au

3 Apply



scu.edu.au/howtoapply

4 Accept your offer



scu.edu.au/gettingstarted

5 Enrol in units



scu.edu.au/enrol

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