



UniSA

Medical and Health Sciences

- Dietetics
- Health Science
- Human Movement
- Laboratory Medicine
- Medical Radiation
- Medical Science
- Midwifery
- Nursing
- Nutrition and Food Sciences
- Occupational Therapy
- Pharmaceutical Science
- Pharmacy
- Physiotherapy
- Podiatry

2012

Why study Medical and Health Sciences at UniSA?

- » UniSA offers a wide range of allied health and medical science programs located conveniently on one campus;
- » Students study alongside like-minded peers, many of whom will work collaboratively together in the future;
- » UniSA's health programs include exciting, experiential opportunities within industry, and dedicated campus facilities. Opportunities exist for international study tours in some programs;
- » A strong emphasis on practise-based learning allows students to be industry-ready when graduating, greatly increasing their chances of employment;
- » UniSA's City East campus is centrally located, with close proximity to major health and research centres.

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The recent Excellence in Research Australia (ERA) awards recognised UniSA's **Division of Health Sciences** with world-class rankings for leading research in the areas of Medical and Health Sciences, Nursing, Nutrition and Dietetics, Pharmacology and Pharmaceutical Sciences, Medical Physiology and Public Health and Health Services.

Welcome



The University of South Australia is a university of first choice for career-focused achievers. We provide the widest range of degree programs in South Australia and have a reputation for excellence in our four faculty divisions. At the University of South Australia, some of the world's

brightest minds teach and research in the areas of business, education, arts and social sciences, health sciences and information technology, engineering and the environment.

In the 2010 QS World University rankings, the University of South Australia recorded the biggest increase for an Australian university and we are now in the top 3 per cent of more than 10,000 universities in the world.

The quality of our teaching is regularly recognised by awards such as Citations for Outstanding Contributions to Student Learning, and two of our academics have won the nation's highest honour for university teachers, the Prime Minister's Award for University Teacher of the Year.

It's that quality teaching that helps our graduates in their careers; in 2010 almost 80 per cent of the University's domestic bachelor graduates secured full-time employment, which is above the national average.

Besides providing a high-quality teaching environment, the University of South Australia is a research leader. Our research institutes address research questions in a range of priority areas, including community sustainability, population health, defence and security, minerals science and business.

We have recently had proof that we are on the right track. The first Excellence in Research for Australia assessment – an official national evaluation of the quality of research – showed that 70 per cent of our assessed research is of world-class standard and in several areas we have built research that is performing well above world-class levels. The University's research informs our teaching and learning activities.

As a student at the University of South Australia you will have a world of opportunities open to you: you will be able to develop a capacity for critical and independent thinking; learn the value of research; develop the most up-to-the-minute knowledge of your chosen profession and learn the essential skills in communication and teamwork that will help you forge a successful career.

I wish you luck in all your academic endeavours.

Professor Peter Høj

Vice Chancellor and President

Health Sciences

Division of Health Sciences

The University of South Australia's Division of Health Sciences focuses on education in, and research on, science based prevention, diagnosis and treatment of health problems. With programs that are relevant to the needs of health professionals and communities, the Division partners with business, industry and government to offer a range of career opportunities in allied health, nursing and midwifery, and pharmacy and medical sciences. Students benefit from those links which include high profile researchers and industry professionals who teach and provide experience based input into the curriculum.

UniSA is the only University in South Australia with degrees to qualify pharmacists, podiatrists, medical radiation professionals and exercise scientists, and is the only South Australian University offering an accredited program in Laboratory Medicine. We also educate specialists in physiotherapy, occupational therapy, dietetics, pharmaceutical science, the growing areas of nutrition and food science, and we have the largest school of nursing and midwifery in the state.

Schools

The Division of Health Sciences comprises the School of Health Sciences, the School of Nursing and Midwifery and the School of Pharmacy and Medical Sciences. All are based at the City East campus on the corner of Frome Road and North Terrace, in the heart of the CBD and Adelaide's health precinct. The campus houses pharmacy and medical science, exercise science and nursing and midwifery laboratories, and purpose built facilities for nutrition and food sciences, medical radiation and occupational therapy.

Bachelor of Applied Science

(Human Movement and Health Studies)

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414231
UniSA program code	IBHT
CRICOS code (international students only)	027744D
ATAR (February 2011 cut-off)	84.00
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$ 20,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The only program of its type in South Australia, this degree gives students the opportunity to study courses in exercise and sports science, health promotion and physical education. This degree will prepare you to have a comprehensive understanding of how exercise and physical activity impacts biological, psychological and social parameters of human life across a range of populations and environments. This knowledge is drawn from the areas of anatomy, physiology, exercise physiology, psychology, growth and development, motor learning and control, biomechanics, nutrition and health.

Within the degree coursework, the students learn to develop skills to: enable effective

communication with a range of clients and peers, undertake client screening, conduct laboratory and field testing and assessment, interpret data, design and implement exercise and training programs using a variety of exercise modes for a diverse, healthy population, recognise and manage risk, appraise and interpret scientific research.

Exercise and sport science knowledge and skills enable you to be a leader in providing exercise testing and prescription to people across all stages of the lifespan and in diverse settings including community health services, corporate health and wellbeing programs, schools, recreational groups, sporting organisations and working with allied health professionals.

UniSA is endorsed by the Australian Sports Commission as an Elite Athlete Friendly University.

What will I study?

In the first year, students undertake introductory studies in core areas such as human anatomy and human physiology, health, the sociology of health and physical activity, and motor learning.

During the second year, students complete additional core courses in nutrition, exercise physiology and biomechanics. They also begin to focus on areas of interest and expand their knowledge by choosing from a range of elective courses.

In the final year, students complete their last core course in lifespan growth and motor development and continue their study stream, selecting appropriate electives to best prepare them for their future career.

In practical classes, held in specialised exercise science laboratories, students learn how to measure specific fitness determinants, prescribe exercise regimes and provide nutritional advice. Students have the opportunity, through a field study practical elective, to undertake 150 hours of experience in workplaces such as health and fitness centres, health promotion agencies, elite sporting organisations, aged care facilities or work with individual allied health professionals in the prescription of exercise.

What does it take?

Students should have a passion for understanding the principles of exercise and physical activity,

an interest in the development and maintenance of good health and fitness practices, and a desire to enhance performance in these areas. They should also be driven to understand the role that exercise and physical activity can play in communities, public health and personal development. Students should be observant, with the ability to analyse and solve complex scientific and humanistic problems. They also need good written and verbal communication skills, which assist both throughout the duration of the program and in professional employment settings.

While the program does not aim to make students better athletes, many of the courses will provide an insight into the requirements for elite/high-level performance. In order to effectively develop their knowledge and skills, students will be expected to take part in a variety of facilitated learning activities and environments including field placement, laboratory classes and practical sessions.

Who will employ me?

Graduates may find employment in a range of positions, both within Australia and overseas. They may secure work in the sport, fitness, rehabilitation, health, education or recreation industries as exercise and sport scientists; outdoor education and recreation consultants; physical training officers; community health workers; sports coaches; sports nutrition advisers; or sports, recreation, health or retail representatives. There are also many opportunities in the area of exercise prescription and this degree prepares students to begin the process of accreditation as a clinical Exercise Physiologist.

Graduates have the potential to work in health clinics or own their own business.

Professional Recognition

In accordance with the rules specified in the program schedule, this program is recognised by the Australian Association for Exercise and Sports Science.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Further Study

Graduates who have completed prerequisite coursework within this program can apply for graduate entry programs including middle and secondary education, clinical exercise physiology, physiotherapy, dietetics and occupational therapy.

Program requirements

FIRST YEAR

First Half (Study Period 1, 2 or 3)

Core

Human Anatomy 100

Skill Acquisition

Foundations of Health

Human Physiology 100A

or

Human Physiology 100

Second Half (Study Period 4, 5 or 6)

Core

Group Dynamics

Sociology of Health and

Physical Activity

and

Stream/Optional Elective

Stream/Optional Elective

or

Elective

SECOND YEAR

First Half (Study Period 1, 2 or 3)

Core

Exercise Physiology 1

Human Nutrition

and

Stream/Optional Elective

Stream/Optional Elective

Second Half (Study

Period 4, 5 or 6)

Core

Biomechanics 100

and

Stream/Optional Elective

Stream/Optional Elective

Stream/Optional Elective

or

Elective

THIRD YEAR

First Half (Study Period 1, 2 or 3)

Stream/Optional Elective

Stream/Optional Elective

Stream/Optional Elective

Stream/Optional Elective

Second Half (Study

Period 4, 5 or 6)

Core

Lifespan Growth and

Development

and

Stream/Optional Elective

Stream/Optional Elective

Stream/Optional Elective

STREAM ELECTIVES from

Exercise and Sport Science Stream

Health & Physical

Education Stream

Health Promotion Stream



Tim Lang

3rd year Bachelor of Applied Science
(Human Movement and Health Studies)

'I'm the first to admit that I didn't know what I wanted to do after school, but I chose Human Movement because it was the closest thing I could find to Year 12 PE and Biology. Loving the theory and practical components as much as I did, and being a constantly active person, I figured that if I could learn more about this kind of thing and have the chance to apply it in everyday life, then what more could I ask?

Almost every day at uni involves some sort of practical application and the testing in the sports science labs is fantastic and allows you to immediately apply all the theory you learn in lectures.

UniSA and the Port Adelaide Football Club have been working together to offer a number of students a cadetship working in either exercise physiology, exercise rehabilitation, strength and conditioning or performance analysis. I was one of the lucky five to be selected for next season.

In future, I'd like to complete an honours project on an area of interest with an aim to further study and related work; hopefully I'm able to organise a project with athletes, as this would be an area of great interest and would be related to where I would like to work in the future.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Applied Science (Occupational Therapy)

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
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SATAC code	414092
UniSA program code	IBOC
CRICOS code (international students only)	006727A
ATAR (February 2011 cut-off)	93.05
Program length	4 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	No
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$ 24,00 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Occupational Therapy is an exciting and growing health profession. Occupational Therapists work collaboratively with people to enable them to actively engage in socially meaningful occupations, regardless of limitations. These limitations can be caused by injury or illness, psychological or emotional disabilities, delays in development, effects of ageing, or environmental or societal barriers. Occupational Therapists play an important role to help clients achieve their goals, which allow them to lead easier lifestyles. This program provides students with the opportunity to develop the knowledge and skills to work in any of the diverse areas of practice including mental health, acute care, physical rehabilitation, community health, work rehabilitation,

and working with children or older people. The program utilises a range of teaching and learning methods with a focus on student participation. A Graduate Entry program is also available for graduates of other bachelor degrees who wish to enter the profession. With the appropriate foundation in specific disciplines, graduates may apply for the Master of Occupational Therapy program.

What will I study?

This program is very structured and requires students to be on campus for around 20 hours a week. During early years of study, students cover the basic sciences that underpin the study and practice of occupational therapy including human anatomy, human physiology, human neurosciences, growth and life development, psychology and

sociology, which are the basis for understanding the links between human occupations, health, development, illness and disability. Across all years, students explore the various occupational therapy practice areas and develop an integrated knowledge of types of conditions commonly seen as well as the occupational therapy theories and practice skills. Over 1,000 hours are spent undertaking placements in various settings with the majority taking place in the final year, thereby providing an opportunity to apply the knowledge and skills developed across the program. The final year placements extend beyond the usual teaching weeks of University.

What does it take?

Occupational therapy students should be able to work both independently and as part of a team, and possess an attentive, observant, practical and logical nature. A desire to work closely with people, combined with the ability to communicate effectively in a number of environments is essential. Students should be able to think critically and solve problems, and apply an adaptable, patient and humorous approach to their work. They should also possess the ability to undertake a physically and mentally demanding program and job.

Who will employ me?

Occupational therapists often work as team members with doctors, nurses, physiotherapists, speech pathologists, social workers, psychologists, vocational counsellors, occupational health and safety officers, and other healthcare providers. Employment opportunities exist within both the private and public sectors

and graduates may find work locally, interstate or overseas. Occupational therapists can work in a variety of settings including hospitals, community mental health services, rehabilitation centres, special schools, centres for the elderly, prisons, community services, home care programs, local council services, private practice, industry or government departments.

Professional Accreditation

This program is accredited by Occupational Therapy Australia Limited on behalf of the World Federation of Occupational Therapy and recognised for registration by appropriate Boards in Australian and New Zealand for practice as an Occupational Therapist.

Honours

Students who achieve a credit level average may be offered the opportunity to complete a with Honours program commencing in the third year of the program. Students who successfully complete the Honours program will be awarded the Bachelor of Applied Science (Occupational Therapy) with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the during this program is required.

Students who do not meet registration criteria and are refused registration, or who have their registration rescinded during the program, will be unable to continue in the program. Further information will be provided by the University with offer letters.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Foundations of Health

Human Anatomy 100

Human Physiology 100A

Introduction to Occupational Therapy Practice

Second Half

(Study Period 4, 5 or 6)

Lifespan Growth and Development

Evidence Based Practice 1

Occupational Therapy Practice in Hospital Settings

Elective

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Evidence Based Practice 2

Introductory Psychology 100

Enabling Occupation through Environmental Adaptation

The Individual in Society 200

Second Half

(Study Period 4, 5 or 6)

Human Neuroscience 201

Occupational Therapy Group Work and Counselling

Occupational Therapy Practice and Mental Health

Occupational Therapy Practice in Occupational Rehabilitation

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Occupational Therapy Practice Education

Primary Health Care Approaches in Occupational Therapy

Advanced Occupational Therapy Practice and Neurological Conditions

Occupational Science

Second Half

(Study Period 4, 5 or 6)

Participatory Community Practice 301

Advanced Community Occupational Therapy Practice and Chronic Conditions Management
Evidence Based Practice 3

THIRD YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Occupational Therapy Practice Education

Primary Health Care Approaches in Occupational Therapy

Advanced Occupational Therapy Practice and Neurological Conditions

Occupational Science

Second Half

(Study Period 4, 5 or 6)

Participatory Community Practice 301

Health Science Honours Preparation

Advanced Community Occupational Therapy Practice and Chronic Conditions Management

Occupational Therapy Practice and Chronic Conditions Management

FOURTH YEAR

First Half

(Study Period 1,2 or 3)

Participatory Community Practice 400

Professional Portfolio 400

Occupational Therapy Field Practice 400

Second Half (Study Period 4, 5 or 6)

Occupational Therapy Field Practice 401

Professional Portfolio 401

Occupational Therapy Field Practice 401

FOURTH YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Health Science Honours Thesis

Participatory Community Practice 400

Occupational Therapy Field Practice 400

Second Half (Study Period 4, 5 or 6)

Occupational Therapy Field Practice 401

Occupational Therapy Field Practice 401



Nancy Joseland

Graduated - Bachelor of Applied Science (Occupational Therapy) (Honours)

'If you are interested in a career where you can work with people to engage in life to their full potential, support people during recovery from a wide range of medical conditions and want to be able to work in a range of clinical areas, then consider Occupational Therapy as a career.'

This is a world recognised degree which provides various possibilities for overseas employment and I would like to work across Australia and overseas to gain experience and see some of the innovative ideas therapists around the world have been able to implement.

The quality of teaching staff is of a very high standard and there are many opportunities for hands-on learning. All students gain exposure to a wide range of clinical areas through a minimum 1000 hours of placement. Placements are also a great way to gain exposure to clinical areas you may not have considered before – you might find your passion in an area you least expect, which is exciting.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Health Science

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
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SATAC code	414311
UniSA program code	IBHL
CRICOS code (international students only)	050783E
ATAR (February 2011 cut-off)	82.30
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$20,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Bachelor of Health Science is designed to produce graduates who have the knowledge, skills and attitude to work in health intervention, maintenance, promotion and management. As the primary provider of allied health professional programs in South Australia, UniSA offers this program with a unique allied health focus. This program has been specifically designed to fulfil the growing employment demand for a variety of non-clinical roles related to the improvement and maintenance of personal and community health. Graduates will have a foundation in basic health science, the diversity of health philosophies, the complex

nature of health outcomes and will be qualified in a specialist area relevant to their career ambitions. In an increasingly complex health and wellness system, dedicated people with specialised skills and an in-depth knowledge of these industries are required to plan, manage, coordinate and administer the infrastructure, resources and initiatives. This program prepares graduates to contribute to the innovative healthcare responses required to meet the changing health needs of society.

What will I study?

Students obtain extensive knowledge in the biological, social and behavioural sciences, and gain an understanding of the health needs of society and the health and wellness systems. Students develop

an understanding of the broad scope and roles of the health industry and its many partners and stakeholders. Students then choose a major and a minor from a range of specialisations including administrative management, adult and community education, commerce, human resource management, management accounting, management of information technology, marketing, counselling studies and psychology.

Throughout the program, students undertake experience through a series of courses and experiential activity in areas of field study, health policy, health promotion and health analysis. They then continue developing practical experience by choosing a workplace experience relating to their area of specialisation. They will learn together with students from the allied health areas of medical radiation, occupational therapy, podiatry, physiotherapy, nutrition and exercise science, developing a strong understanding of the role of these professions within the health care industry.

What does it take?

Students should have a positive approach to health, be advocates of a healthy lifestyle, have an interest in social justice and the sciences. They need to communicate effectively across a range of allied health disciplines and be aware of international perspectives with respect to health and the health industry. Problem-solving skills are required to develop and implement programs that promote health and wellbeing and to determine solutions for healthcare problems. Students must demonstrate sensitivity to a diverse range of

individuals within the community and respond well to change.

Who will employ me?

There is growing demand for non-clinical health professionals who have an understanding of the breadth of the health industry including core allied health disciplines. Graduates are skilled to work in the health and wellness industry. They are able to apply their integrated and multidisciplinary knowledge to a range of roles in areas such as the promotion of health services, health policy development, health research, healthcare management (including fitness and preventative healthcare), health promotion, human resource management, health information management and counselling. Graduates may find work as health researchers, clinical managers, community development officers, health and hospital administrators, health information officers, marketing associates, project officers and policy analysts. Graduates will typically find employment in government, academia, industry, business and the community including hospitals, healthcare foundations, mental health and public health units, specific health clinics, aged and disability care services.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake

field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Further Study

Graduates who have completed prerequisite coursework within this program can apply for graduate entry programs including physiotherapy, occupational therapy, dietetics and nursing.

Program requirements

A major (36 units) or two minors (18 units each) must be completed from the following University majors or minors: administrative management, adult and community education studies, commerce, counselling and interpersonal skills, human resource management, marketing, management for information technology, and psychology, or subject to the approval of the Program Director, from other courses related to the field of health science.

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Human Anatomy 100

Human Physiology 100

Foundations of Health

Health Trends and Services

Second Half

(Study Period 4, 5 or 6)

Evidence Based Practice 1

Elective

Major

Major

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Evidence Based Practice 2

Human Nutrition

Exercise Physiology 1

Major

Second Half

(Study Period 4, 5 or 6)

Health Promotion

Introductory Psychology 100

Health Information Systems

Major

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Nutrition Communication

and Food Studies

Introductory Epidemiology

Major

Major

Second Half

(Study Period 4, 5 or 6)

Managing Health and

Well-being Projects

Field Study

Major

Major



Sarah Liston

3rd year Bachelor of Health Science

'The ability to combine studies in health and administrative management really appealed to me because I am interested in employment within the health sector and have previous management experience. If you are looking for a program that gives you a broad preparation for working in the health sector, this is fantastic.

I enjoy the contrast between the health courses and the commerce and management courses we study. The anatomy labs at City East are very beneficial to understanding human anatomy and I enjoy learning alongside students from clinical programs.

This degree has opened my eyes to the range of opportunities available and I come up with more ideas each time I study a new course. At the moment some possibilities are applying for a graduate position with SA Health, finding employment in health promotion, a management position in the health sector or undertaking an honours year.'

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Bachelor of Laboratory Medicine

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SATAC code	414011
UniSA program code	IBBL
CRICOS code (international students only)	023885A
ATAR (February 2011 cut-off)	74.40
Program length	4 years
Prerequisites	Stage 2 SACE Chemistry or equivalent for all applicants
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$23,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Studies in Laboratory Medicine prepare students for careers as medical scientists (pathology). Medical scientists play a vital role in health care by supporting medical practitioners in the diagnosis and management of disease, conducting research into the causes and cures for disease, and developing improved tests for disease detection. This program offers students experience in the various specialisation areas of Laboratory Medicine that underpin modern medical practice.

Students undertake a full year of professional practice in clinical settings (taken in two 13-week blocks) to gain "real world"

experience and knowledge in the operations and functions of diagnostic pathology and biomedical research laboratories.

What will I study?

Students study all major disciplines of pathology including biochemistry, microbiology, immunology, molecular pathology, haematology and histopathology. A comprehensive coverage of the natural and biomedical sciences is provided in the first two years of the program. The third and fourth years serve to consolidate and strengthen knowledge and skills through instruction and practical experience in the major clinical disciplines in pathology. This takes place in modern, purpose-

built facilities on campus, and in the workplace as part of the year-long professional practice component. Through these studies, students learn the theory and develop the skills required to perform a range of diagnostic tests including cross-matching for blood transfusions, identifying the organisms that cause infections and food poisoning, screening for cancer cells and detecting genes responsible for disease conditions. Students will also learn how to examine blood for any changes in its composition or function, and monitor levels of blood chemicals including sugar, electrolytes, pH, metabolites, toxins, drugs, hormones and proteins.

What does it take?

A medical scientist should be inquisitive and have an analytical mind, as well as possess the practical knowledge and skills to carry out the work required. As their work has a vital bearing on the welfare of patients, the tests that medical scientists perform must be accurate and completely reliable. Thus, medical scientists need to have the appropriate testing skills developed to a very high level, and the ability to absorb, connect and integrate information from various sources. Medical scientists also use a range of intricate and sophisticated equipment, so a certain amount of manual dexterity is needed to conduct laboratory work effectively. Medical scientists are continually increasing their understanding of disease mechanisms, so an interest in developing and applying newly researched techniques is also important. Overall, a desire to improve the health of people in the community is paramount.

Who will employ me?

Laboratory Medicine is a dynamic profession with excellent long-term career prospects not only in disease diagnostics but also management, research, education and specialised laboratory work. Graduates can be employed in a range of areas including diagnostic pathology, research laboratories, forensic pathology, public health departments, health management, universities and other educational institutions, veterinary medicine, reference laboratories, product manufacturing or the pharmaceutical industry. Graduates may also find opportunities to pursue careers interstate or even overseas. Major local employers include Healthscope Pathology, Clinpath, Adelaide Pathology Partners (APP), SA Pathology (Institute of Medical and Veterinary Science), Women's and Children's Hospital, SouthPath, Abbott Pathology and the Australian Red Cross Blood Service.

Professional accreditation

This program is fully accredited by the Australian Institute of Medical Scientists. Graduates are entitled to Graduate Membership of the Australian Institute of Medical Scientists (AIMS), and are eligible for membership of the Australasian Association of Clinical Biochemists (AACB), and the Australian Society for Microbiology (ASM).

Honours

An Honours stream, which replaces the one year of professional practice, is available to students achieving a credit level average in courses from the first two-and-a-half years of the program.

Students who successfully complete the Honours program will be awarded the Bachelor of Laboratory Medicine with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Chemistry 100

Biological Science 100

Mathematics for Laboratory Science 100

Health and Society

Second Half

(Study Period 4, 5 or 6)

Chemistry 101

Biological Science 101

Statistics for Laboratory Sciences 101

Professional Issues in Laboratory Medicine 101

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Biochemistry N 200

Physiology N 200

Histology N 200

Microbiology N 200

Second Half

(Study Period 4, 5 or 6)

Immunology N 201

Genomics and Proteomics

Pathophysiology N 201

Haematology 201

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Microbiology 300

Molecular Pathology 300

Histopathology 300

Transfusion and Haemostasis 300

Second Half

(Study Period 4, 5 or 6)

Clinical Practice 301A

Clinical Practice 301B

THIRD YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Microbiology 300

Molecular Pathology 300

Histopathology 300

Transfusion and Haemostasis 300

Second Half (Study

Period 4, 5 or 6)

Honours Laboratory

Medicine 301A

Honours Laboratory

Medicine 301B

FOURTH YEAR

First Half

(Study Period 1, 2 or 3)

Clinical Practice 400A

Clinical Practice 400B

Second Half (Study

Period 4, 5 or 6)

Microbiology 401

Biochemistry 401

Histopathology 401

Haematology 401

FOURTH YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Honours Laboratory

Medicine 400A

Honours Laboratory

Medicine 400B

Second Half (Study

Period 4, 5 or 6)

Microbiology 401

Biochemistry 401

Histopathology 401

Haematology 401



Ruth Vogelsang

Graduated - Bachelor of Laboratory Medicine

'Not only does this program allow me to be work-ready but it is also accredited with the Australian Institute of Medical Scientists.

I loved the clinical placement component of the course. Going to a rural or remote area is one of the best experiences you will have, not to mention how much better equipped you will be in regards to job prospects when you graduate.

I did my clinical placement in Alice Springs and it was one of the best experiences of my life. From this, I have been offered a Medical Scientist position with SA Pathology in rural and remote areas, working in Alice Springs for my first 12 months after graduation. I was also very honoured to be awarded with the IMVS (now known as SA Pathology) scholarship, which also contributed to securing my full time job.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Medical Radiation Science (Medical Imaging)

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414371
UniSA program code	IBRS
CRICOS code (international students only)	060206M
ATAR (February 2011 cut-off)	99.05
Program length	4 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	No
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$24,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Bachelor of Medical Radiation Science (Medical Imaging) prepares students for careers as medical imaging professionals (also referred to as diagnostic radiographers). Medical imaging professionals are responsible for producing diagnostic images with various types of radiation, including x-rays, while ensuring the patient is safely exposed to radiation. Medical Imaging is selected when applying through SATAC for entry into the program, and employment of graduates is only available within this specialised area of Medical Imaging.

What will I study?

During the first two years of the program, students focus on the basic sciences that underpin the study and practice of medical

radiation. Topics include anatomy, physiology, pathology, radiation physics, psychology, research and an introduction to professional skills and knowledge. The third year builds on professional skills and knowledge in Medical Imaging using a combination of clinical placement and university teaching. The final year is a comprehensive clinical practice program to consolidate skills previously acquired, as students move into advanced areas of practice prior to graduation. The program is normally completed on a full-time basis and has a strong practical and industry focus. Students will be required to attend clinical placements and work experience during vacation periods to be eligible for graduation and hence professional accreditation. Students may be required

to undertake a minimum four-week clinical placement outside Adelaide in a rural or interstate location. Students complete approximately 2000 hours of clinical placement during the program.

What does it take?

Medical radiation students should enjoy helping and working with people, have an interest in science, and must have good perspective and analytical skills. They need to be attentive and able to work with a high level of accuracy. They also require the ability to develop a high level of technical and communication skills in order to effectively interact with other health professionals and a variety of patients. The ability to work effectively, both as part of a team and independently, is an essential quality.

Who will employ me?

Graduates can expect to be employed in hospitals and private practices as medical imaging professionals. They may also work in the defence forces or move into industry in areas such as quality control, metals testing and pharmaceutical companies. Graduates may also select a career in research, following the completion of a higher degree such as a PhD. Graduates are eligible for employment overseas where their qualifications, training and experience are highly regarded. With some further experience, graduates may be employed by medical equipment manufacturers and development specialists. Graduates have good employment prospects, and will enter a field in which the demand for professionals has increased in recent years. An ageing population requiring increased medical radiation services, together with the

continuing introduction of high-tech equipment, ensures strong demand for future graduates.

Professional accreditation

The program is new and therefore the normal process for professional accreditation is currently in the final stages.

Honours

Students who achieve a credit level average in the initial years of the program may be offered the opportunity to complete Honours in the fourth year. Students who successfully complete the Honours program will be awarded the Bachelor of Medical Radiation Science (Medical Imaging) with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) will be required from July 2012. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. Students will receive further information prior to July 2012.

Program requirements**FIRST YEAR****First Half****(Study Period 1, 2 or 3)**

Foundations of Health

Human Anatomy 100

Human Physiology 100

Physics for Medical Radiation 1

**Second Half (Study
Period 4, 5 or 6)**

Evidence Based Practice 1

Human Physiology 101

Physics for Medical Radiation 2

Human Anatomy 101
(Gross and Sectional)**SECOND YEAR****First Half****(Study Period 1, 2 or 3)**

Introductory Psychology 100

Physics for Medical Radiation 3

Studies 1

Medical Imaging Studies 2

Pathology for Medical Radiation

Physics for Medical Radiation 4

Introductory Clinical Practice

Elective

Summer (Study Period 7)

Medical Imaging

Clinical Practice 1

THIRD YEAR**First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice 2

Medical Imaging Studies 3

Medical Imaging Studies 4

**Second Half (Study
Period 4, 5 or 6)**

CT and PET Imaging

Medical Imaging

Clinical Practice 2

Specialised Medical Radiation

**THIRD YEAR WITH HONOURS
(NUCLEAR MEDICINE)****First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice 2

Nuclear Medicine Studies 3

Medical Imaging Studies 4

**Second Half (Study
Period 4, 5 or 6)**

CT and PET Imaging

Medical Imaging Honours

Clinical Practice 2

Specialised Medical Radiation

Health Science Honours

Preparation

FOURTH YEAR**First Half****(Study Period 1, 2 or 3)**

Medical Imaging

Clinical Practice 3

Medical Imaging

Clinical Practice 4

**Second Half (Study
Period 4, 5 or 6)**

Medical Imaging Professional

Entry Practice 1

Medical Imaging Professional

Entry Practice 2

**FOURTH YEAR WITH
HONOURS (NUCLEAR
MEDICINE)****First Half****(Study Period 1, 2 or 3)**

Medical Imaging

Clinical Practice 3

Medical Imaging Honours

Clinical Practice 4

Health Science Honours Thesis

Second Half**(Study Period 4, 5 or 6)**

Medical Imaging Honours

Professional Entry Practice 1

Medical Imaging Professional

Entry Practice 2



Kosta Hellmanns

4th year Bachelor of Medical Radiation Science
(Medical Imaging) (Honours)

'Radiography is a profession that gives individuals the opportunity to play an important role in the diagnosis of patients, and thus be part of their journey toward a better health outcome. This is a rewarding program and on completion there is great job security.'

Most courses have practical components as it is a significant part of the profession and we have constant interaction with patients and individuals from all walks of life.

I enjoy learning about the body and how it functions, which enables us to integrate knowledge about anatomy, physiology, physics and aspects of photography into our everyday work.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Medical Radiation Science (Nuclear Medicine)

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414341
UniSA program code	IBRS
CRICOS code (international students only)	060206M
ATAR (February 2011 cut-off)	92.40
Program length	4 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	No
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$24,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Bachelor of Medical Radiation Science (Nuclear Medicine) prepares students for careers as nuclear medicine technologists. Nuclear medicine technologists use short-lived gamma-rays that emit radioactive tracers to investigate trauma and disease such as cancer, heart disease and brain disorders. Nuclear Medicine is selected when applying through SATAC for entry into the program. Employment of graduates is only available within this specialised area of Nuclear Medicine.

What will I study?

During the first two years of the program, students focus on the basic sciences that underpin the study and practice of medical radiation. Topics include anatomy, physiology, pathology, radiation

physics, psychology, research and an introduction to professional skills and knowledge. The third year builds on professional skills and knowledge in Nuclear Medicine using a combination of clinical placement and university teaching. The final year is a comprehensive clinical practice program to consolidate skills previously acquired, as students move into advanced areas of practice prior to graduation. The program is normally completed on a full-time basis and has a strong practical and industry focus. Students will be required to attend clinical placements and work experience during vacation periods to be eligible for graduation and professional accreditation. Students may be required to undertake a minimum four-week clinical placement outside Adelaide in a rural or

interstate location. Students complete approximately 2000 hours of clinical placement during the program.

What does it take?

Medical radiation students should enjoy helping and working with people, have an interest in science, and must have good perspective and analytical skills. They need to be attentive and able to work with a high level of accuracy. They also require the ability to develop a high level of technical and communication skills to effectively interact with other health professionals and a variety of patients. The ability to work effectively, both as part of a team and independently, is an essential quality.

Who will employ me?

Graduates can expect to be employed in hospitals and private practices as nuclear medicine technologists. They may also have the opportunity to work for pharmaceutical companies. Graduates may also select a career in research following the completion of a higher degree such as a PhD. Graduates are eligible for employment overseas where their qualifications, training and experience are highly regarded. With some further experience, graduates may be employed by medical equipment manufacturers and development specialists. Graduates have good employment prospects, and will enter a field in which the demand for professionals has increased in recent years. An ageing population requiring increased medical radiation services, together with the continuing introduction of hi-tech equipment, ensures strong demand for future graduates.

Professional Accreditation

The program is new and therefore the normal process for professional accreditation is currently in the final stages.

Honours

Students who achieve a credit level average in the initial years of the program may be offered the opportunity to complete Honours in the fourth year. Students who successfully complete the Honours program will be awarded the Bachelor of Medical Radiation Science (Nuclear Medicine) with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) will be required from July 2012. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. Students will receive further information prior to July 2012.

Program requirements**FIRST YEAR****First Half****(Study Period 1, 2 or 3)**

Foundations of Health

Human Anatomy 100

Human Physiology 100

Physics for Medical Radiation 1

Second Half (Study Period 4, 5 or 6)

Evidence Based Practice 1

Human Physiology 101

Physics for Medical Radiation 2

Human Anatomy 101

(Gross and Sectional)

SECOND YEAR**First Half****(Study Period 1, 2 or 3)**

Introductory Psychology 100

Physics for Medical Radiation 3

Nuclear Medicine Studies 1

Human Anatomy 201

(Gross and Sectional)

Second Half (Study Period 4, 5 or 6)

Nuclear Medicine Studies 2

Pathology for Medical Radiation

Physics for Medical Radiation 4

Introductory Clinical Practice

Elective

Summer (Study Period 7)

Nuclear Medicine

Clinical Practice 1

THIRD YEAR**First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice 2

Nuclear Medicine Studies 3

Nuclear Medicine Studies 4

Second Half (Study Period 4, 5 or 6)

CT and PET Imaging

Nuclear Medicine

Clinical Practice 2

Specialised Medical Radiation

THIRD YEAR WITH HONOURS**(NUCLEAR MEDICINE)****First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice 2

Nuclear Medicine Studies 3

Nuclear Medicine Studies 4

Second Half (Study Period 4, 5 or 6)

CT and PET Imaging

Nuclear Medicine Honours

Clinical Practice 2

Specialised Medical Radiation

Health Science Honours

Preparation

FOURTH YEAR**First Half****(Study Period 1, 2 or 3)**

Nuclear Medicine

Clinical Practice 3

Nuclear Medicine

Clinical Practice 4

Second Half**(Study Period 4, 5 or 6)**

Nuclear Medicine Professional

Entry Practice 1

Nuclear Medicine Professional

Entry Practice 2

FOURTH YEAR WITH HONOURS (NUCLEAR MEDICINE)**First Half****(Study Period 1, 2 or 3)**

Nuclear Medicine

Clinical Practice 3

Nuclear Medicine Honours

Clinical Practice 4

Health Science Honours Thesis

Second Half**(Study Period 4, 5 or 6)**

Nuclear Medicine Honours

Professional Entry Practice 1

Nuclear Medicine Professional

Entry Practice 2



Kimberly Nguyen

4th year Bachelor of Medical Radiation (Nuclear Medicine)

'The health field has always appealed to me and this program integrates many aspects that interested me.'

The strong practical approach to the program is excellent; theory learnt in classes can be consolidated while on placement in a professional environment in realistic circumstances. During placements, skills are gained that cannot be learnt in a classroom, like patient communication skills. Students are also encouraged to attend meetings and conferences held by professional bodies, such as the ANZSNM (Australian and New Zealand Society of Nuclear Medicine).

There is potential for travel with interstate and rural placements offered to all students. I was lucky enough to undertake a placement in Brisbane, where I gained an interstate perspective. This allowed me to make valuable contacts, which could be helpful in the future when applying for jobs. I also hope to undertake a placement block in Perth next year.'

Bachelor of Medical Radiation Science (Radiation Therapy)

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414361
UniSA program code	IBRS
CRICOS code (international students only)	060206M
ATAR (February 2011 cut-off)	93.05
Program length	4 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	No
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$24,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Bachelor of Medical Radiation Science (Radiation Therapy) prepares students for careers as radiation therapists. Radiation therapists plan and deliver optimal treatments to cancer patients according to a radiation oncologist's prescription. Radiation Therapy is selected when applying through SATAC for entry into the program. Employment of graduates is only available within this specialised area of Radiation Therapy.

What will I study?

During the first two years of the program, students focus on the basic sciences that underpin the study and practice of medical radiation. Topics include anatomy, physiology, pathology, radiation physics, psychology, research and

an introduction to professional skills and knowledge. The third year builds on professional skills and knowledge in Radiation Therapy using a combination of clinical placement and university teaching. The final year is a comprehensive clinical practice program to consolidate skills previously acquired as students move into advanced areas of practice prior to graduation. The program is normally completed on a full-time basis and has a strong practical and industry focus. Students will be required to attend clinical placements and work experience during vacation periods to be eligible for graduation and professional accreditation. Students may be required to undertake a minimum four-week clinical placement outside Adelaide in a rural or interstate location. Students

complete approximately 2000 hours of clinical placement during the program.

What does it take?

Medical radiation students should enjoy helping and working with people, have an interest in science, and must have good perspective and analytical skills. They need to be attentive and able to work with a high level of accuracy. They also require the ability to develop a high level of technical and communication skills in order to effectively interact with other health professionals and a variety of patients. The ability to work effectively, both as part of a team and independently, is an essential quality.

Who will employ me?

Graduates can expect to be employed in hospitals and private practices as radiation therapists. Graduates may also select a career in research following the completion of a higher degree such as a PhD. Graduates are eligible for employment overseas where their qualifications, training and experience are highly regarded. With some further experience, graduates may be employed by medical equipment manufacturers and development specialists. Graduates have good employment prospects, and will enter a field in which the demand for professionals has increased in recent years. An ageing population requiring increased medical radiation services, together with the continuing introduction of high-tech equipment ensures strong demand for future graduates.

Professional accreditation

The program is new and therefore the normal process for professional accreditation is

currently in the final stages.

Honours

Students who achieve a credit level average in the initial years of the program may be offered the opportunity to complete Honours in the fourth year. Students who successfully complete the Honours program will be awarded the Bachelor of Medical Radiation Science (Radiation Therapy) with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) will be required from July 2012. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. Students will receive further information prior to July 2012.

Program requirements**FIRST YEAR****First Half****(Study Period 1, 2 or 3)**

Foundations of Health

Human Anatomy 100

Human Physiology 100

Physics for Medical Radiation 1

Second Half (Study Period 4, 5 or 6)

Evidence Based Practice 1

Human Physiology 101

Physics for Medical Radiation 2

Human Anatomy 101

(Gross and Sectional)

SECOND YEAR**First Half****(Study Period 1, 2 or 3)**

Introductory Psychology 100

Physics for Medical Radiation 3

Radiation Therapy Studies 1

Human Anatomy 201

(Gross and Sectional)

Second Half (Study Period 4, 5 or 6)

Radiation Therapy Studies 2

Pathology for Medical Radiation

Physics for Medical Radiation 4

Elective

Introductory Clinical Practice

Summer (Study Period 7)

Radiation Therapy

Clinical Practice 1

THIRD YEAR**First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice 2

Radiation Therapy Studies 3

Radiation Therapy Studies 4

Second Half (Study Period 4, 5 or 6)

CT and PET Imaging

Radiation Therapy

Clinical Practice 2

Specialised Medical Radiation

THIRD YEAR WITH HONOURS**(RADIATION THERAPY)****First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice 2

Radiation Therapy Studies 3

Radiation Therapy Studies 4

Second Half (Study Period 4, 5 or 6)

CT and PET Imaging

Radiation Therapy Honours

Clinical Practice 2

Specialised Medical Radiation

Health Science Honours

Preparation

FOURTH YEAR**First Half****(Study Period 1, 2 or 3)**

Radiation Therapy

Clinical Practice 3

Radiation Therapy

Clinical Practice 4

Second Half**(Study Period 4, 5 or 6)**

Radiation Therapy Professional

Entry Practice 1

Radiation Therapy Professional

Entry Practice 2

FOURTH YEAR WITH HONOURS (RADIATION THERAPY)**First Half****(Study Period 1, 2 or 3)**

Radiation Therapy

Clinical Practice 3

Radiation Therapy Honours

Clinical Practice 4

Health Science Honours Thesis

Second Half**(Study Period 4, 5 or 6)**

Radiation Therapy Honours

Professional Entry Practice 1

Radiation Therapy Professional

Entry Practice 2



Simon van Niekerk

4th year Bachelor of Medical Radiation Science,
(Radiation Therapy)

'This degree involves a large amount of practical learning, both within the subjects studied at UniSA and in a work placement setting. It is very 'hands-on', with an emphasis on patient set-up, operating equipment and working in a team environment.

I really enjoy the career prospects and the diverse roles within the Radiation Therapy department. I particularly appreciate the cancer treatment aspect, which makes you feel you are making a difference each day, and not just working a job. I also enjoyed the extended patient contact which involves getting to know your patients and seeing them every weekday for up to four to five weeks.

There are many opportunities to travel interstate during placement and for conferences with funding generously provided. I have personally presented at conferences both locally and interstate.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Medical Science

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414381
UniSA program code	IBMS
CRICOS code (international students only)	068948G
ATAR (February 2011 cut-off)	92.10
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$25,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Medical Science degree is a flexible program that exposes students to areas such as physiology, pharmacology, microbiology, biochemistry, molecular biology, human genetics, immunology, biotechnology and nanotechnology. If you are interested in the scientific basis of medicine but have not decided on your career pathway, the flexibility of a degree in Medical Science will allow you to explore the diverse options available in this exciting and rapidly developing field, and develop skills that will support a range of alternative graduate destinations. Students who study this program will be able to participate in exciting research projects within UniSA's Sansom Institute for Health Research. The program

also provides opportunities for students to access a wider range of medical science courses, including "real-life" exposure to current medical research, through a collaborative teaching program with the Australian National University (ANU).

What will I study?

In the first year, students undertake a number of core courses in the basic sciences to introduce them to the human body and the areas of science that influence medicine in the broadest context. During the second year, students undertake core and elective courses in areas such as molecular biology, microbiology, immunology, human disease, human nutrition, genetics and neuroscience. In the final year, students are provided with further choices

in areas such as pharmacology (how medicines work) and toxicology (how medicines and other chemicals can damage humans and the environment), reproductive and developmental physiology and forensic science, including key topics in criminal science (DNA testing, trace analysis and chemical toxicology).

What does it take?

The Bachelor of Medical Science is a broad, flexible program that exposes students to the fundamental knowledge that is required across a large range of medical science fields. It is therefore essential that students have an interest in science, specifically an interest in how the human body works at all levels and how different body systems interact with each other and the environment. To provide the necessary analytical and problem solving skills for a future career in medical science, the program emphasises the development of research skills, such as basic laboratory techniques, experimental design, data interpretation, critical thinking and literature evaluation. The ability to work collaboratively or in teams, with minimal supervision and with a high degree of accuracy is essential, as is the understanding of an ethical approach to medical research and intellectual property management. The program will promote the development of good written and verbal communication skills and a high level of professional and scientific literacy. This training will provide a platform for further postgraduate study, including higher degrees by research in a wide range of medical, biomedical, health or allied health disciplines.

Who will employ me?

Graduates may find employment in a range of positions, both within Australia and overseas. Graduates may be employed in areas such as medical research, the biotechnology industry, forensic science, medical informatics, medical sales and marketing and medical education roles. It also opens up a wide range of postgraduate opportunities in areas such as medicine, physiotherapy, occupational therapy, dietetics, senior school education and marketing.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Link with ANU

The degree provides a rare pathway for students to study at two different universities, the Australian National University and UniSA.

In addition each year the Australian National University will set aside up to five places in its graduate entry medicine (MBBS) program for graduates of the

co-badged University of South Australia / Australian National University Bachelor of Medical Science program. Students must satisfy the standard admission requirements of the ANU MBBS program. These include special consideration for students with a rural and/ or Indigenous background. For details, please visit <http://medicalschoo.anu.edu.au>.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Biological Science 100

Chemistry 100

OR

Chemistry in Life 100

Health and Society

Elective

Second Half

(Study Period 4, 5 or 6)

Biological Science 101

Chemistry 101

OR

Chemistry in Life 101

Quantitative Methods in Health

Elective

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Biochemistry N 200

Physiology N 200

Microbiology N 200

Medical Sciences Elective 1

Second Half

(Study Period 4, 5 or 6)

Immunology N 201

Genes to Proteins

Genetics

Medical Sciences Elective 2

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Cellular and Molecular
Basis of Disease

Advanced Methods in
Molecular Biology

Cancer Biology

Medical Sciences Elective 3

Second Half

(Study Period 4, 5 or 6)

Reproduction and Development

Current Topics In

Medical Research

Research Elective Project

Medical Sciences Elective 4

UniSA/ANU CO- BADGED DEGREE

Either SECOND YEAR

Six Compulsory ANU Courses:

Introductory Genetics

Genes: Replication and Expression

Biochemistry and Nutrition

General Microbiology

Cell Physiology in

Health and Disease

Human Physiology

Plus one of the

following courses:

Advanced Human Genetics

Molecular Biotechnology

Plus one course chosen

from first or second year

ANU Medical Science

courses or THIRD YEAR

Four Compulsory ANU Courses:

Infection & Immunity

Molecular Immunology

Genomics and its Applications

Medical Science in the Workplace

Plus one of the

following courses:

Developmental and

Molecular Biology

Parasitology

Cellular Neuroscience

Systems Neuroscience

Biotechnology in Context

Plus three courses chosen

from third year ANU

Medical Science courses.

THIRD YEAR

UNISA/ANU CO-
BADGED DEGREE

ANU Medical Science courses

Four Compulsory Core Courses:

Infection & Immunity

Molecular Immunology

Genomics and its Applications

Medical Science in the Workplace

Plus one of the

following courses:

Developmental and

Molecular Biology

Parasitology

Cellular Neuroscience

Systems Neuroscience

Biotechnology in Context

Plus three courses chosen

from the ANU Medical

Science courses.



Fleur Spronk

2nd year Bachelor of Medical Science

'I knew I was interested in science and health, and this program gives me the opportunity to pursue a range of options like research, medicine or teaching and allows me to keep my options open.

A highlight of my program so far was a three-day trip to the Australian National University (ANU) in Canberra where students can consider the option of studying in third year through a partnership arrangement with UniSA.

A lot of this program is hands-on and I enjoy monthly information sessions, which introduce different areas of research over lunch with other Medical Science students.

This is a great program if you are not sure of a specific career path but know it is in this area of medical science. Plus there is the option of medicine as a next step. I am still undecided about my future plans but I expect to complete Postgraduate study through either a Master of Teaching or the new Master of Dietetics.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Midwifery

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/penday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414241 414245 (external study)
UniSA program code	IBMW
CRICOS code (international students only)	036241G
ATAR (February 2011 cut-off)	90.20
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	Yes
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$21,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Midwives provide care, supervision and advice to women pre-conception, during pregnancy, labour, birth, and postnatally. They play an important role in health counselling and education for women, their families and the community through the provision of antenatal, preparation for parenthood, family planning and child health education. As part of their role, midwives undertake assessment and screening of pregnant women, demonstrate techniques for infant care, identify and refer mental health issues such as postnatal depression, provide appropriate support and assist with access to services including parenting and women's health. The program develops midwifery knowledge and practice based on the

Australian College of Midwives (ACM) competencies framework, promotes the development of cultural sensitivity within the healthcare system, and develops competency in information literacy required for midwifery practice and lifelong learning.

What will I study?

The Bachelor of Midwifery requires students to explore and reflect on the ethico-legal, political, socio-cultural, economic and technological influence on midwifery practice as well as the legal and ethical responsibilities of midwives. Students develop an understanding of the relationship between social and biological aspects of health and illness along with midwifery therapies, to provide culturally sensitive and holistic care for women and their families. As well as

contemporary theory content, students undertake a range of practical learning experiences. They are involved in simulation-based learning in specialised laboratories on campus and placements in metropolitan, rural and potentially international healthcare delivery settings. These activities equip students with the necessary midwifery skills for professional practice. Students are able to apply their knowledge and skills right from first year by undertaking clinical placements. They gain valuable experience through a case-management approach, where they work closely with a practising midwife to follow the care of at least 30 women. During the program, undergraduate students are directly and actively involved in 40 normal births. To enhance interactive learning, online delivery of materials is central to this program. Students receive additional support, depending on the internal or external study mode selected.

What does it take?

Midwives require a sound knowledge base in order to respond to health experiences, solve problems and monitor, implement and manage complex health issues. Students should be problem solvers, empathetic, perceptive, have well developed communication and leadership skills, and a desire to work with women and their families. Basic computing skills are important in accessing the online learning environment. The clinical requirements for this program are extensive (approximately 27 weeks) and require that students participate in a number of births and other activities, often out of hours. Access to private transport is an advantage. External students are

required to attend on-campus workshops for several days each semester. Clinical placements must be completed on a full-time basis and are undertaken in South Australia. Please note that shift work is required.

Who will employ me?

Graduates can expect to be employed in a range of midwifery practice settings across urban, rural and remote locations, from public and private hospitals to various community contexts. Graduates normally undertake a Graduate Midwifery Program of one year with a participating employer. Employment rates for midwives are high, with most students finding employment soon after completion of the program.

Professional Accreditation

Graduates satisfy the academic requirements for registration as a Midwife with the Nursing and Midwifery Board of Australia. The requirements for registration are determined by the Board.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) is required. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. The registration process will commence following initial enrolment and further information will be provided by the University with offer letters.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Normal Pregnancy
and Childbirth 1

Human Body 1

Being a Health Professional

Second Half

(Study Period 4, 5 or 6)

Normal Pregnancy
and Childbirth 2

Health Care for Women
and Families

Human Body 2

Cultural Perspectives on Health

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Women and Midwives

Scientific Basis for

Clinical Practice 1

Maternal-Infant Bonding
and Nutrition

Second Half

(Study Period 4, 5 or 6)

Complications of Pregnancy
and Childbirth

Physiological Adaptations
in Pregnancy

Health Care Pharmacology
and Diagnostics

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Childbirth and Neonatal Care

Psychological Perspectives of
Pregnancy and Childbirth

Second Half

(Study Period 4, 5 or 6)

Determining Australia's Health

Midwifery Practicum and
Professional Practice



Melissa Papalia

3rd year Bachelor of Midwifery

"The facilities at UniSA are fantastic and, as a new student, I was so impressed that the nursing labs were set up exactly like a hospital ward would be. It's great that we can have access to them at any time to practise clinical skills if needed.

I've been out on four blocks of clinical placement so far and as part of our degree we do 'continuity of care' experiences with pregnant women so we are consistently out attending ante-natal appointments and births.

The highlights for me are always the births. It's amazing when you've worked with a woman through her whole pregnancy to not just be present at the birth but also to play a critical part in it. This, coupled with the positive feedback that I get from these women and their partners afterwards, makes all the studying absolutely worth it."





Bachelor of Nursing (Pre-registration)

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414141 414145 (external study)
UniSA program code	IBNU
CRICOS code (international students only)	024218F
ATAR (February 2011 cut-off)	65.25
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	Yes
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	n/a
Program fees	Commonwealth Supported
Program fees (international students only)	A\$21,000
Scholarships available	unisa.edu.au/scholarship

Program overview

Nurses are the largest group of health professionals, both in Australia and internationally, and have an important influence and role in healthcare delivery and policy development. In particular, the role of the nurse is central to enhancing the quality of life for individuals across their lifespan. The Bachelor of Nursing program has been designed to prepare nurses to meet healthcare delivery requirements for the 21st century and respond to Australian and international healthcare trends. The program prepares students to deliver sound and effective nursing care based on an understanding of the socio-political and biophysical influences of health

and illness. The program is based on the identified needs and competencies defined by the World Health Organisation; the Australian Government's National Health Priority Areas and the Australian Nursing and Midwifery Council.

What will I study?

Foundation courses provide students with an understanding of the socio-political and biophysical determinants of health and illness. In response to the healthcare needs and priorities of the Australian and international population, the concepts of aged care, chronic illness, mental health and Indigenous health are integral to this program. Students will

develop an understanding of client-centred care and lifespan development as applied to nursing roles, while undertaking courses in the areas of child, adult and older-adult health. As well as contemporary theory content, students undertake a range of practical learning experiences. They are involved in simulation-based learning in nursing laboratories on campus as well as placements in metropolitan, rural and potentially international healthcare delivery settings. These activities equip students with the necessary nursing skills for professional practice.

What does it take?

Students should be good communicators and have empathy for others. They need to enjoy a challenge, be problem solvers, perceptive, and willing to develop their leadership and management skills. Basic computing skills are important in accessing the online learning environment. Clinical placements are undertaken on a full-time basis and require shift work. Clinical placements must be completed on a full-time basis and students must be prepared to undertake placements in South Australia, as interstate placement may not be available. Students enrolled externally are required to attend intensive on-campus workshops for some courses. Students undertake over 1000 hours of clinical placements.

Who will employ me?

Nurses make vital contributions to society through a variety of ways including health promotion, education, administration and research. Nurses work in a variety of healthcare settings, including community support centres, hospitals, aged and rehabilitative care facilities, industrial sites, schools and the homes of individuals. Nurses will also find employment in drug and alcohol treatment centres, prisons and community health and welfare organisations such as Asthma SA, and the Royal District Nursing Service (RDNS). Currently there is a high employment demand for registered nurses in Australia. This is happening against a backdrop of Australia's changing demography and health profile: the ageing population and increased burden of chronic illness creates an even greater need for nurses. These changes in the environment explain the number and variety of opportunities available to graduates. A future in nursing opens the door to many career paths and the possibility to work all over the world.

Professional accreditation

Graduates satisfy the academic requirements for registration as a General Nurse with the Nursing and Midwifery Board of Australia. The requirements for registration are determined by the Board.

Related Programs

Students who wish to pursue a career in nursing who do not gain the required ATAR to enter into the Bachelor of Nursing degree are strongly encouraged to consider the Associate Degree in Health Sciences (Nursing). The Associate Degree aims

to provide a pathway into specified degree programs (e.g. Bachelor of Nursing) allowing graduates to advance their qualification on completion of the Associate Degree.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) is required. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. The registration process will commence following initial enrolment and further information will be provided by the University with offer letters.

Program requirements

STAGE 1 - KNOWLEDGE, SKILLS AND ATTITUDES FOR UNDERSTANDING

First Half (Study Period 1, 2 or 3)

Being a Health Professional

Lifespan Development

Human Body 1

Second Half (Study Period 4, 5 or 6)

Human Body 2

Determining Australia's Health

Cultural Perspectives on Health

STAGE 2 - KNOWLEDGE, SKILLS AND ATTITUDES FOR INTERVENTION

First Half (Study Period 1, 2 or 3)

Health of Infants, Children and Young People

Health of Adults

Scientific Basis of Clinical Practice 1

Second Half (Study Period 4, 5 or 6)

Health of Older Adults

Scientific Basis of Clinical Practice 2

Experiential Learning Activity – Practicum 1

STAGE 3 - KNOWLEDGE, SKILLS AND ATTITUDES FOR PROFESSIONAL PRACTICE

First Half (Study Period 1, 2 or 3)

Experiential Learning Activity – Practicum 2

Systems and Organisations of Nursing Care

Second Half (Study Period 4, 5 or 6)

Contexts of Nursing Practice

Experiential Learning Activity – Practicum 3



Emmanuel Lee

3rd year Bachelor of Nursing

'I think UniSA has the best nursing program in South Australia and it equips students with current skills needed in the industry. Nursing is a much sought after profession, with a lot of potential and many opportunities worldwide.'

The program equips students with skills needed in the industry through great research facilities, well equipped practice labs and experiential learning activities.

Highlights are getting to meet people in the industry, working with people of different cultures, and gaining experiences in many areas such as research skills, data analysis, management perspectives, just to name a few.

Once I graduate I would like to pursue further studies in the field of nursing and possibly look at doing my honours and PhD.'

Bachelor of Nutrition and Food Sciences

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414291
UniSA program code	IBNF
CRICOS code (international students only)	036238C
ATAR (February 2011 cut-off)	80.00
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$23,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

This program provides students with the practical and theoretical knowledge to become involved in the development of innovative foods, diets and lifestyles for health, as well as research into the functional ingredients for enhanced wellbeing. The two streams within this degree lead graduates to diverse employment opportunities. Nutrition Science graduates usually go on to work in healthcare. Food Science graduates are more likely to be employed in food and beverage companies. UniSA has strong links with the food industry, and components of the program will be taught during industry visits or by industry representatives.

What will I study?

The program is designed to produce graduates with a strong

foundation in both nutrition and food sciences. The choice of which stream to follow is not made until halfway through the program, when students have been introduced to key elements in both streams. First year develops foundational knowledge in biology, chemistry and quantitative methods while introducing students to health and society, and the taste sensations of foods. The second year builds on this with studies in biochemistry, physiology, nutrition, microbiology and food chemistry. In the final year, both streams study core courses in food processing, food quality, functional foods and medicines, and consumer education and food preferences. The Nutrition Science stream develops further skills in health promotion and the development of health and

nutrition projects while the Food Science stream focuses on additional studies in food microbiology, food chemistry and food biotechnology.

What does it take?

Nutrition and food scientists require an interest in food and scientific study focused around a multidisciplinary knowledge of chemistry, microbiology, nutrition, biochemistry, physiology and food quality and regulation, and food processing. In addition, they must possess a variety of personal skills and qualities including competent scientific verbal and written communication skills, problem-solving attributes, creative thinking, and the ability to work independently as well as collaboratively. A passion for food, leadership skills and a high level of accuracy are also required to succeed in the profession.

Who will employ me?

The growing awareness of nutrition and food quality as determinants of human wellbeing assures graduates of employment opportunities where they can make positive contributions to public health. Nutrition Science graduates may be employed as research scientists in CSIRO, universities or hospitals, as nutrition advisers in government offices for Public Health and Ageing or Human Services, as nutrition communicators or policy evaluators, or in the role of providing nutrition support and advice to medical foundations (e.g. the Cancer Council or Heart Foundation). In addition, graduates may be employed by the food industry for product formulation and nutrition advice, as well as marketing of functional foods and preparation of health claims on their functional products. Food Science

graduates may be employed by food manufacturers and testing laboratories, as well as in the public sector. Typically, graduates initially work in laboratories monitoring food quality while learning about the production side. They may then work on the development and maintenance of food safety plans, or investigations of food poisoning outbreaks or food spoilage case studies. Other graduates may work in product development and sensory analysis of foods. These professional developments involve a mix of laboratory, processing and possibly consumer interactions. Local firms that employ UniSA food scientists include Lion Nathan Australia Pty Ltd Brewing Company and Cooper's Breweries, wineries including Orlando-Wyndham and Yalumba, National Foods, Dairy Farmers, Safcol, Balfours, Spring Gully, CopperPot, SA Water, Jurlique International, Mayne Pharma, CSIRO, and Food Science Australia.

Professional recognition

The Australian Institute of Food Science and Technology recognises graduates for membership. The Nutrition Society of Australia recognises graduates for registration as at least an Associate Nutritionist (ANutr) initially, leading to Registered Nutritionist (RNutr), usually after three years of relevant experience.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes**Australian National Police Certificate**

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Program requirements**FIRST YEAR****First Half****(Study Period 1, 2 or 3)**

Chemistry in Life 100

Communication in Biosciences 100

Health and Society

Biological Science 100

Second Half**(Study Period 4, 5 or 6)**

Chemistry in Life 101

Statistics for Laboratory Sciences 101

Biological Science 101

Sensory Analysis of Foods 101

SECOND YEAR - FOOD SCIENCES STREAM**First Half****(Study Period 1, 2 or 3)**

Introductory Microbiology

Biochemistry N 200

Physiology N 200

Human Nutrition

Second Half**(Study Period 4, 5 or 6)**

Food Composition and Functions

Food Microbiology 201

Lifespan Physiology and Biochemistry

Elective 1

SECOND YEAR - NUTRITION STREAM**First Half****(Study Period 1, 2 or 3)**

Introductory Microbiology

Biochemistry N 200

Physiology N 200

Human Nutrition

Second Half**(Study Period 4, 5 or 6)**

Food Composition and Functions

Food Microbiology 201

Lifespan Physiology and Biochemistry

Nutrition, Exercise and Weight Management

THIRD YEAR - FOOD SCIENCES STREAM**First Half****(Study Period 1, 2 or 3)**

Food Quality and Regulation

Nutrition Communication and Food Studies

Food Processing and Manufacturing

Analysis of Foods

Second Half**(Study Period 4, 5 or 6)**

Food Microbiology 301

Food Biotechnology

Functional Foods, Nutraceuticals and Medicines

Elective 2

THIRD YEAR - NUTRITION STREAM**First Half****(Study Period 1, 2 or 3)**

Food Quality and Regulation

Nutrition Communication and Food Studies

Food Processing and Manufacturing

Elective 1

Second Half**(Study Period 4, 5 or 6)**

Functional Foods, Nutraceuticals and Medicines

Elective 2

Plus choose 2 courses from the following:

Managing Health and Well being Project

Sports Nutrition

Health Promotion



Elise Schild

Graduated - Bachelor or Applied Science (Food Science & Nutrition)

Employment - Quality and Product Development Officer, Australian Wholefoods

Program now called Bachelor of Nutrition and Food Sciences

'If you are interested in food and its properties, then this program is perfect as it provides the perfect knowledge base for working in the food industry, whether it be in manufacturing, technical, laboratory or Quality Assurance. It teams practical food science with an understanding of nutrition.'

The diversity opens many doors to graduates and with the increasing demands of food industry standards, I think there will be an even greater need for food science graduates to develop functional foods and provide greater technical assistance.

Visiting food manufacturing sites was a great way to gain an understanding and see how our knowledge fits into the industry. The Product Development Project was a major component of our study, which involved developing a new product with a functional food focus.

I am now working at Australian Wholefoods in Quality Assurance and Product Development.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Pharmaceutical Science

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide

visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus

Cnr Frome Rd & North Tce

For more information and to register,

visit unisa.edu.au/infosessions

SATAC code	414331
UniSA program code	IBPA
CRICOS code (international students only)	060209G
ATAR (February 2011 cut-off)	80.05
Program length	3 years
Prerequisites	Obtain an achievement score of 10 or better in Stage 2 Chemistry OR Biology OR Physics; or an equivalent qualification in one or more of these subjects
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$23,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The scientific disciplines that underpin the discovery, development, formulation, approval, evaluation, marketing and use of medicines form the basis of the Bachelor of Pharmaceutical Science. Australia's pharmaceutical industry is growing and the broadening job market requires graduates with a strong skill set in the pharmaceutical sciences. This degree allows graduates to enter exciting roles in the pharmaceutical industry in diverse areas like drug development and clinical trials, manufacturing and production, sales and marketing, as well

as management. This degree also leads on to the Bachelor of Pharmaceutical Science / Bachelor of Pharmacy double degree, which prepares graduates to become a Registered Pharmacist.

What will I study?

The first year of the program provides a solid foundation in the basic sciences, preparing students for second- and third-year courses, which specifically cover pharmaceutical sciences in relation to the formulation and manufacture of pharmaceuticals, relevant biological sciences including physiology and pharmacology, and the processes of drug discovery

and development through to eventual commercialisation. There is also strong emphasis on career development within the first year, which is continued throughout the rest of the degree. This program uniquely focuses on the development and commercialisation of a range of pharmaceutical products such as injections, tablets, creams and ointments. In addition to the core courses, students are able to choose electives, allowing them to gain specialist knowledge leading to specific career paths such as research and development (including drug discovery), manufacturing and pharmaceutical chemistry (including quality control), drug development (including clinical trials), and professional or business roles (including sales, marketing, legal, regulatory and drug information). There is a focus on developing communication skills and liaison with industry via the "Pharmaceutical Industry Experience" course, which includes the completion of an industry project or placement within the student's area of interest.

What does it take?

The Bachelor of Pharmaceutical Science is a broad-based degree that requires students to understand each stage of a drug's life, from its initial discovery right through to its eventual use within the general population. Therefore it is essential that the student has an interest in science, as well as the ability to consider the varied commercial, marketing and legal issues that apply to the pharmaceutical industry. Good written and verbal communication skills are a key part of this.

Throughout the degree, there is an emphasis on the development of research skills. These include basic laboratory techniques, experimental design, data interpretation, and literature retrieval. This requires students with initiative, good problem-solving skills and an analytical mind. A strong personal work ethic and the ability to work in teams are also important.

Who will employ me?

Pharmaceutical science graduates will have the skills to work in a range of areas within the pharmaceutical industry, including drug discovery, formulation development and evaluation (pharmaceutics), quality control, clinical trials, manufacturing and sales. With a broad understanding of how medicines can be used to improve the quality of human and animal life, graduates are also equipped with skills to take on professional roles in many areas. These include the marketing and sales of medicines for human or veterinary use, the evaluation of medicines by government regulatory agents, the identification and measurement of drugs by analytical laboratories, the conduct of clinical trials to test the efficacy of medicines in patients, and the interrogation of medicine usage and health outcome information to best inform health expenditure. There is a shortage of pharmaceutical scientists, both nationally and internationally, with employment available in a number of areas including hospitals, pharmaceutical companies, contract research organisations, regulatory agencies, and a growing number of research areas covering the use of

medicines. The pharmaceutical sector is rapidly expanding at the national and international level.

Professional recognition

Graduates may apply for individual registration with the Royal Australian Chemical Institute (RACI) and other relevant professional bodies.

Double Degree

Students who enter into either the Bachelor of Pharmaceutical Science or Bachelor of Pharmacy degrees may become eligible to enter the double degree, Bachelor of Pharmaceutical Science / Bachelor of Pharmacy. Eligibility to the double degree will be dependant on academic performance on completion of the first two years of study for either program.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Chemistry 100

OR

Chemistry in Life 100

Biological Science 100

Health and Society

Marketing Principles:

Trading and Exchange

Second Half

(Study Period 4, 5 or 6)

Chemistry 101

OR

Chemistry in Life 101

Biological Science 101

Pharmaceutical Industry

Quantitative Methods In Health

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Pharmaceutical Science 1

Physiology N 200

Drug Discovery

Elective

Second Half

(Study Period 4, 5 or 6)

Pharmaceutical Science 2

Pharmacokinetics and

Biopharmaceutics P 201

Drug Development

Elective

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Pharmaceutical Science 3

Pharmacology 300

Pharmaceutical

Commercialisation

Elective

Second Half

(Study Period 4, 5 or 6)

Pharmaceutical Science 4

Pharmacology 301

Pharmaceutical Industry

Experience

Elective

Elective Options

Research and Development/

Manufacturing stream

Biosciences streams

Business Principles stream



Bruno Carbone

Graduated - Bachelor of Pharmaceutical Science

'This program offers a lot for students with an interest in medicine and the pharmaceutical industry; and is the only one of its type in South Australia.

We undertake practicals every week and gain exposure to all areas of the pharmaceutical industry from drug discovery to drug commercialisation. I really enjoy the diversity of the degree; you can tailor it to your interests through the electives you choose. I have chosen electives related to biology and chemistry because I like these fields.

Lecturers have great experience and a genuine interest in our future careers, and we are fortunate to have access to specialist equipment including tableting presses.

In my final year, I undertook a seven week placement that really allowed me to challenge my skills. When I graduate I hope to find a job in the clinical area of the pharmaceutical industry.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Pharmacy

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/penday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414101
UniSA program code	IBPH
CRICOS code (international students only)	006728M
ATAR (February 2011 cut-off)	95.40
Program length	4 years
Prerequisites	Stage 2 SACE Chemistry or equivalent for all applicants.
Assumed knowledge	Stage 2 Mathematical Studies or Specialist Mathematics.
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$28,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Pharmacy as a profession is concerned with providing primary health care, promoting the quality use of medicines by consumers, providing drug information, reviewing medication regimens, manufacturing and dispensing drugs; ordering, storing and safeguarding drugs, controlling and supervising the distribution of drugs, and undertaking research in selected settings. In a rapidly evolving health system, pharmacists will need to embrace new roles and to be prepared to undertake continuing development of their professional skills. The Bachelor of Pharmacy prepares students for a professional career in community, hospital or industrial pharmacy and allied industries.

The program offers the chance to gain broad training in physical and biological sciences, knowledge of drugs and their effects and the application of this knowledge to the individual, the ability to provide advice and pharmacy care to consumers, and a scientific approach, which will permit critical appraisal of developments in pharmaceutical sciences.

What will I study?

The program places a strong emphasis on the development of sound therapeutic knowledge and good communication skills. In addition to the coursework components of the program, students also undertake a number of compulsory experiential placements in community and

hospital pharmacies during their studies. The first two years of the program provide a comprehensive coverage of biological, chemical and pharmaceutical sciences in addition to developing the skills needed for ethical pharmacy practice in a changing world. Within these two years, students also focus on the study of common disease states and the drugs to treat them. Students consolidate their knowledge and skills in the third and fourth years with study of the major discipline of pharmacotherapeutics, learning more about research methods and information gathering techniques, and by continuing to explore the many facets of pharmacy practice.

What does it take?

Pharmacy students need to have an interest in the health and wellbeing of individuals and the community, and be prepared to develop the skills and knowledge to perform this role effectively. They also need to have an interest in, and an aptitude for, the physical sciences and acknowledgement of the significance of the social sciences in the development of a health professional. The ability to work without supervision and with a high degree of accuracy is essential, as is a willingness to develop high level problem-solving skills.

Who will employ me?

A degree in Pharmacy will lead to a professional career in a variety of settings. With employment available locally and internationally in settings such as community practice, hospital practice, and pharmaceutical development and research, pharmacists have a choice of exciting and diverse work

and lifestyle opportunities. In community and hospital settings, pharmacists prepare, supply and monitor medicines and their use. They also provide drug information and advice on use of medicines to consumers and other health professionals, and may have the opportunity to participate in clinical research. Some pharmacists in the community also provide these services as private consultants. In industry, pharmacists are involved in the development, testing, manufacture, evaluation and quality control of drugs. Pharmacists are also employed by regulatory authorities and in academia.

Professional accreditation

The program is accredited with the Australian Pharmacy Council. Successful completion satisfies the academic requirements for registration as a pharmacist with the Pharmacy Board of Australia. Eligibility for registration is determined but the Pharmacy Board of Australia and includes a suitably recognised and appropriate period of supervised training.

Double Degree

Students who enter into either the Bachelor of Pharmaceutical Science or Bachelor of Pharmacy degrees may become eligible to enter the double degree, Bachelor of Pharmaceutical Science / Bachelor of Pharmacy. Eligibility to the double degree will be dependant on academic performance on completion of the first two years of study for either program.

Honours

A limited number of high achieving students will be eligible to enter the Honours stream within the final year

of the program. Students who successfully complete the Honours program will be awarded the Bachelor of Pharmacy with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student Registration

Student registration with the Pharmacy Board of Australia is required in order to study this program. Students who do not meet registration criteria and are refused registration by the Board, or who have their registration rescinded during the program, will be unable to continue in the program. The registration process will commence following initial enrolment, and further information will be provided by the University with offer letters.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Chemistry 100

Human Physiology 100

Health and Society

Pharmacy Practice 1A

Second Half

(Study Period 4, 5 or 6)

Chemistry 101

Human Physiology 101

Quantitative Methods in Health

Pharmacy Practice 1B

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Pharmacology and Pathophysiology 1

Dosage Form Design P1

Pharmacokinetics and Biopharmaceutics P201

Second Half

(Study Period 4, 5 or 6)

Pharmacology and Pathophysiology 2

Dosage Form Design P2

Pharmacy Practice 2

THIRD YEAR

First Half

(Study Period 1, 2 or 3)

Pharmacotherapeutics Practice 1A

Pharmacotherapeutics Theory 1

Dosage Form Design P3

Quality Use of Medicines

Second Half

(Study Period 4, 5 or 6)

Pharmacotherapeutics Practice 1B

Pharmacotherapeutics Theory 2

Dosage Form Design P4

Elective

THIRD YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Pharmacotherapeutics Practice 1A

Pharmacotherapeutics Theory 1

Dosage Form Design P3

Quality Use of Medicines

Second Half

(Study Period 4, 5 or 6)

Pharmacotherapeutics Practice 1B

Pharmacotherapeutics Theory 2

Dosage Form Design P4

Research and Evidence in Pharmacy

FOURTH YEAR

First Half

(Study Period 1, 2 or 3)

Pharmacy Practice 3A

Advanced Therapeutics

Professional Placement

Second Half

(Study Period 4, 5 or 6)

Pharmacy Practice 3B

Nutrition and Therapeutics

Issues in Contemporary

Pharmacy Practice

Pharmacy Management Essentials

FOURTH YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Pharmacy Practice 3A

Pharmacy Honours Project

Advanced Therapeutics

Second Half

(Study Period 4, 5 or 6)

Pharmacy Practice 3B

Professional Placement



Huilin Zhou

3rd year Bachelor of Pharmacy

'I have always had a keen interest in medicine and health, and I thought a career in pharmacy would allow me to make a valuable and positive impact on my community.'

This program at UniSA is extremely hands-on and versatile. The teaching focuses on preparing students not only with the knowledge of drugs and their effects, but also the critical skills required to apply this knowledge to consumers. Combining theoretical and practical learning ensures graduates can readily apply their training and knowledge in professional careers immediately.

Studying at UniSA is a great experience and includes social aspects with many student associations and UniLife clubs, to bring students together in a fun and exciting atmosphere.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Physiotherapy

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414112
UniSA program code	IBPZ
CRICOS code (international students only)	006729K
ATAR (February 2011 cut-off)	98.80
Program length	4 years
Prerequisites	None
Assumed knowledge	Stage 2 SACE Biology and Stage 2 SACE Physics
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	No
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$25,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Physiotherapy is concerned with assessing, treating and preventing human movement disorders, restoring normal function or minimising dysfunction in adults and children with physical impairment, preventing injuries and disability in the workplace, at home, or during recreational activities, and promoting community health for all age groups. The Bachelor of Physiotherapy degree prepares students for a professional career in physiotherapy and enables them to enter professional practice in various fields including women's and children's health, outpatient, acute care, sports, musculoskeletal and geriatric physiotherapy. The program provides a balanced education in related areas of medical science, humanities and physiotherapy

practice and promotes attitudes of evidence based practice and problem solving. A Graduate Entry program is available for graduates of other bachelor degrees who wish to enter the profession of physiotherapy. With the appropriate foundation in specific disciplines, graduates may apply for the Master of Physiotherapy (Graduate Entry) program.

What will I study?

Courses in all years of the program fall within Biophysical Science and Professional Studies. A major focus in the early years of the program is the study of normal movement. The basic medical science courses of human anatomy and physiology introduce students to the skills and knowledge they need to develop throughout the program.

The remainder of the program deals with abnormal movement and the nature and application of physical modalities and interventions used in prevention and treatment of disease and disability. Students are trained not only as members of the healthcare team concerned with the physical and psychosocial rehabilitation of sick and disabled people, but also as first-contact practitioners concerned with prevention of disability and illness in the workplace, community and recreational pursuits. This program also requires participation in laboratory classes where manual skills and topics such as surface anatomy are presented. Students gain a range of practical experiences by undertaking extensive clinical placements at both the university-based Physiotherapy Clinic located at the City East campus and within a variety of metropolitan, rural and regional settings. Students will spend at least one of their placements outside Adelaide in a country or interstate location and will also be required to undertake placements outside of teaching weeks.

What does it take?

People considering physiotherapy as a career should be mature and have the ability to examine and solve complex problems, to make decisions and to act on them. They should also be able to communicate readily with people of all ages and backgrounds. A genuine desire to assist sick and injured people is important, along with patience, manual dexterity and the capacity for hard work. A good level of physical fitness and general health is also beneficial in this profession. Physiotherapists are first-contact practitioners and therefore also need sound clinical

reasoning and diagnostic skills.

Who will employ me?

Graduates are advised to first gain experience in hospitals, as this allows them to acquire skills and experience in various fields of work in situations where advice and help is readily available. After this general experience many physiotherapists choose to practise in a specific area of interest. Physiotherapists may work in public and private hospitals, women's health services, private practice, community health centres, special centres for people with physical disabilities, day-care centres and nursing homes, in-home care services, sports centres and with sporting teams, schools and preschools, mental health services, factories and offices, and occupational health units. Physiotherapists can find employment as part of a healthcare team or as first-contact practitioners who treat patients who have not been referred by a doctor. In addition, physiotherapists can work in research centres or be involved with research as part of their every day work.

Professional accreditation

The program is accredited by the Australian Physiotherapy Council and satisfies the academic requirements for registration as a physiotherapist with the Physiotherapy Board of Australia.

Honours

Students who achieve grades of credit and above in the courses that make up the first and second years of the program may be considered for honours study. Students who successfully complete the Honours program will be awarded a Bachelor of Physiotherapy with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) is required. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. The registration process will commence following initial enrolment and further information will be provided by the University with offer letters.

Program requirements

FIRST YEAR

First Half

Study Period 1, 2 or 3

Human Anatomy 100

Human Physiology 100

Foundations of Health

Physiotherapy Studies 100

Study Period 4, 5 or 6

Human Anatomy 101

Human Physiology 101

Evidence Based Practice 1

Physiotherapy Studies 101

SECOND YEAR

First Half

Study Period 1, 2 or 3

Neuroscience

Physiotherapy Studies 200

Exercise Physiology 1

Evidence Based Practice 2

Second Half

Study Period 4, 5 or 6

Sociology of Health

Physiotherapy Studies 201

Physiotherapy Clinical Studies 201

Lifespan Growth and

Development

THIRD YEAR

First Half

(Study Period 1, 2 or 3) or

(Second half)

Primary and Ambulatory

Care in Physiotherapy

Rehabilitation

Second half

(Study Period 4, 5 or 6) or

(First half)

Acute Care

Physiotherapy with Children

Pain Sciences

THIRD YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Health Science Honours

Preparation

Primary and Ambulatory

Care in Physiotherapy

Rehabilitation

Second Half

(Study Period 4, 5 or 6)

Acute Care

Physiotherapy with Children

Pain Sciences

FOURTH YEAR

First Half

(Study Period 1, 2 or 3) or

Second Half

(Study Period 4, 5 or 6)

Occupational Health and Safety

in Physiotherapy Practice

Advanced Rehabilitation

Health Promotion in

Physiotherapy B

Second Half

(Study Period 4, 5 or 6) or

First Half

(Study Period 1, 2 or 3)

Advanced Physiotherapy Practice

Evidence Based Practice 3

Ethics and Communication

Elective

FOURTH YEAR WITH HONOURS

First Half

(Study Period 1, 2 or 3)

Advanced Rehabilitation

Health Promotion in

Physiotherapy B

Second Half

(Study Period 4, 5 or 6)

Health Science Honours Thesis

Advanced Physiotherapy Practice

Ethics and Communication



Genevieve Handley

Graduated - Master of Physiotherapy (Graduate Entry)

'Physiotherapists work in a wide range of areas including rehabilitation, hospitals, private practice and with children, so there are lots of areas that you can work in throughout your career.'

I really enjoy the hands on practical experience in hospitals and clinics, as this is a great way to learn.

There are many job opportunities in physiotherapy and most people graduating from my program gained employment easily. I feel that the course prepares us well for the workforce and I am hoping for a long career as a sports physiotherapist.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Podiatry

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	414321
UniSA program code	IBOP
CRICOS code (international students only)	008312G
ATAR (February 2011 cut-off)	91.50
Program length	4 years
Prerequisites	None
Assumed knowledge	SACE Stage 2 Chemistry and Biology
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	No
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$24,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Podiatry is concerned with diagnosing and treating disorders of the foot and lower leg. The Bachelor of Podiatry program trains students for a professional career in podiatry and will enable them to work in private practice, hospitals or community health centres. With opportunities to participate in extensive clinical placements at the university-based Podiatry Clinic and within a variety of professional settings, students gain the valuable practical knowledge and skills required for modern podiatry practice.

What will I study?

The program provides education in basic physical and biological sciences, aspects of medicine and surgery relevant to diagnosing and treating foot abnormalities,

a comprehensive range of the theoretical and practical aspects of podiatry and social sciences appropriate to healthcare personnel. Much of the introductory clinical teaching is undertaken within a community clinic located on campus. All teaching and supervision within the clinic is undertaken by registered practising podiatrists. Students carry out podiatric assessment and treatment on members of the public in a range of clinical sessions, with the complexity of management increasing in each year of study. The Clinic gives students a broad educational and practical basis for understanding the practice of podiatry in areas including general practice, biomechanics, podiatry surgery and paediatrics. The experience students gain at the Clinic is supplemented

with wide exposure to learning and working in community-based clinics and hospitals in both the Adelaide metropolitan area and rural communities, including outreach clinics.

In addition, students undertake a range of community service activities involving the provision of screening, education and treatment services in rural and remote areas under the supervision of university staff. Students undertake over a thousand hours of clinical placements during their program.

What does it take?

Students must have an interest in, and aptitude for, working with people on a one-to-one basis, promoting wellbeing and the healthcare profession in general. A podiatrist must be able to communicate with people of all ages and backgrounds, and should be highly motivated and able to work autonomously. Given the hands-on nature of this work, excellent manual dexterity is an essential requirement.

Who will employ me?

Podiatrists work in private practices, hospitals, community health centres and domiciliary care services. Graduates may initially work as assistants in private practices, often leading to opening their own private practice after a short period. After completing their undergraduate studies, podiatrists may have a particular interest in dealing with certain client groups, for example children, older people or sports people; working in areas such as occupational health or specialising in general medical conditions that result in problems of the feet and legs. Opportunities exist for podiatrists

with these interests to pursue further tertiary studies to enhance their employment prospects.

Professional Accreditation

The program is recognised for registration as a podiatrist with the Australian Health Practitioner Regulation Agency (AHPRA).

Honours

Students who achieve grades of credit and above in the courses that make up the first and second years of the program may be considered for honours study. Students who successfully complete the Honours programs will be awarded a Bachelor of Podiatry with Honours.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) is required. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. The registration process will commence following initial enrolment and further information will be provided by the University with offer letters.

Program requirements**FIRST YEAR****First Half****(Study Period 1, 2 or 3)**

Human Anatomy 100

Human Physiology 100

Foundations of Health

Podiatry Clinical Studies 100

Second Half**(Study Period 4, 5 or 6)**

Human Anatomy 101

(Lower Limb)

Human Physiology 101

Podiatry Clinical Studies 101

Evidence Based Practice 1

SECOND YEAR**First Half****(Study Period 1, 2 or 3)**

Podiatry Clinical Studies 200

Pharmacology and

Pathophysiology 1

Evidence Based Practice 2

Second Half**(Study Period 4, 5 or 6)**

Pharmacology and

Pathophysiology 2

Podiatry Clinical Studies 201

Podiatry Practice 201

THIRD YEAR**First Half****(Study Period 1, 2 or 3)**

Evidence Based Practice

in Health Care

Applied Podiatry Practice 300

Podiatry Clinical Studies 300

Second Half**(Study Period 4, 5 or 6)**

Elective

Podiatry Clinical Studies 301

Applied Podiatry Practice 301

THIRD YEAR WITH HONOURS**First Half****(Study Period 1, 2 or 3)**

Applied Podiatry Practice 300

Podiatry Clinical Studies 300

Health Sciences Honours

Preparation

Second Half**(Study Period 4, 5 or 6)**

Elective

Podiatry Clinical Studies 301

Applied Podiatry Practice 301

FOURTH YEAR**First Half****(Study Period 1, 2 or 3)**

Clinical Biomechanics 400

Podiatry Clinical Studies 400

Podiatry Practice 400

Second Half**(Study Period 4, 5 or 6)**

Clinical Biomechanics 401

Podiatry Practice 401

Podiatry Research Project 401

FOURTH YEAR WITH**HONOURS****First Half****(Study Period 1, 2 or 3)**

Clinical Biomechanics 400

Health Sciences Honours Thesis

Podiatry Practice 400H

Podiatry Clinical Studies 400

Second Half**(Study Period 4, 5 or 6)**

Clinical Biomechanics 401

Podiatry Practice 401



John Arnold

Graduated - Bachelor of Podiatry (Honours)

'I would recommend the program to any prospective student interested in medicine and health science. I believe Podiatry is a field that offers one of the most diverse sets of experiences and the broadest scope of practice of all the medical professions. The Podiatry program at UniSA prepares students and gives them the knowledge and experience they need to succeed as health professionals.'

A particular highlight of my program was the amount of contact with staff members, with countless opportunities to interact with tutors and lecturers on a one-to-one basis.

A major strength is practical experience gained through undertaking work at the Podiatry clinic based at the University, as well as external placements either in metropolitan, rural or remote settings. These are invaluable in preparing students to become independent clinicians and to start operating in the workforce.

Podiatry is not often one of the first careers people think about, but I think with the absolute impact of an ageing population and diabetes on lower limb conditions yet to be felt, Podiatry will become more prominent within the health care system in the future.'

(08) 8302 2376 or 1300 UNINOW
study@unisa.edu.au

Bachelor of Nursing (Pre-registration) – Mount Gambier, Whyalla

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	474031 (Mount Gambier) 464071 (Whyalla)
UniSA program code	WBNU
CRICOS code (international students only)	040661J
ATAR (February 2011 cut-off)	67.30 Mount Gambier 66.85 Whyalla
Program length	3 years
Prerequisites	None
Assumed knowledge	None
Home campus	Mount Gambier/Whyalla
Accepts Special Entry (STAT)	Yes
External study available	No
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	Yes
Program fees	Commonwealth Supported
Program fees (international students only)	A\$21,000 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Nurses are the largest group of health professionals, both in Australia and internationally, and have an important influence and role in healthcare delivery and policy development. In particular, the role of the nurse is central to enhancing the quality of life for individuals across their lifespan. The Bachelor of Nursing program has been designed to prepare nurses to meet healthcare delivery requirements for the 21st century and respond to Australian and international healthcare trends. The program prepares students to deliver sound and effective nursing care based on an understanding of the socio-political and biophysical influences of health and illness. The program is based on the identified needs and

competencies defined by the World Health Organisation, the Australian Government's National Health Priority Areas and the Australian Nursing and Midwifery Council. The programs at Whyalla and Mount Gambier will also further develop an understanding of rural and remote area communities and how to meet their diverse health needs.

What will I study?

Foundation courses provide students with an understanding of the socio-political and biophysical determinants of health and illness. In response to the healthcare needs and priorities of the Australian and international population, the concepts of aged care, chronic illness, mental health and Indigenous health are integral

to this program. Students will develop an understanding of client-centred care and lifespan development as applied to nursing roles, while undertaking courses in the areas of child, adult and older-adult health. As well as contemporary theory content, students undertake a range of practical learning experiences. They are involved in simulation-based learning in nursing laboratories on campus, as well as placements in metropolitan, rural and potentially international healthcare delivery settings. These activities equip students with the necessary nursing skills for professional practice.

What does it take?

Students should be good communicators and have empathy for others. They need to enjoy a challenge, be problem solvers, perceptive, and willing to develop their leadership and management skills. Basic computing skills are important in accessing the online learning environment. Clinical placements are undertaken on a full-time basis and require shift work. Students undertake over 1000 hours of clinical placements. Students enrolled externally are required to attend intensive on-campus workshops for some courses.

Who will employ me?

Nurses make vital contributions to society through a variety of ways including health promotion, education, administration and research. Nurses work in a variety of healthcare settings, including community support centres, hospitals, aged and rehabilitative care facilities, industrial sites, schools and the homes of individuals. Nurses will also find employment in drug

and alcohol treatment centres, prisons and community health and welfare organisations such as Asthma SA, and the Royal District Nursing Service (RDNS). Currently there is a high employment demand for registered nurses in Australia. This is happening against a backdrop of Australia's changing demography and health profile: the ageing population and increased burden of chronic illness creates an even greater need for nurses. These changes in the environment explain the number and variety of opportunities available to graduates. A future in nursing opens the door to many career paths and the possibility for geographic mobility.

Professional accreditation

Graduates satisfy the academic requirements for registration as a General Nurse with the Nursing and Midwifery Board of Australia. The requirements for registration are determined by the Board.

Honours

Students obtaining a credit level average or higher may be accepted into an Honours program and, depending on results, may be eligible to proceed to postgraduate research degree study.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Student registration

Student registration with the Australian Health Practitioner Regulation Agency (AHPRA) is required. Students who do not meet registration criteria and are refused registration by AHPRA, or who have their registration rescinded during the program, will be unable to continue in the program. The registration process will commence following initial enrolment and further information will be provided by the University with offer letters.

Program requirements**STAGE 1 - KNOWLEDGE, SKILLS AND ATTITUDES FOR UNDERSTANDING****First Half**

Being a Health Professional

Lifespan Development

Human Body 1

Second Half

Human Body 2

Determining Australia's Health

Cultural Perspectives on Health

STAGE 2 - KNOWLEDGE, SKILLS AND ATTITUDES FOR INTERVENTION**First Half**

Health of Infants, Children and Young People

Health of Adults

Scientific Basis of

Clinical Practice 1

Second Half

Health of Older Adults

Scientific Basis of

Clinical Practice 2

Experiential Learning

Activity – Practicum 1

STAGE 3 - KNOWLEDGE, SKILLS AND ATTITUDES FOR PROFESSIONAL PRACTICE**First Half**

Experiential Learning

Activity – Practicum 2

Systems and Organisations of Nursing Care

Second Half

Contexts of Nursing Practice

Experiential Learning

Activity – Practicum 3



Associate Degree in Health Science

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	415031
UniSA program code	ITHS
CRICOS code (international students only)	070933G
ATAR (February 2011 cut-off)	55.25
Program length	2 years
Prerequisites	None
Assumed knowledge	None
Home campus	City East
Accepts Special Entry (STAT)	Yes
External study available	Yes
Part-time study available	Yes
TAFE credit available	Yes
Honours study available	n/a
Program fees	Commonwealth Supported
Program fees (international students only)	A\$20,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

The Associate Degree in Health Science equips students with the knowledge, skills and behaviours required to work as a para-health professional in roles that support professional health practitioners. The program aims to provide a pathway into specified degree programs (eg Bachelor of Nursing), allowing graduates to advance their qualification in a desired specialist field upon completion of the Associate Degree.

The Associate Degree is designed to prepare para-health professionals to meet new healthcare delivery models for the 21st century.

What will I study?

The concepts of health, life span development, information literacy, communication, biophysical determinants of health and illness, health assessment and promotion, nutrition, exercise, mental health and Indigenous health are themes covered in the first common year of the program. As well as contemporary theory content, students undertake a range of practical learning experiences. They are involved in simulation-based learning in nursing laboratories on campus as well as undertake field visits and clinical placements. These activities equip students with the necessary nursing skills for para-professional practice.

What does it take?

Students should be good communicators and have empathy for others. They need to enjoy a challenge, be problem solvers, perceptive, and willing to be good team players. Basic computing skills are important in accessing the online learning environment. Fieldwork placements of 30 hours, which includes up to three field work experiences, occur toward the end of first year. Clinical placements are undertaken as two full-time blocks. Professional Practice 1 is a six-week placement in the first half of second year and Professional Practice 2 is a six-week placement in second half of second year. Clinical placements must be completed on a full-time basis and students must be prepared to undertake placements in South Australia, as interstate placement may not be available. Students enrolled externally are required to attend intensive on-campus workshops for some courses.

Who will employ me?

Graduates of the Associate Degree in Health Sciences will work as para-health professionals in a variety of health related fields. Typically, para-health professionals work under the supervision of an authorised health professional to provide supportive care across a continuum of contexts that includes:

- keeping people healthy through primary health care
- health promotion
- injury prevention and disease management
- contributing to curative processes where possible
- providing supervised acute, palliative and rehabilitative services across the lifespan.

The curriculum is designed around the University's seven graduate qualities and, where applicable, professional practice standards so that students progressively build on knowledge and skills integral to developing the range of learning outcomes and skills required for competent supervised contemporary practice as a para-health professional.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Human Health

Communication in Health Science

Australia's Health Care System

Human Body 1

Second Half

(Study Period 4, 5 or 6)

Human Body 2

Foundations of Exercise

and Nutrition

Lifespan Development

Preparation for Practice

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Fundamentals of Practice

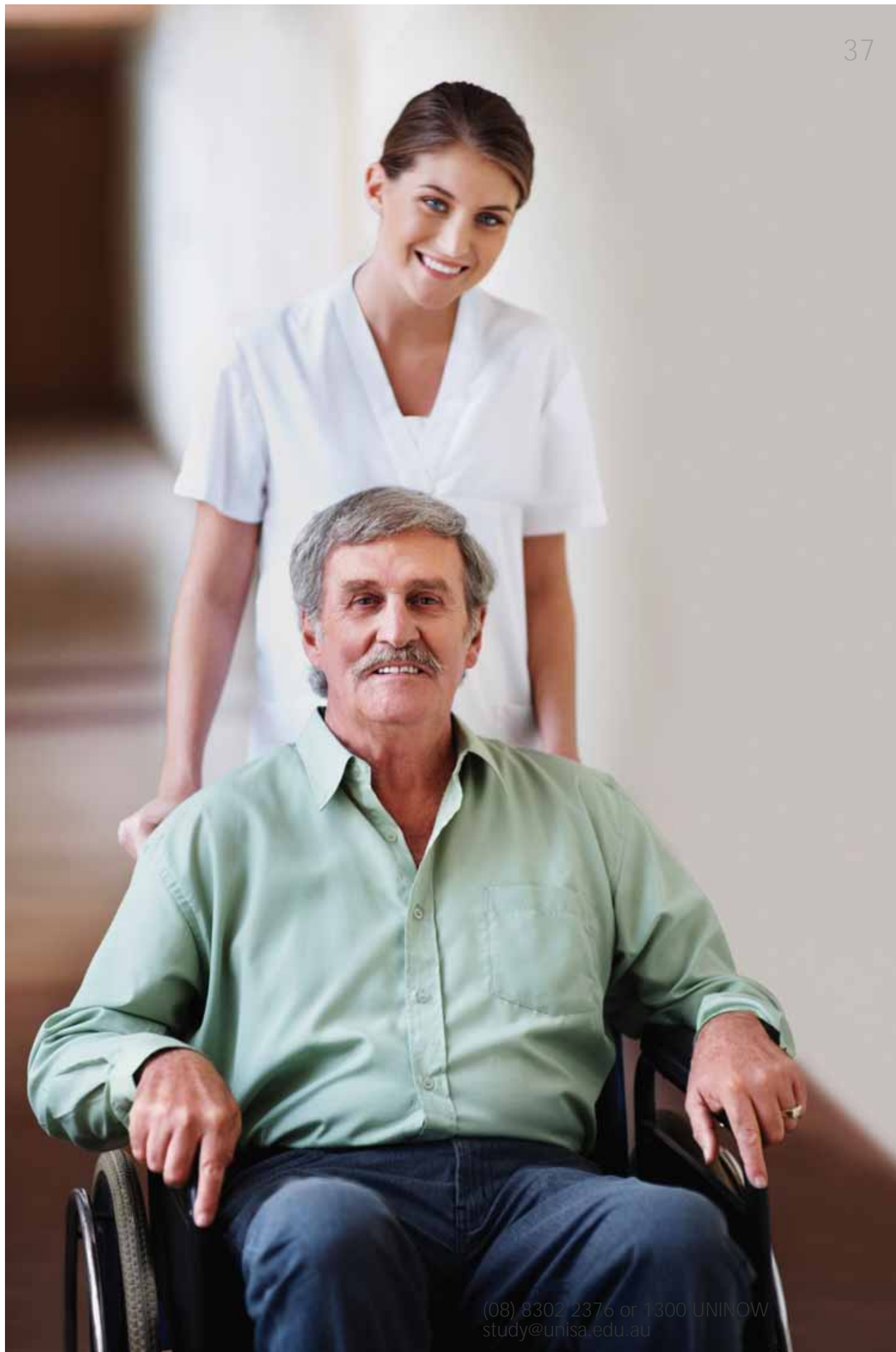
Professional Practice 1

Second Half

(Study Period 4, 5 or 6)

Health Care Practice

Professional Practice 2



Master of Dietetics

Open Day 2011

City West Campus: Sunday 21 August, 70 North Terrace, Adelaide
visit unisa.edu.au/openday

Program Information Session 2011 – Health: the Inside View

Sunday September 11, 1-5pm City East Campus
Cnr Frome Rd & North Tce

For more information and to register,
visit unisa.edu.au/infosessions

SATAC code	4CM104
UniSA program code	IMDT
CRICOS code (international students only)	071954F
Program length	2 years
Home campus	City East
Program fees	Commonwealth Supported
Program fees (international students only)	A\$26,500 per annum
Scholarships available	unisa.edu.au/scholarship

Program overview

Dietitians prevent and treat food, nutrient and diet related health problems by applying the science of human nutrition to promote healthy eating habits, recommend dietary modifications, and help people understand food and health relationships.

The Master of Dietetics program has been designed to provide thorough theoretical knowledge and practical skills covering all aspects of human nutrition, including food science, nutritional science, clinical nutrition, public health, community nutrition and health education. The program encourages an evidence-based approach to learning and research, with on-campus purpose-built facilities including laboratories and kitchens. The University has strong links with hospitals and other health and community organisations, as well as an established research institute -

the Sansom Institute for Health Research, which contributes to dietetic, nutrition and medical science research programs.

Graduates of a Dietitians Association of Australia accredited program are eligible for DAA membership and to participate in the Accredited Practising Dietitians (APD) Program for employment as an accredited dietitian in all states and territories of Australia.

What will I study?

The study and clinical experience focuses on nutrition and disease, communication and nutrition application in the community and public health, translating nutrition into food practice, management in dietetics and food service, research and evaluation in dietetics and evidence based practice. Fully supervised clinical training placements in hospitals, public health and community settings enable students to develop the

competency standards required while experiencing a diverse range of metropolitan, rural and remote health settings.

Entry Requirements

Applicants normally would have completed a recognised higher education program at Bachelor degree level or higher from a recognised higher education institution in a relevant cognate area; for example, Health or Medical Sciences, Nutrition and Food Science, Human Movement and Health Studies. The bachelor degree, or equivalent, must have been conferred within the past 10 years; and a GPA equal to, or greater than 5 in the program; and evidence (detailed course statement, program curriculum and academic transcript) of having successfully completed, at a recognised university, each of the following requirements: equivalent of two x 4.5 unit courses of biochemistry and equivalent of two x 4.5 unit courses of physiology.

Additional Notes

Australian National Police Certificate

All students in the Division of Health Sciences who undertake field or clinical placements, or participate in University clinics as part of their program, must have a current Australian National Police Certificate prior to the commencement of any placement or clinic activity. Further details will be provided prior to placement.

Program requirements

FIRST YEAR

First Half

(Study Period 1, 2 or 3)

Nutrition and Food Science

Sociology and Psychology of Nutrition Practice

Contemporary Topics in Nutrition and Dietetics

Second Half

(Study Period 4, 5 or 6)

Nutrition and Disease 1

Communication and Professional Practice

Nutrition Application in Community and Public Health

Translating Nutrition into Food Practice

SECOND YEAR

First Half

(Study Period 1, 2 or 3)

Nutrition and Disease 2

Management in Dietetics and Food Service

Research and Evaluation in Dietetic Practice

Nutrition and Disease 3

Second Half

(Study Period 4, 5 or 6)

Clinical Dietetic Practice

Community and Public Health Dietetic Practice

Application of Dietetic Practice in Food Service



Entry requirements

For Undergraduate Bachelor Degrees and Associate Degrees

Applicants are required to have:

- » Completed SACE;
- » Completed at least 80 credits of SACE at Stage 2 of which 60 must be Tertiary Admission subjects (TAS) and the other 20 either TAS, Recognised Studies or a mix of the two;
- » Completed any prerequisites for your chosen program;
- » Obtained a competitive ATAR;
- » Completed interstate or overseas qualifications that the University considers equivalent to the SACE;
- » Completed the International Baccalaureate Diploma;
- » Completed or partly completed a recognised higher education program at a recognised higher education institution;
- » Completed at least four Open Universities Australia (OUA) courses at the appropriate level;
- » Completed an award from TAFE or from another registered training organisation at AQF Certificate IV or above;

- » Qualified for Special Entry and completed the Special Tertiary Admissions Test (STAT). A personal competencies statement and/or employment experience may also be considered;
- » Completed the University Foundation Studies program.

Please note that some programs have prerequisites. Applicants should check all entry requirements before applying. For some programs, applicants may also be required to attend an interview or present a folio.

For more information on entry requirements, visit unisa.edu.au/future

Participation and Access

UniSA offers various programs and services to assist rural and/or socio-economically disadvantaged students, Indigenous Australians and people with a disability. For more information, contact (08) 8302 2376 or 1300 UNINOW or email study@unisa.edu.au

UniSA Advantage

UniSA Advantage is a bonus points scheme that encourages participation in education as well as rewards achievement in selected Year 12 subjects that better prepare students for university study. The scheme includes two strands – **Achievement and Aspire**.

Achievement bonus points will automatically be awarded if students score a C or better in Year 12 Tertiary Admission Subjects (TAS) relevant to their intended UniSA program. Find out more here www.unisa.edu.au/future/year12/bonuspoints

Aspire bonus points are awarded automatically to students who attend a school recognised by UniSA as 'under represented' with respect to students going on to higher education. Students from rural and remote areas are also eligible for automatic bonus points while those students on School Card (or state equivalent) and/or Youth Allowance, and do not attend a recognised school, can apply for bonus points by downloading an application form at www.unisa.edu.au/future/year12/bonuspoints

For more information, visit www.unisa.edu.au/future/year12/bonuspoints. You can also contact Future Student Enquiries by phone (08) 8302 2376 or 1300 UNINOW (local call cost) or email study@unisa.edu.au

Student contributions

Student contributions are the amount you pay towards the cost of your program. The University determines the amount that you contribute within a range set by the Australian Government. The contribution that applies depends on which courses you choose to study and the contribution band in which those courses are classified. The amount of your student contribution also depends on the unit value of your courses of study (the equivalent full-time student load (EFTSL) value of the course).

As per the Australian Government guidelines, the student contribution amounts for 2011 are:

Band	Fields of study	Student contribution
National priorities	Mathematics, statistics, science	\$0 – \$4,355
Band 1	Humanities, behavioural science (including clinical psychology), social studies, foreign languages, visual and performing arts, education, nursing	\$0 – \$5,442
Band 2	Computing, built environment, health (allied health and other health), engineering, surveying, agriculture	\$0 – \$7,756
Band 3	Law, dentistry, medicine, veterinary science, accounting, administration, economics, commerce	\$0 – \$9,080

Note: These amounts are for 1 EFTSL in 2011. The student contribution amounts for 2012 will be advised by the Federal Government in October 2011, and these will be available to view via unisa.edu.au/future/fees at that time.



UniSA

unisa.edu.au/careershop

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The University of South Australia reserves the right to alter, amend or delete any program, fee, course, admission requirement, mode of delivery or other arrangement, without prior notice.

CRICOS provider number 00121B

Information correct at time of printing, April 2011.