

Dea Pitasari from Indonesia graduated with a Bachelor of Pharmacy in 2007. She chose UQ because of its outstanding reputation in health sciences.

"The best thing about the Pharmacy program was that I could put my learning into real practice," she said.

"Starting from first-year, community placement programs allowed me to get practical experience.

"The facilities such as wet practical laboratories, dispensing laboratories, anatomy laboratories and libraries were very helpful in enhancing my learning and understanding."

UQ's Pharmacy program involves yearly placements in rural and community pharmacies and Queensland Health facilities.

Dea said she enjoyed the study atmosphere and way of life in Brisbane.

"Everything is well-organised and the people here are very friendly and helpful. I have made many friends at university from different countries and different cultural backgrounds," she said.

Dea is currently working as a pre-registration pharmacist in Brisbane where she is responsible for dispensing prescription medications, providing advice to customers and managing their medications.

GRADUATE PROFILE



HEALTH

Degrees in this discipline

> Dental Science	see page 58
> Dental Studies	see page 58
> Health Sciences	see page 58
> Human Movement Studies	see page 59
> Medicine/Surgery (Graduate Entry)	see page 60
> Midwifery	see page 60
> Nursing	see page 61
> Occupational Therapy	see page 61
> Oral Health	see page 62
> Pharmacy	see page 62
> Physiotherapy	see page 63
> Speech Pathology	see page 63



Why choose UQ for studies in Health?

Health professionals today work with change on a daily basis. Technology and the health information explosion have led to a redefining of the relationship between health professionals and consumers, who are more informed and more involved in making health decisions. Relationships between professions are also changing, with practitioners routinely required to work closely with a range of other health professionals, as part of a healthcare delivery team.

To prepare for this environment, our students do not learn in isolation. A multi-professional learning approach brings students from different disciplines together to solve health issues. This innovative approach provides valuable experience to help prepare them for effective collaboration in the workplace.

Strong industry links with all major public and private hospitals and key

institutions also position UQ as a leader in health education. These strategic relationships provide the necessary teaching and research resources for health science students and researchers to excel.

UQ's facilities and special features include:

- > professionally supervised and equipped clinics providing students with valuable "hands-on" experience in selected fields
- > structured clinical components in all undergraduate programs
- > strong emphasis on problem-based learning
- > curricula embedded with multiprofessional perspectives – preparing students for effective collaboration with health professionals from other disciplines
- > accelerated nursing and midwifery programs, and
- > opportunities to learn from leading health practitioners in chosen discipline/s.

Career opportunities in this discipline

Career opportunities in the area of Health Sciences continue to evolve, ensuring constant demand for graduates from both traditional and contemporary health fields. Employment opportunities can be found in the public and private sectors, and include, but are not limited to:

- > biotechnology industry
- > consultation services
- > dental sectors
- > drug development and research centres
- > exercise/sports science facilities
- > hospitals
- > nursing homes
- > occupational health and safety departments
- > oral health services
- > other government and community controlled health services
- > pharmacies
- > private practice
- > psychiatric clinics and hostels
- > rehabilitation units (medical, vocational, psychiatric) schools
- > sports development or coaching facilities
- > sports psychology

Eligibility for visa

International students must undertake programs on campus at UQ on a full-time basis to be eligible to apply for an Australian student visa. See page 96 for more information.

BACHELOR OF Dental Science

Location Dental School, St Lucia

Commencement semester 1

Duration 5 years full-time

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95), Mathematics B, and one subject from Biological Science, Chemistry or Physics. For applicants who need to provide evidence of English proficiency, please note that this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; speaking 7; and writing 6 is required. TOEFL test results are not accepted

Honours Available as part of the standard program. *Additional program information is provided in the tables on pages 84-86*

Program outline

The University of Queensland Dental School has been graduating dentists since 1937. It is the oldest and most established dental school in Queensland and has been located at Turbot Street, Brisbane since 1941. The BDS program has been accredited by the Australian Dental Council and provides students with the opportunity to spend the final year in State Government dental clinics throughout Queensland.

The program provides students with the knowledge, skills and attitudes they require to become competent practitioners of dentistry. These include the application of scientific principles to the prevention, diagnosis and treatment of oral diseases and abnormalities. Students are introduced to dental practice in first year and also undertake courses in oral biology and biological sciences. The remaining four years of the program involve three years of applied dental science and one year of extramural clinical practice (37 weeks). Clinical work commences in second year and is broadened in the third and fourth years of study. Each student is assigned patients and is then responsible for the dental care of these patients. Clinical work in areas such as general practice dentistry, orthodontics, paediatric dentistry, periodontics and prosthodontics is undertaken at the Dental School. Students gain experience in the areas of oral medicine and oral and maxillofacial surgery in Brisbane teaching hospitals. The final year of study provides external clinical experience. Students will be rotated to a variety of State Government health clinics throughout Queensland, including rural, school, hospital and community clinics.

Placement Courses

The final year of the BDS program involves 37 weeks (2 semesters) of clinical placement in State Government health clinics throughout Queensland, including rural, school, hospital and community clinics. These clinics are located in districts such as Ipswich, Gold Coast, Logan, Redcliffe, Kawana, Nambour, Caboolture, Mackay, Maryborough, Bundaberg, Rockhampton, Charters Towers, Cairns and Townsville. Students are allocated to one metropolitan placement and one rural placement during the year. Travel reimbursement is provided to students for one return fare per semester. However, students will incur varying accommodation costs depending upon clinical placement and location.

Supplementary information

The Dental Board of Queensland policy prevents dentists carrying blood-borne viruses from undertaking invasive procedures, the definition

of which includes most aspects of clinical dentistry. Students are therefore required to provide serological evidence of their status with respect to blood-borne transmissible viruses (Hepatitis B, Hepatitis C and HIV). Carriers of blood-borne transmissible viruses will not be permitted to be enrolled in the BDS program.

Students are required to have a current Blue Card (Working with Children Check) before commencing clinical work and clinical placements. For information on obtaining a Blue Card, contact the School of Dentistry.

Students are required to complete a nationally accredited Senior First Aid Certificate prior to commencement of Semester 2, Year 1. Students are also required to complete a Cardiopulmonary Resuscitation (CPR) competency recertification course prior to the commencement of Years 2, 3 and 4 of the program and to complete a Senior First Aid competency acquisition course (Recertification) prior to the commencement of Year 5.

Career opportunities

Qualified dentists have the choice of various employment fields:

- > Once registered with the appropriate Dental Board, dentists can enter private practice on their own behalf. Alternatively, they may work as an assistant with an established practitioner, join a partnership or work as a locum tenens.
- > There are salaried positions available in government and school dental clinics.

Professional memberships

- > Australian Dental Association

Sample first year courses

- > Chemical Structure and Reactions
- > Introduction to Dental Practice
- > Introduction to Clinical Practice
- > Physical Basis of Biological Systems

Additional cost

Senior First Aid Certificate (approx. AUD\$140) required before Semester 2 of Year 1, annual CPR re-certification (approx. AUD\$50) before commencing Years 2, 3 and 4, First Aid re-certification (approx. AUD\$95) before commencing Year 5. Learn-a-Prep block (AUD\$60), dental instruments kit (Year 1) (AUD\$360), dental model (AUD\$350), deposit fees for pre-clinical instruments (AUD\$400) and prosthodontic instruments (AUD\$300), ID card (AUD\$9). Laptop computer (AUD\$1500-\$2000) for integrated patient/student management system (Years 2-4). Incidental course materials (AUD\$150).

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia - Free Call) 1800 671 980

BACHELOR OF Dental Studies

Location Dental School, St Lucia

Commencement semester 1

Duration 1 year full-time

Admission requirements Minimum completion of third year studies in BDS program. *Additional program information is provided in the tables on pages 84-86*

Program outline

This program involves one year of full-time research for dental students who have completed at least Year 3 of the Bachelor of Dental Science. During the year, the student is required to complete a substantial research project in a field of interest carried out under supervision, as well as undertake supporting courses recommended by the supervisor. Students must complete a research report in the form of a minor thesis.

Supplementary information

May be undertaken after third year BDS studies or BDS graduation.

A student reaching the required academic standard may be awarded the BDentSt degree with distinction.

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia - Free Call) 1800 671 980

BACHELOR OF Health Sciences

Location Ipswich

Commencement semesters 1, 2

Duration 3 years full-time

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95) and one of Biological Science, Chemistry or Physics. Students with high results may apply to have the biological science pre-requisite waived.

Honours Available as an additional year of study. *Additional program information is provided in the tables on pages 84-86*

Program outline

The Bachelor of Health Sciences provides a broad overview of healthcare and is especially suited to students who intend to enrol in a postgraduate professional degree (eg, medicine, management, public health) or who wish to enter the non-clinical health workforce (eg, health promotion, health management) planning and delivering efficient quality healthcare.

Students seeking a clinical career may initially enrol in the Bachelor of Health Sciences and then, following graduation, pursue a clinical postgraduate or graduate entry degree of choice dependent upon academic performance. Alternately, students with high academic performance, may seek to transfer into a clinical undergraduate program while enrolled in the Bachelor of Health Sciences.

Those students seeking non-clinical careers in healthcare will find employment in the broad areas of health promotion or health services management and will be at the front-line in improving healthcare delivery through their roles as health promotion officers, Indigenous health promotion officers, health managers and health researchers. As with most three-year University degrees, employment prospects and remuneration will be enhanced with the addition of at least one further year of study in the non-clinical area of choice.

For those students who wish to become health economists, the dual Bachelor of Health Sciences/Bachelor of Economics is offered. This program has been designed to produce tomorrow's health service managers.

Some elective courses are only available at the St Lucia campus.

Placement Courses

Work placements are undertaken in Year 3 and, depending on the major selected, may include:

- > Community Development Project;
- > Evaluation of Health Services: Field Placement involves a fieldwork component in a care or diagnostic service;
- > Evaluation of Health Programs: Field Placement involves a fieldwork component in a host health care agency.

Majors**Health Services Management**

As future health care managers, students will learn how to plan, manage and evaluate health services to ensure the goals for quality of care, costs, ethical issues, equity and legislation are met. Students will gain in-depth knowledge of these issues and the skills to critically analyse situations during their program.

Students undertaking the major may study economics and financial management, health care planning and evaluation, human resource management, management theory and information technology. Students also undertake health industry work placements designed to convert the knowledge they have gained during their studies into practice, provide experience and make them job-ready.

Health administrators typically work in government and non-government organisations ensuring that high quality health services and programs are delivered to the community. Examples of the work they do include managing the financial or human resource aspects of service provision within a public or private hospital; establishing, maintaining and evaluating community health programs, such as new immunisation programs; managing private health insurance companies; and, working with clinical teams to develop information technology initiatives such as e-health.

Students interested in seeking further knowledge and skills in this area may complete an extra Honours year and/or seek enrolment in a postgraduate professional degree program in areas such as public health, information technology or business.

Indigenous Health

The Indigenous Health major provides in-depth knowledge and skills related to key aspects of public health practice applied to Indigenous populations: social science, policy and services. Units of study are also devoted to some of the specific health issues that are important to Aboriginal and Torres Strait Islander communities: nutrition, alcohol and substance use, and communicable disease control. These can be expanded upon with further elective study. The major also offers the opportunity for individual experience within an Aboriginal and Torres Strait Islander organisation. The Indigenous Health major will equip a graduate to work within Indigenous organisations, and also in a range of mainstream settings where their motivation and awareness of issues and practice will promote improved engagement of Aboriginal and Torres Strait Islander people. The major will enhance readiness for remote community work.

Students interested in seeking further knowledge and skills in this area may complete an extra Honours year and/or seek enrolment in a postgraduate professional degree program in areas such as public health or community services.

Population Health and Health Promotion

Students undertaking a Population Health and Health Promotion major will examine how health services (eg, aged care) and programs (eg, anti-smoking campaigns) are designed and delivered, their effectiveness, and how they are evaluated and modified to improve service and program outcomes to facilitate community health and prevent disease and disability. Population health and health promotion graduates aim to improve the health of the entire population and to reduce health inequities among population groups.

Students undertaking this major will examine the role human behaviour plays in the incidence, prevention and progression of illness, effective strategies to promote a healthy lifestyle through nutrition and physical activity while additionally gaining knowledge of health economics and its use in health care decision-making and health policy. Industry work placements will provide hands-on experience in the evaluation and implementation of health services, programs and policy and ensure that all Health Sciences students are job-ready following graduation.

Population health and health promotion practitioners work as health promotion practitioners and educators, community health officers, policy officers, program evaluators, project officers and consultants. Typically, work may be found in both public and private sectors including

government health departments, population health units, community health centres, divisions of general practice, non-governmental health organisations, and international health agencies.

Students interested in seeking further knowledge and skills in this area may complete an extra Honours year and/or seek enrolment in a postgraduate professional degree program in areas such as public health, community services or business.

Career opportunities

As non-clinical health workers, graduates may work in both the public and private healthcare sector dealing with health issues as varied as anti-smoking campaigns, communicable disease, drug and alcohol use, Indigenous health, chronic disease and women's health.

The addition of a postgraduate professional degree program (eg, medicine, public health) enhances vocational outcomes, including remuneration and responsibility, upon graduation.

Completion of an Honours year and a PhD program may lead to an academic career in the university sector.

Dual programs

- > Economics
- > Medicine/Surgery

Sample first year courses

- > Aboriginal and Torres Strait Islander Health
- > Health Promotion: Perspectives and Practice
- > Health Systems and Policy
- > Introduction to Population Health
- > Introduction to Management
- > Introduction to Psychology: Developmental, Social, and Clinical Psychology
- > Major Diseases and their Control
- > Physiology of the Human Body

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia — Free Call) 1800 671 980

BACHELOR OF Human Movement Studies

Location St Lucia

Commencement semester 1

Duration 4 years full-time

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95) and one of Biological Science, Chemistry or Physics

Honours Available as part of the standard program
Additional program information is provided in the tables on pages 84-86

Program outline

This program has two majors or areas of specialisation – one in Education and one in Exercise Science.

Placement Courses

- > Education major: third Year Practicum consists of four weeks of practice. Students are required to observe a primary program for five days, participate as staff members at a secondary school for at least 10 days and spend 40 hours in other approved educational settings. Fourth Year Practicum is a course that immerses the student in the life of a school for 10 weeks. The student actively participates as a staff member for a total of 50 days, teaching a full load by week 5 in Health and Physical Education and Junior Science.
- > Exercise Science major: minimum of 400 hours of field experience related to exercise science in community, clinical, corporate, fitness, health or sport setting. Offered in 1st, 2nd and Summer Semester.

Majors

Education

This major is offered for students wishing to qualify as specialist teachers of physical education, health education and science. Students in this program complete a suite of basic biological, social, health and movement science courses in the first two years. Professional teaching courses are then incorporated in the third and fourth years, in conjunction with practicums in primary, secondary and special schools as well as outdoor education and coaching.

Exercise Science

This major is designed to prepare graduates for work as exercise scientists prescribing and managing exercise in health and fitness centres and hospitals, and acting as consultants to community, cardiac rehabilitation and corporate fitness programs. The first two years of the degree provide a broad grounding in key biological, social and health sciences, as well as core knowledge in the human movement studies fields of exercise physiology, biomechanics, motor control, functional anatomy, sport and exercise psychology, communication, and socio-cultural studies. The latter years of the program concentrate on the development of specialist skills and knowledge in the prescription and management of exercise, with extensive practical and professional experience within the health and fitness industry.

Supplementary information

Students who work with children as part of a required placement course, must have a current Blue Card (Working with Children Check) before they begin their placement. Contact the School of Human Movement Studies for information on obtaining a Blue Card.

Career opportunities

Graduates in Human Movement Studies (Education) can work as:

- > Academics
 - > Coaches in schools or sporting organisations
 - > Education officers in health promotion agencies
 - > Health and physical education teachers in primary and secondary schools
 - > Outdoor educators
- Graduates in Human Movement Studies (Exercise Science) can work as:
- > Exercise consultants in community and corporate rehabilitation and fitness programs
 - > Exercise physiologists in health and fitness centres and hospitals
 - > Health promotion officers
 - > Strength and conditioning specialists for sporting teams

Professional memberships

- > Australian Association for Exercise and Sport Science
- > Australian Council for Health, Physical Education and Recreation
- > Queensland College of Teachers

Dual programs

- > Business Management

Sample first year courses

- > Anatomical Basis of Human Movement
- > Biophysical Foundations of Human Movement
- > Introduction to Psychology: Developmental, Social, and Clinical Psychology
- > Physical Activity and Health
- > Physiology for Human Movement Studies
- > Sociocultural Foundations of Human Movement

Additional cost

Senior First Aid Certificate required before entering third year: cost approx. AUD\$140.

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia — Free Call) 1800 671 980

BACHELORS OF

**Medicine/Surgery
(Graduate Entry)**

Location St Lucia; Herston; Central, Southern and Rural Clinical Divisions. Students may also opt to complete a clinical rotation overseas

Commencement semester 1

Duration 4 years full-time

Admission requirements There are two entry pathways into the MBBS program:

1. **School Leaver Entry:** Students who receive an offer in the sub quota may enrol in any of UQ's bachelor degree programs prior to commencing the graduate entry MBBS program. Alternatively, students may opt to fast-track their career by enrolling in one of the six-year dual programs, the Bachelor of Arts/MBBS, the Bachelor of Health Sciences/MBBS or the Bachelor of Science/MBBS. International students may apply for the BA/MBBS, BHlthSc/MBBS or BSc/MBBS programs while in their final year of secondary school. All students must achieve a grade point average of 5.00 in their first degree studies or first two years of the dual program prior to commencing the MBBS program or the MBBS component of the dual program. Criteria for selection are: OP1 (or equivalent) and performance in the Undergraduate Medicine and Health Sciences Admissions Test (UMAT) or International Student Admissions Test (ISAT). UMAT is held in July each year; refer to umatweb.acer.edu.au for further information.

2. **Graduate Entry:** Applications from graduates of all disciplines are welcomed. The selection criteria are: a grade point average (GPA) of at least 5.00 in the most recently completed key degree (bachelors degree, honours, masters or PhD); Graduate Australian Medical Schools Admissions Test (GAMSAT) (or MCAT for international applicants); and an interview. Please note, the GPA is calculated using the method outlined in the Graduate Australian Medical School Admissions Guide. GAMSAT is held in March each year with registrations for the test closing in late January/early February. The GAMSAT Information Booklet and Graduate Australian Medical School Admissions Guide are published annually by the GAMSAT Office at the Australian Council for Educational Research (ACER). Refer to www.gamsat.acer.edu.au for further information. The MBBS program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 7 is required. TOEFL results are not accepted.

Honours Available as part of the standard program. *Additional program information is provided in the tables on pages 84-86*

Program outline

This program produces highly skilled doctors capable of meeting future challenges in a wide variety of careers. The curriculum has been designed with an emphasis on problem-based learning and group work. Students work cooperatively on a carefully planned series of patient-centred problems, each designed to highlight principles and issues in health and disease. Early patient contact and clinical training develop high levels of clinical skills and medical knowledge.

The program's key features include: the simultaneous learning of basic, clinical, biological and social sciences; the improved teaching of communication skills; the use of learning approaches that encourage lifelong learning skills; the incorporation of ethics and professional development as an integral part of the program; and the incorporation of information technology and computing skills to ensure that graduates are able to utilise technological advances to improve their learning skills and knowledge acquisition.

Placement Courses

All MBBS students are required to have a Blue Card (The Working with Children Check) issued by the Commission for Children and Young People and Child Guardian. Further information can be obtained at www.bluecard.qld.gov.au

Students in Years 3 and 4 of the program undertake clinical rotations within the School's clinical divisions (including Rural clinical division). Students are liable for additional costs associated with attending clinical placements.

Career opportunities

Medical practitioners may work in private practice; public health; academia/teaching; research; aid organisations; the defence forces; and/or a combination of these areas. Some of the specialties/fields available to graduates are:

- > Academic medicine
- > Accident and emergency
- > Anaesthesia
- > Dermatology
- > General practice
- > Intensive care
- > Medical administration
- > Medicine (general medicine, cardiology etc)
- > Obstetrics and gynaecology
- > Occupational medicine
- > Ophthalmology
- > Paediatrics
- > Pathology/histopathology/microbiology (haematology)
- > Psychiatry
- > Public health medicine
- > Radiology
- > Rehabilitation medicine
- > Sexual health
- > Sports medicine
- > Surgery (general surgery, neurosurgery etc)

Professional memberships

- > General registration with the Queensland Medical Board: graduates required to satisfactorily complete a year as an intern with an approved hospital.
- > Specialist registration: graduates required to complete further study and training as a senior Resident Medical Officer (RMO) and Registrar at approved hospitals. A higher professional qualification, such as a Fellowship or Membership of a Royal College, is required.

Dual programs

- > Arts
- > Health Sciences
- > Science

Sample first year courses

- > Foundations of Medical Practice
- > Medical Elective

Additional cost

- > Senior First Aid Certificate (including CPR) approx. AUD\$140;
- > Immunisation requirements; and
- > Travel and living expenses for all clinical rotations (including the Rural Clinical Division).

Contact details**International Recruitment Manager**

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia - Free Call) 1800 671 980

BACHELOR OF

Midwifery

Location Ipswich campus and partner teaching hospitals

Commencement semester 1

Duration 3 years full-time

Optional accelerated offering of 2.5 years available by taking an 8-unit clinical practice course in the summer and the final semester in Semester 1, enabling graduation in July

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95) and one of Biological Sciences, Chemistry or

Physics. For applicants who need to provide evidence of English proficiency, please note that this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 7 is required. TOEFL test results are not accepted

Honours Available as an extra year of study. *Additional program information is provided in the tables on pages 84-86*

Program outline

The program is a three-year degree specifically designed to develop graduate midwives who will: direct their own learning and apply clinical reasoning skills in their midwifery practice; be able to work in continuity-of-care models according to the international definition of the midwife; be able to work effectively in multidisciplinary teams to promote quality outcomes of care for each woman and baby; and provide high quality care through safe and effective midwifery practice according to the Australian Nursing and Midwifery Council (ANMC) and the Australian College of Midwives Incorporated (ACMI) competency standards.

The program is underpinned by an innovative, problem-based learning curriculum which has been informed by international best practice and industry experts and responds to national and global population health challenges. In the first two years of the program, lectures and problem-based learning are incorporated with clinical experiences in teaching hospitals and health districts. In the final year, students undertake extensive preceptored clinical placements providing them with exposure to an area of specialty midwifery practice and the opportunity to refine their skills to facilitate a smooth transition to graduate practice.

Placement Courses

In order to undertake clinical practice it is a requirement that a Senior First Aid Certificate is maintained as current throughout the duration of the program with resuscitation recertification required every 12 months to maintain current status. Students are required to comply with the School of Nursing and Midwifery Infectious Diseases and Immunisation Guidelines and provide serological evidence of their status with respect to blood-borne transmissible viruses (Hepatitis B, Hepatitis C and HIV). Carriers of blood-borne viruses would be unable to complete the clinical practice components of the program and thus not be eligible to apply for endorsement as a midwife. Students are also required to have a current Blue Card (Working with Children Check) prior to clinical placement. For further information on these requirements contact the School of Nursing and Midwifery.

Supplementary information

Clinical placements commence in the first few weeks in first year. Students are 'buddied' with midwives for clinical learning throughout the program. In each year of the program students are required to complete 10 'follow throughs' of women through their pregnancy, birth and postpartum periods. For the final year of the program, students are required to undertake extensive clinical practice. This may preclude students from undertaking outside employment during the final two semesters.

Career opportunities

Midwives work in a variety of public or private health care settings, maternity and neonatal care settings, academia/teaching, research, rural and remote health, aid organisations, and/or a combination of these areas.

Professional memberships

- > Australian College of Midwives

Dual programs

- > Nursing

Sample first year courses

- > Adolescents and Young Adults
- > Adults and Older Persons
- > Clinical Midwifery Practice 2

- > Clinical Practice 1
- > Embryology, Neonate and Child
- > Preconception and Pregnancy Planning
- > Preparing for Birth and Parenting
- > The Midwife and Healthy Pregnancy

Additional cost

- > Senior First Aid Certificate (including CPR): approx. AUD\$140;
- > Clinical Practice Uniform: shirts are approx. AUD\$45 each and can be purchased from the School of Nursing and Midwifery;
- > Immunisations (refer to School's website at www.nursing.uq.edu.au); and
- > Some additional expenses may be incurred in relation to chosen placement in Year 3, ie, a rural location.

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia – Free Call) 1800 671 980

BACHELOR OF Nursing

Location Ipswich campus and partner teaching hospitals

Commencement semester 1

Duration 3 years full-time

An optional accelerated offering of 2.5 years is available by taking a semester-long clinical practice course in the Summer Semester and Semester 1 of the final year, enabling graduation in July. Credit may be granted for overseas educated professional nurses (see Supplementary information)

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95) and one of Biological Sciences, Chemistry or Physics. For applicants who need to provide evidence of English proficiency, please note that this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 7 is required. TOEFL test results are not accepted

Honours Available as an extra year of study
Additional program information is provided in the tables on pages 84-86

Program outline

This program is a 3-year degree specifically designed to develop graduate nurses who will: direct their own learning and apply clinical reasoning skills in their nursing practice; be able to work effectively in multidisciplinary teams to promote quality health outcomes for clients in their care; provide high quality care through safe and effective nursing practice according to the ANMC (Australian Nursing and Midwifery Council) National Competency Standards for the Registered Nurse; and possess the qualities, skills, knowledge and abilities expected of a University of Queensland graduate.

The program is underpinned by an innovative, problem-based learning curriculum model which has been informed by industry experts and responds to current national and global population health challenges. In the first 2 years of the program lectures and problem-based learning are incorporated with clinical experiences in selected partner teaching hospitals and health districts. In the final year of the program, students undertake extensive preceptored clinical placement providing them with exposure to an area of specialty nursing practice and the opportunity to consolidate and refine their skills in order to facilitate a smooth transition to graduate practice.

Placement Courses

In order to undertake clinical practice it is a requirement that a Senior First Aid Certificate is maintained as current throughout the duration of the program, with resuscitation recertification required every 12 months to maintain current status. Students are required to comply with the School of Nursing and Midwifery Infectious Diseases and Immunisation Guidelines and

provide serological evidence of their status with respect to blood-borne transmissible viruses (Hepatitis B, Hepatitis C and HIV). Students are also required to have a current Blue Card (Working with Children Check) prior to clinical placement. For further information on these requirements contact the School of Nursing and Midwifery.

Supplementary information

Clinical placements commence in the first few weeks in first year. Students are 'buddied' with registered nurses for clinical learning throughout the program.

For the final year of the program, students are required to undertake extensive clinical practice. This may preclude students from undertaking outside employment during the final two semesters.

Overseas educated professional nurses who have successfully completed a tertiary nursing program of at least three years duration, who have recent relevant clinical experience and who meet requirements for English language proficiency will be granted up to two years of credit. In order to upgrade their qualification to degree level and to become eligible for registration as a nurse in Australia, these nurses will be required to complete one year of study to qualify for graduation from the Bachelor of Nursing program. For further details, see the School of Nursing and Midwifery website (www.nursing.uq.edu.au)

Career opportunities

Registered nurses work in a variety of public or private health care settings, academia/teaching, research, aid organisations, the defence forces and/or a combination of these areas. Some of the career pathways/specialties available to graduates are:

- > Medical/surgical nursing
- > Aged care
- > Cardiac nursing
- > Community nursing
- > Critical care
- > Day surgery nursing
- > Drug and alcohol
- > Domiciliary nursing
- > Emergency care
- > Indigenous health
- > Infectious disease
- > Mental health nursing
- > Midwifery
- > Neonatal nursing
- > Neuroscience nursing
- > Nurse academic
- > Nurse educator
- > Nurse manager
- > Nurse practitioner
- > Oncology
- > Orthopaedics
- > Paediatrics and child health
- > Perioperative
- > Public health
- > Rehabilitation
- > Rural and remote area
- > School based youth health nursing
- > Sexual health nursing
- > Transplant nursing

Professional memberships

- > Royal College of Nursing Australia

Dual programs

- > Midwifery

Sample first year courses

- > Adolescents and Young Adults
- > Adults and Older Persons
- > Cardiovascular Health
- > Clinical Practice 1
- > Clinical Practice 2
- > Embryology, Neonate and Child
- > Musculo-skeletal Health
- > Respiratory Health

Additional cost

- > Senior First Aid Certificate (approx AUD\$140);
- > Clinical practice uniform: shirts are approx. AUD\$45 each and can be purchased from the School of Nursing and Midwifery;
- > Immunisations (refer to School of Nursing and Midwifery website at www.nursing.uq.edu.au); and

- > Some additional expenses may be incurred in relation to elective choices in Year 3, for example Rural and Remote Nursing.

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia – Free Call) 1800 671 980

BACHELOR OF Occupational Therapy

Location St Lucia

Commencement semester 1

Duration 4 years full-time

Admission requirements English (see also pages 94-95) and one of Biological Science, Chemistry or Physics. For applicants who need to provide evidence of English proficiency, please note that this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 7 is required. TOEFL test results are not accepted

Honours Available as part of the standard program
Additional program information is provided in the tables on pages 84-86

Program outline

Occupational therapists are health professionals trained to assist people to overcome factors which limit their ability to function in certain "occupational roles". These factors may have been caused by injury or illness; psychological or emotional difficulties; developmental delay; or the effects of ageing. Occupational therapists consider individual strengths, disabilities, goals, and social and environmental resources, then work to optimise clients' functioning ability and quality of life.

The first year of this program combines studies in theoretical and practical occupational therapy, with biological and behavioural sciences. In second year, students develop this knowledge and apply theory to practical problems of occupational therapy. Third-year students focus on occupational therapy techniques, with clinical practice in teaching units in hospitals and community health agencies. The final year extends clinical experience and examines professional issues.

Placement Courses

Some clinical placements are outside the Brisbane metropolitan area and students are expected to fund these placements. This involves travel, accommodation and daily living expenses. A range of locations for placements is utilised. Students submit their preferred areas for placements. It may be possible to arrange accommodation at local nurses quarters for Queensland Health placements for a minimal cost. Allocation will be as equitable as possible and issues of hardship will be dealt with at the discretion of the head of division. Placements are usually conducted on a full-time basis in the third and fourth years and are of seven or 10 weeks duration.

Career opportunities

Occupational therapists work in:

- > centres of tertiary education
- > country or community health centres
- > consultation services
- > independent living centres
- > nursing homes
- > private practice psychiatric clinics and hostels
- > public and private hospitals
- > rehabilitation units (medical, vocational, psychiatric)
- > regular and special schools
- > research institutions
- > residential and rehabilitation centres for people with an intellectual disability
- > special centres providing development and training for persons with a social, intellectual or physical disability
- > workplace health and safety units

Professional memberships

- > The Bachelor of Occupational Therapy is accredited by the Australian Association of Occupational Therapists.
- > Graduates are eligible for registration with the Occupational Therapists Board of Queensland.

Sample first year courses

- > Communication Skills for Therapy
- > Introduction to Health, Illness and Society
- > Introduction to Occupational Therapy
- > Introductory Occupational Therapy Skills 1
- > Introduction to Psychology: Developmental, Social, and Clinical Psychology
- > Occupational Performance Across the Lifespan
- > Occupational Performance Evaluation
- > Regional, Neuro and Applied Anatomy
- > Skills for Clinical Communication
- > Systematic and Applied Anatomy

Additional cost

- > Senior First Aid Certificate (including CPR): approx. AUD\$140
- > Students are required to provide proof of immunisation against certain diseases, including hepatitis B before commencement of clinic placements in Semester 1.
- > A clinical uniform is required. Shirts are approx. AUD\$25 each. Students also wear plain bottle green slacks which can either be their own or can be purchased from the School for approx. AUD\$60 each.
- > Some placements may be outside the Brisbane metropolitan area and students are expected to fund these placements independently.

Contact details

International Recruitment Manager
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BACHELOR OF Oral Health

Location Dental School, Herston, and Oral Health Education Unit (Yeronga)

Commencement semester 1

Duration 3 years full-time

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94–95) and one of Biological Science, Chemistry or Physics. For applicants who need to provide evidence of English proficiency, please note that this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; speaking 7; and writing 6 is required. TOEFL test results are not accepted
Honours Available as an extra year of study
Additional program information is provided in the tables on pages 84–86

Program outline

The BOralH program was the first bachelors degree program for dental auxiliary training to be offered in Australia. It has been fully accredited by the Australian Dental Council and has been considered the benchmark for similar tertiary programs in other Australian universities.

The program qualifies graduates to work as oral health therapists, dental therapists, dental hygienists and in health promotion. The first year of study provides students with foundation knowledge in the health of oral tissues, emphasises the importance of prevention as a goal, and introduces them to clinical practice. In second year, courses develop the knowledge and clinical skills needed for the care of individual patients. Students apply their knowledge of dental diseases to dental therapy and dental hygiene practice. Third year students extend their clinical experience and focus on the provision of care to groups with special needs, and on oral health for communities and population groups. Courses explore the principles and philosophies underlying health promotion for individuals and the community.

Supplementary information

Students should note that completion of all or part of this program does not permit direct entry into the Bachelor of Dental Science.

As health care workers, students are required to provide serological evidence of their status with respect to blood-borne transmissible viruses (Hepatitis B, Hepatitis C and HIV).

Students are required to complete a Cardiopulmonary Resuscitation (CPR) course prior to the commencement of Second Semester of Year 1 of the program and to complete a CPR recertification course prior to the commencement of Years 2 and 3.

Students are also required to have a current Blue Card (Working with Children Check) before commencing clinical work. For information on obtaining a Blue Card, contact the School of Dentistry.

Career opportunities

Graduates will work in positions such as:

- > Dental hygienists
- > Dental therapists
- > Health promotion
- > Oral health therapists

Opportunities exist for graduates wishing to undertake a research career.

Some teaching positions in the undergraduate program are occasionally available.

Professional memberships

Graduates may join organisations such as the Dental Hygienists Association of Australia and the Dental and Oral Health Therapist Association of Queensland.

Sample first year courses

- > Biological Sciences I (Dental Auxiliary Practice)
- > Biological Sciences II (Dental Auxiliary Practice)
- > Health Systems and Policy
- > Introduction to Clinical Practice I
- > Introduction to Clinical Practice II
- > Introduction to Population Health
- > Oral Biology I (Dental Auxiliary Practice)
- > Oral Biology II (Dental Auxiliary Practice)

Additional cost

Cardiopulmonary Resuscitation (CPR) course (Year 1) (approx. AUD\$50), annual CPR recertification (Years 2 and 3) (approx. AUD\$50). Laptop computer (AUD\$1500–\$2000) for integrated patient/student management system (Years 2 and 3). ID card (AUD\$9).

Contact details

International Recruitment Manager
www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia – Free Call) 1800 671 980

BACHELOR OF Pharmacy

Location St Lucia

Commencement semester 1

Duration 4 years full-time

Admission requirements English (see also pages 94–95), Mathematics B, Chemistry. For applicants who need to provide evidence of English proficiency, please note that this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 7 is required. TOEFL test results are not accepted
Honours Available as part of the standard program
Additional program information is provided in the tables on pages 84–86

Program outline

The study of pharmacy is mainly concerned with the action of drugs on biological systems and their applications for human drug therapy. The program prepares graduates for the

contemporary role of the pharmacist in society ensuring that patients optimise medication usage. Initial courses on chemical, physical, and biological studies lead to professional specialties in later years. Practical and clinical science studies begin in first year, providing students with a strong background in professional practice. The program integrates six streams of study: quality use of medication; dosage form design; social and professional aspects of pharmacy; drug discovery; biological fate of drugs; and data analysis in pharmacy.

Placement Courses

Every year of the pharmacy program involves pharmacy placements in rural and community pharmacies and Queensland Health facilities.

Students may be required to have a current Blue Card (Working with Children Check) before commencing practical work.

Queensland Health requires completion of Occupational Health and Safety certificates prior to placements. The School will provide further information as to when and how these must be completed.

Supplementary information

Queensland Health requires all health care worker students to be immunised against Hepatitis B prior to their first clinical placement. Students are required to provide documentary evidence of immunisation against Hepatitis B as soon as possible after commencement of the program. Other health requirements may be necessary.

Career opportunities

There are three major employment areas for pharmacists.

- > Community pharmacy is a multifaceted field incorporating:
 - The dispensing of prescriptions (also providing medication information and monitoring)
 - Primary health care (assistance with the identification and treatment of common ailments)
 - Health promotion (advising the community about illness prevention and healthy lifestyle decisions)
 - Home Medicines Review
- > Hospital pharmacists play an important role in the healthcare team promoting safe and effective use of medicines within hospitals. They may be involved in:
 - The preparation and supply of medicines
 - Education of patients, doctors and nurses on safe and appropriate medicine use
 - Provision of drug information to health care professionals
- > Industrial pharmacists are generally involved in the manufacture, quality control, registration and marketing of pharmaceutical products.

New opportunities are also developing in other professional areas, such as a consultant pharmacist and prescribing advisors.

Sample first year courses

- > Chemical Energetics and Reactivity
- > Chemical Structure and Reactions
- > Gross and Microscopic Anatomy
- > Introductory Pharmacy
- > Pharmacy – Data Analysis and Professional Practice

Additional cost

For information on placements contact the School of Pharmacy or consult the School of Pharmacy website at www.uq.edu.au/pharmacy
Immunisation requirements, transport, school attire and accommodation costs apply to all students on placements.

A clinical uniform shirt is required. Shirts are approx. AUD\$36 each.

Contact details

International Recruitment Manager
www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia – Free Call) 1800 671 980

BACHELOR OF Physiotherapy

Location St Lucia

Commencement semester 1

Duration 4 years full-time

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95) and one of Biological Science, Chemistry or Physics (Physics recommended). For applicants who need to provide evidence of English proficiency, please note: this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 7 is required. TOEFL test results are not accepted

Honours Available as part of the standard program
Additional program information is provided in the tables on pages 84-86

Program outline

Physiotherapy is concerned with the promotion, maintenance and restoration of health and the prevention of disability, in people of all ages. Physiotherapists optimise potential ability, physical function, independence and quality of life through rehabilitation practices. To achieve this, physiotherapists require an extensive understanding of physical, structural and physiological aspects of human form and movement, as well as factors relating to human functioning and the acquisition of skill. Physiotherapy often involves promotion of motor development and coordination, physical methods to control pain, therapeutic exercise for impaired muscle systems, assisting in the physical management of the cardio-respiratory system, or improving balance and motor control for better performance and function.

The program teaches students how to care for people experiencing pain or loss of function caused by a physical injury or disorder and for people with physical disabilities. Such disabilities and disorders can arise from a variety of causes including injury, disease, congenital abnormalities, ageing and degenerative processes. The program includes basic science courses such as anatomy, physics, psychology and statistics, as well as relevant medical courses. Throughout the program students visit hospitals, developing their understanding of the profession. During their final year, students undertake supervised clinical practice in affiliated hospitals and community situations.

Placement Courses

Some clinical placements may be outside the Brisbane metropolitan area and students are expected to fund these placements independently. This usually involves travel, accommodation and daily living expenses. A range of locations for placements are used depending on availability. Students are asked to submit their interest and preferred areas for placements. It may be possible to arrange accommodation at local nurses homes for Queensland Health placements for a minimal cost. Placements are of four weeks duration and are usually conducted on a full-time basis and occur in the third and fourth years of the program. This allows for sufficient planning for regional, interstate or international placements. Allocation will be as equitable as possible and issues of hardship will be dealt with at the discretion of the head of division.

Students wishing to undertake a clinical placement in an international location may be permitted to do so under certain conditions. This especially applies to international students who wish to undertake a placement in their home country. Students are responsible for personal arrangements such as visa, insurance, travel and accommodation and are liable for associated costs. Placements will not be organised or will be cancelled if a travel warning to the country/region applies. Interested students should discuss their proposal in advance with the Clinical Education Placement Manager.

Career opportunities

Following a recommended year in a general hospital, physiotherapists may continue their work in hospitals, community health centres and agencies, rehabilitation units, or in preschool and school programs. Alternatively, they may prefer to work in private practice offering treatments to a full range of patients or specialising in areas such as sports physiotherapy, manipulative physiotherapy, paediatrics, obstetrics, orthopaedics or other fields of particular interest. Additional employment opportunities exist in educational, industrial or government institutions.

Professional memberships

- > Australian Physiotherapy Association.
- > Graduates are eligible for registration with the Physiotherapists Board of Queensland.

Sample first year courses

- > Introduction to Principles of Physiotherapy Assessment and Management
- > Introduction to Psychology: Developmental, Social, and Clinical Psychology
- > Molecular and Cellular Biology for Physiotherapists
- > Physics for Physiotherapy
- > Physiotherapy Profession and Basic Processes
- > Principles of Exercise in Physiotherapy Practice
- > Regional Anatomy
- > Systematic Anatomy

Additional cost

- > Senior First Aid Certificate (including CPR): approx. AUD\$140.
- > A clinical uniform is required. Shirts are approx. AUD\$25 each. Students also wear plain navy blue slacks which may either be their own or can be purchased from the School for approx. AUD\$60 each.
- > Students are required to provide proof of immunisation against certain diseases, including Hepatitis B before commencement of clinic placements.
- > Some clinic placements may be outside the Brisbane metropolitan area and students are expected to fund these placements independently. More information is available in the Placement Courses section above.

Contact details

International Recruitment Manager

www.uq.edu.au/international/enquiry
Phone (outside Australia) + 61 3 8676 7004
(within Australia - Free Call) 1800 671 980

BACHELOR OF Speech Pathology

Location St Lucia

Commencement semester 1

Duration 4 years full-time

Admission requirements Queensland Year 12 (or equivalent) English (see also pages 94-95) and one of Biological Science, Chemistry or Physics. For applicants who need to provide evidence of English proficiency, please note: this program requires a higher level of English language proficiency than the UQ minimum. IELTS overall 7; writing 6; speaking 8 is required. TOEFL test results are not accepted

Honours Available as part of the standard program
Additional program information is provided in the tables on pages 84-86

Program outline

Speech pathologists assess and treat disorders of communication in areas such as speech, voice, language and fluency. Clients include children who fail to develop normal communication and people who acquire communication problems as a result of disease or injury such as stroke. A person's ability to communicate may also be impaired because of disabilities such as hearing loss, brain damage, intellectual disability, stuttering, malfunction of the speech or respiratory organs, or emotional disturbances. In addition, speech pathologists work with clients who have feeding or swallowing problems.

Speech pathology is closely associated with medicine, education and rehabilitation.

The first two years of the program focus on basic studies in anatomy, linguistics, physiology, psychology, medical specialties and statistics. In first year, an emphasis on normal communication forms the reference point for second-year studies in the description and analysis of communication disorders. Students explore the areas of voice, fluency, hearing, speech, language and oral functioning. Third and fourth years are case/problem-based and integrate understanding of communication disorders with the assessment and management of clients. Academic studies are complemented by supervised clinical practice.

Placement Courses

Clinical placements occur in the third and fourth years of the program. These placements are of six weeks duration and are conducted on a full-time basis. Students are placed in clinics according to previous clinical experiences. Some students may be required to take up clinical placements outside the Brisbane metropolitan area and are expected to fund these placements independently. A range of locations for placements is utilised depending on availability. Students will only be placed within Queensland. It may be possible to arrange accommodation at local nursing quarters for a minimal cost. Overseas placements are not available.

Students are required to have a current Blue Card (Working with Children Check) before commencing clinical placements in second year. For information on obtaining a Blue Card, contact the School of Health and Rehabilitation Sciences.

Students are required to complete a prescribed schedule of immunisations and to hold a current first aid and CPR certificate.

Career opportunities

Graduates work in many different settings including:

- > Centres for the hearing impaired and intellectually disabled
- > Community health centres and agencies
- > General, paediatric and geriatric hospitals
- > Industrial and government institutions
- > Preschools, kindergartens and childcare programs
- > Private practice
- > Rehabilitation units

Professional memberships

- > The Bachelor of Speech Pathology is accredited by Speech Pathology Australia.
- > Graduates are eligible for registration with The Speech Pathologists Board of Queensland.

Sample first year courses

- > Communication Skills for Therapy
- > Introductory Occupational Therapy Skills 1
- > Introduction to Health, Illness and Society
- > Introduction to Occupational Therapy
- > Introduction to Psychology: Developmental, Social, and Clinical Psychology
- > Occupational Performance Across the Lifespan
- > Occupational Performance Evaluation
- > Regional, Neuro and Applied Anatomy
- > Skills for Clinical Communication
- > Systematic and Applied Anatomy

Additional cost

- > Senior First Aid Certificate (including CPR): approx. AUD\$140.
- > Students are required to provide proof of immunisation against certain diseases, including Hepatitis B before commencement of clinical placements.
- > A clinical uniform may be required. If so a white shirt and plain brown slacks are the standard.
- > Some clinic placements may be outside the Brisbane metropolitan area and students are expected to fund these placements independently. More information is available in the Placement Courses section above.

Contact details

International Recruitment Manager

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