

# 'Faculty of Medicine, Health and Molecular Sciences

Undergraduate  
Award Requirements

Undergraduate  
Courses and Majors

## FACULTY OF MEDICINE, HEALTH AND MOLECULAR SCIENCES — UNDERGRADUATE AWARD REQUIREMENTS

### GENERAL

#### 1.1 *The degrees shall be:*

Bachelor of Animal Science <sup>1</sup>	BAnimSc
Bachelor of Animal Science with Honours <sup>2</sup>	BAnimSc(Hons)
Bachelor of Biomedical Sciences	BBiomedSc
Bachelor of Biomedical Sciences with Honours	BBiomedSc(Hons)
Bachelor of Dental Surgery	BDS
Bachelor of Exercise Physiology (Clinical)	BExPhysiol(Clin)
Bachelor of Exercise Physiology (Clinical) with Honours	BExPhysiol(Clin)(Hons)
Bachelor of Medical Laboratory Science	BMedLabSc
Bachelor of Medical Laboratory Science with Honours	BMedLabSc(Hons)
Bachelor of Medical Science with Honours	BMedSc(Hons)
Bachelor of Medicine and Bachelor of Surgery	MBBS
Bachelor of Medicine, Bachelor of Surgery with Honours	MBBS(Hons)
Bachelor of Nursing Science	BNSc
Bachelor of Nursing Science with Honours	BNSc(Hons)
Bachelor of Occupational Therapy	BOccThy
Bachelor of Occupational Therapy with Honours	BOccThy(Hons)
Bachelor of Pharmacy	BPharm
Bachelor of Pharmacy with Honours	BPharm(Hons)
Bachelor of Physiotherapy	BPhysio
Bachelor of Physiotherapy with Honours	BPhysio(Hons)
Bachelor of Speech Pathology	BSpPath
Bachelor of Speech Pathology with Honours	BSpPath(Hons)
Bachelor of Sport and Exercise Science	BSpExSc
Bachelor of Sport and Exercise Science with Honours	BSpExSc(Hons)
Bachelor of Veterinary Science	BVSc

1. Course suspended.
2. Course suspended.

#### 1.2 *Joint degrees shall be:*

Bachelor of Sport and Exercise Science-Bachelor of Business	BSpExSc-BBus
Bachelor of Sport and Exercise Science-Bachelor of Education	BSpExSc-BEd
Bachelor of Sport and Exercise Science-Bachelor of Education with Honours <sup>1</sup>	BSpExSc-BEd(Hons)

1. Course not offered in 2009. No new enrolments will be accepted in this course.

#### 1.3 *There shall be awards of:*

Diploma of Health Science	DipHlthSc
Certificate of Biomedical Science <sup>1</sup>	CertBiomedSc

1. Course expected to be disestablished in 2009. No new enrolments will be accepted.

### Application of Requirements

- 2.1. In addition to the Faculty Award Requirements candidates for Awards of the Faculty must comply with the University Requirements for Undergraduate or Postgraduate Coursework Awards listed in this handbook and specific Degree, Diploma or Certificate Award Requirements.
- 2.2. In exceptional circumstances the Pro-Vice-Chancellor/Pro-Vice-Chancellor, with the approval of the relevant Head of School, may dispense with or amend any conditions of, or prescription by, the University Requirements for Undergraduate and Postgraduate Coursework Awards, Faculty Award Requirements and Degree, Diploma or Certificate Award Requirements.

### Enrolment in Awards

3. A person who holds an award listed in General Requirement 1.1 may not be a candidate for that award in the same discipline.

### Enrolment in Subjects

4. Except with faculty permission, granted on the advice of the head of the appropriate school, a candidate may not:
  - 4.1 enrol for any subject unless a passing grade for any prerequisites listed in the Master Schedule of Subjects has been obtained within the previous four years, or
  - 4.2 enrol for any subject unless the candidate concurrently enrolls for any corequisites listed in the Master Schedule of Subjects for which passing grades have not been obtained in a previous year.

### Advanced Standing

- 5.1 Candidates for awards of the faculty may apply to obtain advanced standing as detailed in the Advanced Standing for

Previous Studies and Recognised Prior Learning Policy and associated procedures.

- 5.2 Candidates are advised that degree specific Award Requirements may specify advanced standing provisions unique to that degree.
- 5.3 Candidates are advised that such advanced standing obtained may be subject to cancellation as specified within degree specific Award Requirements.

### The Grade of Pass Conceded

- 6.1 The grade of Pass Conceded may be recommended by the school directly on the basis of the particular examination. This grade may also be awarded by the faculty following consideration of the student's overall result for the year.
- 6.2 A candidate who is granted the grade of Pass Conceded in a subject shall, for the purposes of Requirement 4.1, be deemed to have passed the subject and shall be credited with the appropriate credit points, but may not enrol for a more advanced subject in any discipline requiring the first as a prerequisite except with the approval of the appropriate Head of School.
- 6.3 The number of credit points that may be credited at Pass Conceded level shall not exceed 18 for a three year degree and the equivalent for degrees of greater length.
- 6.4 A candidate awarded the grade of Pass Conceded may apply to the Head of the School concerned for permission, at the next regular examination in that subject, to attempt to convert that grade to a Pass grade. Such re-examination will not be counted towards aggregate credit points work load for an academic year.
7. In exceptional circumstances the Pro-Vice-Chancellor with the approval of the relevant Head of School, may permit a candidate

to graduate with fewer than the minimum stipulated credit points of study for an award offered in the faculty.

### **BACHELOR OF ANIMAL SCIENCE**

**Note:** This course is suspended.

### **BACHELOR OF ANIMAL SCIENCE WITH HONOURS**

**Note:** This course is suspended.

### **BACHELOR OF BIOMEDICAL SCIENCES**

*see also Courses and Majors, Bachelor of Biomedical Sciences and Bachelor of Biomedical Sciences with Honours on page 118*

1. A candidate for the pass degree shall follow a course of study shown under Undergraduate Courses and Majors to obtain 72 credit points. The normal time for completion of the degree is three years full-time study.
2. The 72 credit points from Requirement 1 shall include the core program and elective subjects.

### **BACHELOR OF BIOMEDICAL SCIENCES WITH HONOURS**

*see also Courses and Majors, Bachelor of Biomedical Sciences and Bachelor of Biomedical Sciences with Honours on page 118*

1. The degree of Bachelor of Biomedical Sciences with Honours may be undertaken within the School of Veterinary and Biomedical Sciences. With the approval of the faculty, an honours subject may be undertaken jointly between the school and any other school within the faculty.
2. A person may enrol for the honours degree if that person has:
  - 2.1 completed the requirements of the pass degree or been admitted by the faculty to equivalent status; and
  - 2.2 satisfied the School requirements relating to the standard of academic achievement necessary to proceed to the honours degree.
3. Except with the approval of the faculty, on the advice of the Head of School, the honours studies shall normally follow on directly from the pass degree and no later than two years following completion of the pass degree.
4. The honours degree shall comprise 24 credit points and normally extend over at least one academic year of full-time study except that with the approval of, and under conditions determined by the faculty, a candidate may undertake the studies on a part-time basis. Such approval will be given only where the applicant can provide evidence that adequate contact throughout the studies with the applicant's registered school can be maintained.
5. A candidate for the honours degree shall undertake such subjects, research and literature projects as the Head of School designates.
6. Except with the approval of the faculty, there shall be no re-examination.

### **BACHELOR OF DENTAL SURGERY**

**Note:** Quota restrictions on the number of places available may apply from time to time as determined by the Faculty of Medicine, Health and Molecular Sciences.

#### **Academic requirements for course completion**

1. A candidate for the degree of Bachelor of Dental Surgery shall follow an approved course of study as specified in the program shown under Undergraduate Courses and Majors to obtain 120 credit points. This shall include the specified core and elective subjects.

#### **Additional course completion criteria**

- 2.1 Candidates enrolled for the degree shall be required to undertake professional experience as prescribed by the faculty. Candidates may be required to undertake placements away from the campus at which they are enrolled at their own expense.
- 2.2 This course includes a prescribed professional or clinical placement(s). Candidates enrolled in this course are therefore subject to Clauses 11.1, 11.2 and 11.3 of the University Requirements for Undergraduate Coursework Awards.
- 2.3 Candidates who contract a blood-borne viral disease during the course of their studies will be unable to complete placements and consequently will be unable to complete the requirements of the course as accredited by the relevant professional accrediting body.

#### **Period of candidature/completion**

3. The normal time for completion of the course is five years full-time study or seven years part-time study.
4. The maximum time for completion is seven years.

5. The maximum amount of time a student can take as leave of absence from the course is one year, with the approval of the Pro-Vice-Chancellor of the faculty.

#### **Progression**

6. The requirements for the degree must be completed in a maximum of seven years of commencing candidature unless an extension is granted by the Pro-Vice-Chancellor of the faculty.
7. Part-time candidature is not permitted at any level, except with the approval of the Head of School on advice from the Head of the discipline of Dentistry.
8. Except with the approval of the Faculty Pro-Vice-Chancellor, in exceptional circumstances, a candidate may not enrol in any level 3 subject of the course until all prescribed level 1 and level 2 subjects have been satisfactorily completed and a candidate may not enrol in any level 4 subject of the course until all level 3 subjects have been satisfactorily completed; similarly, a candidate may not enrol in any level 5 subject of the course until all level 4 subjects have been satisfactorily completed.
9. Candidates must satisfactorily complete periods of supervised clinical practice in their course of study, as detailed for each year of the course in the relevant subject outlines.
10. Candidates may be required to undertake clinical or professional placements away from the campus at which they are enrolled at their own expense.
11. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for entry to the dental profession before undertaking clinical practice and research projects.

#### **Pass Conceded**

12. The grade of Pass Conceded will not be accepted for any subject.

#### **Advanced standing for prior study**

13. Candidates for awards of the faculty may apply to obtain advanced standing for previous tertiary study as detailed in the Advanced Standing for Previous Studies and Recognised Prior Learning Policy and associated procedures. Advanced standing for previous study granted towards the Bachelor of Dental Surgery may only be granted for study undertaken in the previous five years.

#### **Cancellation of advanced standing**

14. Unless the faculty otherwise determines, advanced standing gained for any subject shall be cancelled seven years after the date of the examination upon which the advanced standing is based if by then the candidate has not completed the course.

#### **Administration of the degree**

15. The degree shall be administered by the Faculty of Medicine, Health and Molecular Sciences.

### **BACHELOR OF EXERCISE PHYSIOLOGY (CLINICAL) AND BACHELOR OF EXERCISE PHYSIOLOGY (CLINICAL) WITH HONOURS**

*see also Courses and Majors, Bachelor of Exercise Physiology (Clinical) and Bachelor of Exercise Physiology (Clinical) with Honours on page 120*

#### **Requirements for the course**

1. A candidate for the degree shall follow an approved course of study as specified in the program shown under Undergraduate Courses and Majors to obtain 96 credits points. This shall include the specified core subjects and elective subjects.

#### **Additional completion criteria**

- 2.1 Candidates enrolled for the degree shall be required to undertake professional experience as prescribed by the faculty. Candidates may be required to undertake placements away from the campus at which they are enrolled at their own expense.
- 2.2 This course includes a prescribed professional or clinical placement(s) which may involve contact with young people. Students enrolled in this course are therefore subject to Clause 11.3 of the University Requirements for Undergraduate Coursework Awards, which relates to the Suitability to Work with Children Card. Candidates should advise the Director of Professional Experience of any potential conflict of interest with regard to practicums.
- 2.3 Candidates must hold a current First Aid Certificate before undertaking professional or clinical placements. Candidates are responsible for any costs associated with obtaining this certificate.
- 2.4 Some professional/clinical placement agencies may require that candidates hold an advanced cardiopulmonary resuscitation (CPR) certificate before undertaking a professional or clinical

placement. Candidates are responsible for any costs associated with obtaining this certificate.

- 2.5 Candidates must be immunised against Hepatitis B prior to their first clinical placement. Candidates are responsible for any costs associated with obtaining this certificate.

#### Period of candidature/completion

3. The normal time for completion of the course is four years of full-time study or eight years of part-time study. The maximum time for completion is 10 years. The maximum amount of time a student can take as leave of absence from the course is 12 months in total.

#### Pass Conceded

- 4.1 The grade of Pass Conceded will not be awarded for subjects taught in this degree by the Institute of Sport and Exercise Science. This grade may be awarded by other faculties/schools/divisions for other core or elective subjects taught in this course.
- 4.2 A candidate who is granted the grade of Pass Conceded in a subject shall be deemed to have passed the subject and shall be credited with the appropriate credit points but may not enrol for a more advanced subject in any discipline requiring the first as a prerequisite except with the approval of the relevant Associate Dean/Faculty Registrar.
- 4.3 The number of credit points that may be credited at Pass Conceded level shall not exceed 24 for the Bachelor of Exercise Physiology (Clinical).

#### Advanced standing for prior study

5. Candidates for awards of the faculty may apply to obtain advanced standing for previous tertiary study as detailed in the Advanced Standing for Previous Studies and Recognised Prior Learning Policy and associated procedures. Advanced standing for previous study granted towards the Bachelor of Exercise Physiology (Clinical) may only be granted for study undertaken in the previous 10 years.

#### Cancellation of advanced standing

6. Unless the faculty otherwise determines, advanced standing gained for any subject shall be cancelled 10 years after the date of the examination upon which the advanced standing is based if by then the candidate has not completed the course.

#### Administration of the degree

7. The degree shall be administered by the Faculty of Medicine, Health and Molecular Sciences.

### **BACHELOR OF MEDICAL LABORATORY SCIENCE AND BACHELOR OF MEDICAL LABORATORY SCIENCE WITH HONOURS**

*see also Courses and Majors, Bachelor of Medical Laboratory Science and Bachelor of Medical Laboratory Science with Honours on page 121*

1. A candidate for the pass or honours degree in Medical Laboratory Science shall, unless admitted with advanced status, follow a course of study as shown under Undergraduate Courses and Majors to obtain 96 credit points.
2. The normal length of time for completion of either degree is four years of full-time study.
3. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for medical laboratory science before undertaking professional field education projects and clinical placements.

#### Entry to honours (in-course)

4. During the final Teaching Period of level 2, the Head of School on the recommendation from the Medical Laboratory Science degree coordinator will invite applications from students to enter the honours course in level 3.
5. Normally an applicant will have obtained a GPA of not less than 5.0 calculated over the subjects completed for levels 1 and 2 of the course.
6. The Pro-Vice-Chancellor may impose a quota on the number of candidates accepted for entry to honours depending on the availability of supervisors.
7. Entry to honours will require the approval of the Pro-Vice-Chancellor, acting on the recommendation of the Head of School.
8. A candidate undertaking honours shall satisfactorily complete a 9-credit point research based thesis.
9. The award of Honours (I, IIA or IIB) or a pass degree will be determined following consideration of the grades achieved by the candidate over levels 3 and 4 of the course.
10. There shall be no re-examination of the thesis except with the approval of the faculty.

### **School of Medicine and Dentistry Graduate entry to honours**

- 11.1 On successful completion of a pass degree in Medical Laboratory Science, a candidate may apply within 24 months of completion to undertake the graduate honours course.
- 11.2 Normally an applicant will have achieved a GPA of not less than 5.0 calculated over the four levels of the pass degree.
- 11.3 The Pro-Vice-Chancellor, on advice from the Head of School, on the recommendation of the Medical Laboratory Science degree coordinator, may require a candidate to undertake work additional to the pass degree before approving candidature.
- 11.4 The graduate course may be undertaken and be guided by the award rules of any of the relevant approved honours programs offered by the Faculty of Medicine, Health and Molecular Sciences in consultation with the appropriate Head of School, honours coordinator and the coordinator of the Medical Laboratory Science degree.
- 11.5 The program will normally be completed in one year of full-time study.
- 11.6 The graduate course is not available to those who have previously been awarded the Medical Laboratory Science with Honours degree.
- 11.7 The award of Honours (I, IIA, IIB or III) will be determined by the results achieved by the candidate during the period of enrolment in the graduate honours course

#### Transitional Provisions

12. Candidates who have been awarded the Bachelor of Biomedical Sciences or the Bachelor of Science and who wish to use the credits obtained towards the Bachelor of Medical Laboratory Science or the Bachelor of Medical Laboratory Science with Honours shall surrender their previously awarded degree before either Medical Laboratory Science degree is awarded.

### **BACHELOR OF MEDICAL SCIENCE WITH HONOURS**

*see also Courses and Majors, Bachelor of Medical Science with Honours on page 122*

1. The degree will comprise 24 credit points in addition to the preceding three or four years of MBBS study and normally extend over one academic year of full-time study.
2. At the end of Year 3, the Head of the School of Medicine and Dentistry, on the recommendation of the School of Medicine and Dentistry Board of Studies, will invite selected candidates to enter the Bachelor of Medical Science (Honours) program.
3. To be eligible for selection, a student must have successfully completed the first three years of the MBBS program with grades in the top 25% of their cohort over the three preceding years.
4. A student may, with the approval of the Head of School of Medicine and Dentistry, acting on the recommendation of the School of Medicine and Dentistry Board of Studies, defer the program of study until the successful completion of Year 4.
5. A quota on entry into the Bachelor of Medical Science (Honours) program may be applied depending on the availability of supervisors and other resources.
6. A candidate undertaking the Bachelor of Medical Science (Honours) program shall satisfactorily complete a 24-credit point research based thesis.
7. There will be no re-examination of the thesis except with the approval of the faculty.

### **BACHELOR OF MEDICINE, BACHELOR OF SURGERY AND BACHELOR OF MEDICINE, BACHELOR OF SURGERY WITH HONOURS**

*see also Courses and Majors, Bachelor of Medicine, Bachelor of Surgery and Bachelor of Medicine, Bachelor of Surgery with Honours on page 122*

1. A candidate for the degree of Bachelor of Medicine and Bachelor of Surgery shall follow the prescribed course of study shown under Undergraduate Courses and Majors.
2. The requirements for the degree shall be completed in not fewer than six years of full-time study.
3. A person will be eligible to enrol if offered a place in the course by the University after successfully completing the selection procedures established by the School of Medicine and Dentistry, as approved from time to time by the faculty.
4. A candidate shall successfully complete all of the subjects prescribed for one year of study before being eligible to enrol for the subsequent year of study.
5. The grade of Pass Conceded shall not be accepted in any subject.

6. Candidates who fail a mandatory assessment in any subject will be required to undertake further directed learning and complete a supplementary examination in that subject.
7. Candidates who fail a supplementary examination will be required to repeat the relevant year of study.

#### Entry to the Honours degree

- 8.1 At the end of year 4 the Head of the School of Medicine and Dentistry on the recommendation of the School of Medicine and Dentistry Board of Studies will invite selected candidates to enter the honours program. To be eligible for selection, a student must obtain grades in the top 25% of their cohort over all four preceding years. A quota on entry into the honours program may be applied depending on the availability of supervisors.
- 8.2 A candidate undertaking the honours program shall satisfactorily complete a research based thesis comprising not less than 25% of years 5 and 6.
- 8.3 The award of an honours (I, IIA or IIB) degree will be determined by the School of Medicine and Dentistry Board of Studies, based on academic grades in all six years of the program.
- 8.4 There shall be no re-examination of the thesis for the degree of MBBS (Honours), except with the approval of the faculty.

#### BACHELOR OF NURSING SCIENCE

see also *Courses and Majors, Bachelor of Nursing Science and Bachelor of Nursing Science with Honours on page 122*

1. A candidate for the pass degree shall, unless admitted with advanced status, pursue studies:
  - 1.1 for the pre-registration program, a course of study as shown under Undergraduate Courses and Majors to obtain 72 credit points. The normal time for completion of the degree is three years of full-time study and a maximum of five years (or equivalent in part-time study); or
  - 1.2 for the post-registration program, candidates must be a Registered Nurse, currently registered with any Australian State or Territory Nursing Registration Board or equivalent. Candidates will be granted 48 credit points advanced standing in recognition of the studies completed to gain Registered Nurse status. Candidates must complete a course of study as shown under the Undergraduate Courses and Majors to obtain 24 credit points. Alternative subjects may only be selected with the approval of the Head of School of Nursing, Midwifery and Nutrition. The minimum period of candidature shall be one year of full-time or two years of part-time study.
  - 1.3 candidates with a prior degree in a relevant science or health science area (as determined by the Head of School of Nursing, Midwifery and Nutrition) may be granted advanced standing of up to 21 credit points.
2. A candidate for the post-registration course shall complete the prescribed subjects on a full-time or part-time basis.
3. The grade of Pass Conceded shall not be accepted in any subject.
4. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for nursing before undertaking professional field education projects and placements.
5. Except with the approval of the Pro-Vice-Chancellor in exceptional circumstances, a candidate may not enrol for level 2 of the course until all prescribed level 1 subjects have been satisfactorily completed.

#### BACHELOR OF NURSING SCIENCE WITH HONOURS

see also *Courses and Majors, Bachelor of Nursing Science and Bachelor of Nursing Science with Honours on page 122*

1. A person may enrol for the honours degree if that person has:
  - 1.1 completed the requirements of the pass degree or been admitted by the faculty to equivalent status; and
  - 1.2 satisfied the School requirements relating to the standard of academic achievement necessary to proceed to an honours degree.
2. Except with the approval of the faculty, on the advice of the Head of School, the honours studies shall follow on directly from the pass degree and no later than two years following completion of the pass degree.
3. The honours degree shall comprise 24 credit points and normally extend over at least one academic year of full-time study except that with the approval of, and under conditions determined by the

faculty, a candidate may undertake studies on a part-time basis. Such approval will be given only where the applicant can provide evidence that adequate contact throughout the studies with the school can be maintained.

4. A candidate for the honours degree shall undertake such subjects, research and literature projects as the Head of School designates.
5. Except with the approval of the faculty there shall be no re-examination.

#### BACHELOR OF OCCUPATIONAL THERAPY AND BACHELOR OF OCCUPATIONAL THERAPY WITH HONOURS

see also *Courses and Majors, Bachelor of Occupational Therapy and Bachelor of Occupational Therapy with Honours on page 124*

1. A candidate for the pass or honours degree shall, unless admitted with advanced standing for previous studies as determined by the Pro-Vice-Chancellor with approval of the head of Occupational Therapy:
  - 1.1 follow a course of study as detailed in the specific program shown under Undergraduate Courses and Majors to obtain 96 credit points. The normal time for completion of the degree is four years of full-time study. Part-time study will be available;
  - 1.2 academically proficient students may complete the course of study for the pass degree in an accelerated three years; and
  - 1.3 the degree shall be completed in a maximum of seven years from the commencement of candidature;
  - 1.4 for the post-qualification program, candidates must complete an Occupational Therapy Diploma or Degree that is accredited by the World Federation of Occupational Therapists. Candidates will be granted 72 credit points advanced standing in recognition of these studies. Candidates must complete a course of study as shown under the Undergraduate Courses and Majors to obtain 24 credit points. The minimum period of candidature shall be one year of full-time study.
2. Except with the approval of the Pro-Vice-Chancellor in exceptional circumstances, a candidate may not enrol in any OT coded level 3 subject of the course until all prescribed OT coded and RH coded level 1 and level 2 subjects have been satisfactorily completed and a candidate may not enrol in any level 4 subject of the course until all OT coded level 3 subjects have been satisfactorily completed.
3. The grade of Pass Conceded shall not be accepted in any subject.
4. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for Occupational Therapy before or after undertaking professional field education projects and placements.

#### Entry to the Honours degree

- 5.1 At the start of level 3, the Head of School of Public Health, Tropical Medicine and Rehabilitation Sciences on the recommendation of the Occupational Therapy Board of Studies will invite selected students to enter the honours program. To be eligible for selection, a student must obtain a Grade of at least Credit for all subjects from the first two levels. A quota on entry into the honours program may be applied depending on the availability of supervisors.
- 5.2 The thesis of an Honours student must have a research component of at least 50%.
- 5.3 The award of an honours (I, IIA or IIB) or pass degree will be determined by the Occupational Therapy Board of Studies after consideration of the Grade Point Average mark achieved by the candidate over all levels of study.
- 5.4 Except with the approval of the faculty there shall be no re-examination.
- 5.5 There shall be no re-examination for the thesis for the degree of Bachelor of Occupational Therapy with Honours.

#### BACHELOR OF PHARMACY AND BACHELOR OF PHARMACY WITH HONOURS

see also *Courses and Majors, Bachelor of Pharmacy and Bachelor of Pharmacy with Honours on page 125*

1. A candidate for the pass or honours degree in Pharmacy shall, unless admitted with advanced status, follow a course of study as shown under Undergraduate Courses and Majors to obtain 96 credit points.

**Length of course**

- 2.1 The normal time for completion of either degree is not fewer than four years of full-time study.
- 2.2 The requirements for the degree must be completed in a maximum of six years of commencing candidature unless an extension is granted by the Pro-Vice-Chancellor.
- 2.3 Part-time candidature is not permitted at any level, except with the approval of the Head of School on advice from the head of Pharmacy or the academic adviser for Pharmacy.
- 2.4 Except with the approval of the Pro-Vice-Chancellor in exceptional circumstances, a candidate may not enrol in any level 3 subject of the course until all prescribed level 1 and level 2 subjects have been satisfactorily completed and a candidate may not enrol in any level 4 subject of the course until all level 3 subjects have been satisfactorily completed.

**Advanced standing**

3. Notwithstanding the Advanced Standing for Previous Studies and Recognised Prior Learning Policy:
  - 3.1 the Pro-Vice-Chancellor on advice from the Head of the School of Pharmacy and Molecular Sciences may grant advanced standing for one or more subjects completed at unrestricted Pass standard or better;
  - 3.2 the extent of advanced standing granted will be determined by the Head of School on advice from the academic adviser for Pharmacy;
  - 3.3 advanced standing will not normally be granted for subjects prescribed for levels 2, 3 or 4 of the course.
4. The grade of Pass Conceded will not be accepted for any subject.
5. Candidates must satisfactorily complete periods of supervised clinical practice in their course of study, as detailed for each year of the course in the relevant subject outlines.
6. Candidates may be required to undertake clinical or professional placements away from the campus at which they are enrolled at their own expense.
7. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for entry to the pharmacy profession before undertaking clinical practice and research projects.

**Entry to honours (in-course)**

- 8.1 At the start of level 3 of the course the Head of School will invite applications from students wishing to enter the in-course honours course.
- 8.2 Normally an applicant will have obtained a GPA of 6 (Distinction or better) for the subjects completed for levels 1 and 2 of the course.
- 8.3 The Pro-Vice-Chancellor may impose a quota on the number of candidates accepted for entry to the honours course depending on the availability of supervisors.
- 8.4 Entry to the honours course will require the approval of the Pro-Vice-Chancellor, acting on the recommendation of the Head of School.
- 8.5 A candidate undertaking the in-course honours course shall satisfactorily complete a 9-credit point research based thesis.
- 8.6 There shall be no re-examination of the thesis except with the approval of the faculty.
- 8.7 The award of Honours (I, IIA or IIB) or of a pass degree will be determined by the results achieved by the candidates over all four levels of their course of study.

**Graduate entry to honours**

- 9.1 On successful completion of the pass degree in Pharmacy, a candidate may apply within 36 months of completion to undertake the graduate honours course.
- 9.2 Normally an applicant will have achieved a GPA of not less than 5.0 calculated over the four levels of the pass degree.
- 9.3 The Pro-Vice-Chancellor, on advice from the Head of School, may require a candidate to undertake work additional to the pass degree before approving candidature.
- 9.4 The graduate course must be completed in one year of full-time study.
- 9.5 The graduate course is not available to those who have previously been awarded the Pharmacy honours degree.
- 9.6 A candidate for the honours degree shall undertake such subjects, research and literature projects as the Head of School designates.
- 9.7 The award of Honours (I, IIA, IIB or III) will be determined by the results achieved by the candidates during the period of enrolment in the graduate honours course.

**BACHELOR OF PHYSIOTHERAPY AND BACHELOR OF PHYSIOTHERAPY WITH HONOURS**

see also *Courses and Majors, Bachelor of Physiotherapy and Bachelor of Physiotherapy with Honours* on page 126

1. A candidate for the pass or honours degree in Physiotherapy shall, unless admitted with advanced status, follow a course of study as shown under Undergraduate Courses and Majors to obtain 96 credit points.

**Length of course**

- 2.1 The normal time for completion of either degree is not fewer than four years of full-time study.
- 2.2 The requirements for either degree must be completed in a maximum of six years of commencing candidature in the pass degree unless an extension is granted by the Pro-Vice-Chancellor.
- 2.3 Except with the approval of the Pro-Vice-Chancellor in exceptional circumstances, a candidate in either degree may not enrol in any level 3 subject of the course until all prescribed level 1 and level 2 subjects have been satisfactorily completed and a candidate may not enrol in any level 4 subject of the course until all level 3 subjects have been satisfactorily completed.
3. The grade of Pass Conceded shall not be accepted in any subject.
4. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for physiotherapy before undertaking professional field education projects and placements.

**Entry to honours (in-course)**

- 5.1 At the start of level 3 of the course the Head of School, on recommendation from the Physiotherapy program coordinator, will invite applications from students wishing to enter the honours program.
- 5.2 To be eligible for acceptance into the honours program, a student must obtain a GPA of not less than 5.0, calculated over the subjects completed for levels 1 and 2 of the program. All subjects up to and including all level 2 subjects must be passed before commencement of the honours program.
- 5.3 A quota on entry into the honours program may be applied depending on the availability of supervisors.
- 5.4 A candidate undertaking the honours program shall satisfactorily complete a research based thesis, comprising no less than 25% of the final year credit points.
- 5.5 The award of Honours (I, IIA, IIB or III) will be determined following consideration of the standard of the thesis and the grades achieved by the candidate over levels three and four of the course.
- 5.6 There shall be no re-examination of the thesis except with approval of the faculty.

**BACHELOR OF SPEECH PATHOLOGY AND BACHELOR OF SPEECH PATHOLOGY WITH HONOURS**

see also *Courses and Majors, Bachelor of Speech Pathology and Bachelor of Speech Pathology with Honours* on page 127

1. A candidate for the pass or honours degree in Speech Pathology shall, unless admitted with advanced status, follow a course of study as shown under Undergraduate Courses and Majors to obtain 96 credit points.

**Length of course**

- 2.1 The normal time for completion of the degree is four years full-time study or seven years part-time.
- 2.2 The requirements for the degree must be completed in a maximum of seven years of commencing candidature unless an extension is granted by the Pro-Vice-Chancellor of the faculty on the advice of the Head of Speech Pathology.
- 2.3 The maximum amount of time a student can take as leave of absence from the course is one year.
- 2.4 Except with the approval of the Pro-Vice-Chancellor in exceptional circumstances, a candidate may not enrol in any level 3 subject of the course until all prescribed level 1 and level 2 subjects have been satisfactorily completed and a candidate may not enrol in any level 4 subject of the course until all level 3 subjects have been satisfactorily completed.
3. The grade of Pass Conceded shall not be accepted in any subject.
4. Candidates must meet the Professional Experience requirements described under the University requirements for Undergraduate Coursework Awards 11.1, 11.2 and 11.3.

**Entry to the Honours degree**

- 5.1 At the start of level 3, the Head of School, on recommendation from the Speech Pathology course coordinator, will invite applications from students wishing to enter the honours program.

- 5.2 To be eligible for acceptance into the honours program, a student must obtain a GPA of not less than 5.0, calculated over the subjects completed for levels 1 and 2 and for Study Period 1 of level 3 of the course. All subjects, up to and including level 3 Study Period 1, must be passed before commencement of honours.
- 5.3 A quota on entry into the honours program may be applied depending on the availability of supervisors.
- 5.4 A candidate undertaking the honours program shall satisfactorily complete a research based thesis comprising no less than 25% of the final year.
- 5.5 The award of honours (I, IIA, IIB or III) will be determined following consideration of the standard of the thesis and the grades achieved by the candidate over levels 3 and 4 of the course.
- 5.6 There shall be no re-examination of the thesis except with the approval of the faculty.

#### **BACHELOR OF SPORT AND EXERCISE SCIENCE**

see also *Courses and Majors, Bachelor of Sport and Exercise Science and Bachelor of Sport and Exercise Science with Honours on page 128*

**Note:** Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

1. A candidate for the pass degree shall, unless admitted with advanced status, follow a course of study as detailed in the specific Sport and Exercise Science Program shown under Undergraduate Courses and Majors to obtain 72 credit points. The normal time for completion of the degree is three years full-time study.
2. The 72 credit points from Requirement 1 shall include the core program of 66 credit points and at least six credit points from elective subjects.
3. The maximum period of candidature for the degree is normally 10 years.
4. The grade of Pass Conceded shall not be accepted in Sport and Exercise Science, i.e. SP subjects.

#### **BACHELOR OF SPORT AND EXERCISE SCIENCE WITH HONOURS**

see also *Courses and Majors, Bachelor of Sport and Exercise Science and Bachelor of Sport and Exercise Science with Honours on page 128*

**Note:** Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

1. The degree of Bachelor of Sport and Exercise Science with Honours may be undertaken within the Institute of Sport and Exercise Science.
2. A candidate may enrol for the honours degree if that person has:
  - 2.1 completed the requirements of the pass degree or been admitted by the faculty to equivalent status; and
  - 2.2 satisfied the Institute requirements relating to the standard of academic achievement necessary to proceed to an honours degree.
3. Except with the approval of the Pro-Vice-Chancellor, on the advice of the Director of the Institute, the honours studies shall be commenced within two years of completion of the pass degree.
4. The honours degree shall comprise 24 credit points and normally extend over at least one academic year of full-time study except that with the approval of, and under conditions determined by the faculty, a candidate may undertake studies on a part-time basis. Such approval will be given only where the applicant can provide evidence that adequate contact throughout the studies with the School can be maintained.
5. A candidate for the honours degree shall undertake such subjects, research and literature projects as the Director of the Institute designates.
6. Except with the approval of the faculty there shall be no re-examination.

#### **BACHELOR OF SPORT AND EXERCISE SCIENCE-BACHELOR OF BUSINESS**

see also *Courses and Majors, Bachelor of Sport and Exercise Science-Bachelor of Business on page 129*

**Note:** Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

#### **Administration**

1. The joint degree shall be administered by the Pro-Vice-Chancellor of the Faculty of Medicine, Health and Molecular Sciences and the Pro-Vice-Chancellor of the Faculty of Law, Business and the Creative Arts.

#### **Candidature/Completion**

2. A candidate for the joint degree shall pursue studies to obtain 96 credit points. The requirements for the degree are normally completed in four years of full-time study. The maximum period of candidature is eight years of full-time study. The maximum period for leave of absence is two years.

#### **Majors**

- 3.1 In the Bachelor of Business component of the joint degree a candidate may select a major as outlined in the Undergraduate Courses and Majors.
- 3.2 The named major is to be included on the testamur.

#### **Course requirements**

4. A candidate for the joint degree shall satisfy the prerequisite and quota requirements for subjects selected in the course.
5. Withdrawal from the joint degree and conversion to a Bachelor of Sport and Exercise Science or Bachelor of Business shall be approved without loss of advanced standing for any student having completed at least level 1 studies towards the joint degree.
6. A student who has completed the requirements of levels 1 to 4 of the specified course of study shown under Undergraduate Courses and Majors and then withdraws from the joint degree shall consult with the relevant Pro-Vice-Chancellor to determine the completion requirements for the degree of Bachelor of Sport and Exercise Science or the degree of Bachelor of Business.

#### **Advanced standing for prior study**

- 7.1 Candidates for the awards of Bachelor of Sport and Exercise Science-Bachelor of Business may apply for obtain advanced standing for previous tertiary study in accordance with the Advanced Standing for Previous Studies and Recognised Prior Learning Policy and associated procedures.
- 7.2 Advanced standing for previous study granted towards the joint degree may only be granted for study undertaken in the previous 12 years.

#### **BACHELOR OF SPORT AND EXERCISE SCIENCE-BACHELOR OF EDUCATION**

see also *Courses and Majors, Bachelor of Sport and Exercise Science-Bachelor of Education on page 130*

Completion of the joint degree shall qualify graduates for registration as a teacher of human movement and multistrand science.

**Note:** Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

1. The joint degree shall be administered by the Pro-Vice-Chancellor of the Faculty of Medicine, Health and Molecular Sciences and the Pro-Vice-Chancellor of the Faculty of Arts, Education and Social Sciences.
2. An applicant for enrolment in the joint degree shall possess the prerequisites and satisfy quota requirements specified for the subjects constituting the first year of the course.
3. Award of the degree requires completion of 114 credit points.
4. The normal time for completion of the degree will be four and a half years full-time study.
5. The maximum period for candidature of the degree shall be nine years full-time study.
6. Withdrawal from the joint degree and conversion to a Bachelor of Sport and Exercise Science or Bachelor of Education shall be granted without loss of advanced standing for any student having completed the first year requirements of the joint degree.
7. A candidate who has completed the requirements of levels 1 to 5 of the course of study prescribed for the completion of the joint degree and then withdraws from the joint degree shall consult the relevant Pro-Vice-Chancellor on the requirements for completion of the degree of Bachelor of Sport and Exercise Science or Bachelor of Education.
8. All candidates enrolled for the joint degree without previous approved teacher education shall be required to undertake field and professional experience as prescribed by the Faculty of Arts, Education and Social Sciences.

## **BACHELOR OF SPORT AND EXERCISE SCIENCE — BACHELOR OF EDUCATION WITH HONOURS**

see also *Courses and Majors, Bachelor of Sport and Exercise Science-Bachelor of Education with Honours on page 130*

**Note:** The Bachelor of Sport and Exercise Science-Bachelor of Education with Honours is not offered in 2009. No new enrolments will be accepted. Students currently enrolled may continue with their studies and should refer to previous editions of the Course and Subject Handbook.

### **Requirements for the course**

1. A candidate for the degree shall follow an approved course of study as specified in the program shown under Undergraduate Courses and Majors to obtain 126 credit points. This shall include the specified core subjects and elective subjects.

### **Period of candidature/completion**

2. The normal time for completion of the course is five and one half years full-time study or 11 years part-time.
3. The maximum time for completion is 12 years.
4. The maximum amount of time a student can take as leave of absence from the course is two years.

### **Pass Conceded**

5. The number of credit points that may be carried at Pass Conceded level shall not exceed three for the Bachelor of Sport and Exercise Science-Bachelor of Education with Honours unless authorised by the Pro-Vice-Chancellors of the relevant faculties.

### **Advanced standing for prior study**

6. Candidates for awards of the faculty may apply to obtain advanced standing for previous tertiary study as detailed in the Advanced Standing for Previous Studies and Recognised Prior Learning Policy and associated procedures.
7. Advanced standing for previous study granted towards the Bachelor of Sport and Exercise Science-Bachelor of Education with Honours may only be granted for study undertaken in the previous 10 years.

### **Cancellation of advanced standing**

8. Unless the faculty otherwise determines, advanced standing granted for any subject shall be cancelled 10 years after the date of the examination upon which the advanced standing is based if by then the candidate has not completed the course.

### **Administration of the degree**

9. The joint honours degree shall be administered by the Pro-Vice-Chancellor of the Faculty of Medicine, Health and Molecular Sciences and the Pro-Vice-Chancellor of the Faculty of Arts, Education and Social Sciences.

## **BACHELOR OF VETERINARY SCIENCE**

see also *Courses and Majors, Bachelor of Veterinary Science on page 130*

1. A candidate for the pass degree in Veterinary Science shall, unless admitted with advanced status, follow a course of study as shown under Undergraduate Courses and Majors to obtain 120 credit points.

### **Length of course**

- 2.1 The normal time for completion of the degree is not fewer than five years of full-time study.
- 2.2 The requirements for the degree must be completed in a maximum of seven years of commencing candidature unless an extension is granted by the Pro-Vice-Chancellor.
- 2.3 Except with the approval of the Faculty Pro-Vice-Chancellor in exceptional circumstances, a candidate may not enrol in any level 2 subject of the course until all prescribed level 1 subjects have been satisfactorily completed.
3. The grade of Pass Conceded shall not be accepted in any subject.
4. Candidates may be required to be interviewed, in accordance with procedures approved from time to time by the faculty, to assess their suitability for veterinary science before undertaking professional field education projects and placements.
5. Candidates who fail a mandatory assessment in any subject will be required to undertake further directed learning and complete a supplementary examination in that subject.
6. Candidates who fail a supplementary examination will be required to repeat the relevant year of study.

## **DIPLOMA OF HEALTH SCIENCE**

see also *Courses and Majors, Diploma of Health Science on page 131*

### **Requirements for the course**

1. A candidate for the diploma shall follow an approved course of study as specified in the program shown under Undergraduate Courses and Majors to obtain 24 credit points. This shall include the specified core subjects and elective subjects.

### **Period of candidature/completion**

2. The normal time for completion of the course is one year full-time study or two years part-time.
3. The maximum time for completion is three years.
4. The maximum amount of time a student can take as leave of absence from the course is one year.

### **Pass Conceded**

5. A grade of Pass (P) or higher must be obtained in all core subjects.

### **Administration of the degree**

6. The Diploma of Health Science shall be administered by the Faculty of Faculty of Medicine, Health and Molecular Sciences.

## **CERTIFICATE OF BIOMEDICAL SCIENCE**

see also *Courses and Majors, Certificate of Biomedical Science on page 130*

### **Enrolment**

- 1.1 The award of Certificate of Biomedical Science may be undertaken in the Schools of the Faculty of Medicine, Health and Molecular Sciences.
- 1.2 Candidates will normally satisfy the entry requirements listed in the Master Schedule of Subjects for any subject taken as part of the Certificate.
- 1.3 Candidates will not qualify for any recognition of prior learning as advanced standing towards the requirements of the Certificate.

### **Duration**

- 2.1 Candidates must complete subjects to a total value of at least six credit points.
- 2.2 Candidates may select subjects from the list shown under Undergraduate Courses and Majors, on the advice of the Head of School in consultation with the relevant discipline staff.

### **Use of Certificate for advanced standing towards higher awards**

3. Candidates who wish to use any of the subjects undertaken for the Certificate of Biomedical Science as advanced standing towards a higher award of the University, shall be required to surrender the Certificate before the higher award is conferred.



## FACULTY OF MEDICINE, HEALTH AND MOLECULAR SCIENCES

### UNDERGRADUATE COURSES AND MAJORS

Students are advised that all subjects are offered on condition that staff and resources are available.

Queensland Health requires that all health care worker students be immunised against Hepatitis B prior to their first clinical placement within a Queensland Health Facility. Consequently, the Faculty of Medicine, Health and Molecular Sciences has developed an Infectious Diseases policy to assist in the management of this requirement. The policy requires immunisation for Hepatitis B prior to the first clinical placement. It is a condition of enrolment that all students will comply with the Faculty's Infectious Diseases policy or any amended or substituted policy applying at the time of placement. Students should ensure that they read the policy before deciding to proceed to enrolment.

#### Indigenous Health Careers Access Program.

The Indigenous Health Careers Access Program (IHCAP) is designed to strengthen the capabilities of Aboriginal and Torres Strait Islander students and provide practical skills for dealing with tertiary study, and the knowledge to enable them to progress into the later years of their chosen degree program with a solid foundation in the basic sciences.

The IHCAP will be available in the following degrees of the Faculty of Medicine, Health and Molecular Sciences:

- Bachelor of Biomedical Sciences
- Bachelor of Medical Laboratory Science
- Bachelor of Nursing Science
- Bachelor of Occupational Therapy
- Bachelor of Pharmacy
- Bachelor of Physiotherapy
- Bachelor of Speech Pathology
- Bachelor of Sport and Exercise Science
- Bachelor of Veterinary Science

## Bachelor of Biomedical Sciences and Bachelor of Biomedical Sciences with Honours

### Townsville

Biomedical sciences are those disciplines which form the basis of our understanding of how human and animal bodies function and the responses of the body to various disease agents, intrinsic physiological and biochemical aberrations and environmental influences. In essence, the biomedical sciences underpin the clinical practice of veterinary and human medicine.

Biomedical sciences incorporate a range of disciplines including anatomy and histology, physiology, biochemistry, microbiology, parasitology, immunology, pathobiology, epidemiology and biostatistics and nutrition and metabolism.

YEAR 1	TEACHING PERIOD 1
BM1000:03	Introductory Biochemistry and Microbiology
BZ1001:03	Fundamentals of Biology
CH1001:03	Chemistry: A Central Science
HS1000:03	Epidemiology

TEACHING PERIOD 2	
AT1210:03	Introductory Human Anatomy and Histology
CH1002:03	Chemistry: Principles and Applications
PP1201:03	Introduction to Physiology and Pharmacology
3 credit points from level 1 AN, CP, CU, HS, MB or PH subjects.	

YEAR 2	TEACHING PERIOD 1
AT2110:03	Comparative Mammalian Anatomy and Histology
BC2013:03	Principles of Biochemistry
MI2011:03	Microbial Diversity
PP2101:03	Medical Physiology I

TEACHING PERIOD 2	
BC2023:03	Molecular Genetics
BC2024:03	Cell Regulation
MI2021:03	Introductory Infectious Diseases and Immunobiology
PP2201:03	Medical Physiology 2

**YEAR 3**  
3 credit points (inclusive of core subjects) from each of the subject groups 1 to 4 plus 12 credit points from amongst any of the subjects listed in groups 1 to 4

#### Group 1 — Biochemistry

CORE SUBJECT	
BC3101:03	Genes, Genomes and Development (TP 1)
OPTIONS	
BC3102:03	Advanced Cell Biology (TP 1)
BC3201:03	Biotechnology (TP 2)
BC3202:03	Special Topics in Biochemistry and Molecular Biology (TP 2)

#### Group 2 — Physiology

CORE SUBJECT	
PP3101:03	Advanced Physiology (TP 1)
OPTIONS	
PP3103:03	Nutritional Physiology and Metabolism (TP 1)
PP3201:03	Applied Physiology (TP 2)
PP3203:03	Reproductive Biology and Endocrinology (TP 2)

#### Group 3 — Pathophysiology and Pharmacology

PP3150:03	Chemical Pharmacology (TP 1)
PP3151:03	General Pathobiology (TP 1)
PP3251:03	Systemic Pathophysiology and Therapeutics (TP 2)
PP3252:03	Neuropharmacology (TP 2)

#### Group 4 — Microbiology and Immunology

CORE SUBJECT	
MI3021:03	Clinical Microbiology (TP 1)
OPTIONS	
MI3041:03	Food Microbiology (TP 2)
MI3051:03	Mechanisms of Infectious Diseases (TP 2)
MI3061:03	Advanced Immunobiology (TP 1)

**YEAR 4 (Honours Degrees)****Anatomy****Townsville**

AT4001:12 Anatomy Honours Part 1 of 2  
 AT4002:12 Anatomy Honours Part 2 of 2  
 OR

AT4003:06 Anatomy Honours (Part-time) Part 1 of 4  
 AT4004:06 Anatomy Honours (Part-time) Part 2 of 4  
 AT4005:06 Anatomy Honours (Part-time) Part 3 of 4  
 AT4006:06 Anatomy Honours (Part-time) Part 4 of 4

**Biochemistry and Molecular Biology****Townsville**

BC4002:12 Biochemistry and Molecular Biology Honours Part 1 of 2  
 BC4003:12 Biochemistry and Molecular Biology Honours Part 2 of 2

**Microbiology and Immunology****Townsville**

MI4000:12 Microbiology and Immunology Honours Part 1 of 2  
 MI4001:12 Microbiology and Immunology Honours Part 2 of 2  
 OR  
 MI4010:06 Microbiology and Immunology Honours (Part-time) Part 1 of 4  
 MI4011:06 Microbiology and Immunology Honours (Part-time) Part 2 of 4  
 MI4012:06 Microbiology and Immunology Honours (Part-time) Part 3 of 4  
 MI4013:06 Microbiology and Immunology Honours (Part-time) Part 4 of 4

**Pharmacology****Townsville**

PP4051:12 Pharmacology Honours Part 1 of 2  
 PP4052:12 Pharmacology Honours Part 2 of 2  
 OR  
 PP4053:06 Pharmacology Honours (Part-time) Part 1 of 4  
 PP4054:06 Pharmacology Honours (Part-time) Part 2 of 4  
 PP4055:06 Pharmacology Honours (Part-time) Part 3 of 4  
 PP4056:06 Pharmacology Honours (Part-time) Part 4 of 4

**Physiology****Townsville, Cairns**

PP4001:12 Physiology Honours Part 1 of 2  
 PP4002:12 Physiology Honours Part 2 of 2  
 OR  
 PP4003:06 Physiology Honours (Part-time) Part 1 of 4  
 PP4004:06 Physiology Honours (Part-time) Part 2 of 4  
 PP4005:06 Physiology Honours (Part-time) Part 3 of 4  
 PP4006:06 Physiology Honours (Part-time) Part 4 of 4

**Indigenous Health Careers Access Program****Townsville****YEAR 1****TEACHING PERIOD 1**

CP1030:03 Introduction to Information Technology  
 CU1010:03 Effective Writing  
 HS1000:03 Epidemiology  
 MA1020:03 Preparatory Mathematics

**TEACHING PERIOD 2**

AT1210:03 Introductory Human Anatomy and Histology  
 CH1020:03 Preparatory Chemistry  
 PH1001:03 Preparatory Physics

**YEAR 2****TEACHING PERIOD 1**

BM1000:03 Introductory Biochemistry and Microbiology  
 BZ1001:03 Fundamentals of Biology  
 CH1001:03 Chemistry: A Central Science

**TEACHING PERIOD 2**

CH1002:03 Chemistry: Principles and Applications  
 PP1201:03 Introduction to Physiology and Pharmacology  
 Choose one 3 credit point level one AN, CP, CU, HS, MB or PH subject

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Biomedical Sciences as standard enrolment.

**Bachelor of Dental Surgery****Cairns**

This course aims to produce Dental Surgery graduates competent to function as a generalist Dentist in accordance with the Dental profession's scope of practice. Students complete 120 credit points as follows:

**YEAR 1****TEACHING PERIOD 1**

BM1071:03 Anatomy and Physiology for Dentists 1  
 CH1010:03 Biological Chemistry  
 DS1001:03 Introduction to Dental Science 1  
 RH1002:03 Communication Skills for Therapy

**TEACHING PERIOD 2**

BM1072:03 Anatomy and Physiology for Dentists 2  
 CH1013:03 Chemistry for the Health Sciences  
 DS1002:03 Introduction to Dental Science 2  
 HS1401:03 Health and Health Care in Australia

**YEAR 2****TEACHING PERIOD 1**

DS2001:03 Biological Sciences for Dentistry 1 (Growth, Development and Microbiology)  
 DS2003:03 Operative Dentistry 1  
 HS2402:03 Health Professional Research 1  
 HS2403:03 Health Promotion for Health Professionals

**TEACHING PERIOD 2**

DS2002:03 Biological Sciences for Dentistry 2 (Pathology and Pharmacology)  
 DS2004:03 Operative Dentistry 2  
 HS2401:03 Rural and Remote Primary and Public Health Care  
 RH2002:03 Clinical Medicine for Therapy

**YEAR 3****TEACHING PERIOD 1**

DS3001:06 Dental Practice 1  
 DS3003:03 Special Topics in Dentistry 1 (Paedodontics and Orthodontics)  
 DS3005:03 Preventative Dentistry at the Community and Individual Level

**TEACHING PERIOD 2**

DS3002:06 Dental Practice 2  
 DS3004:03 Special Topics in Dentistry 2  
 HS1003:03 Lifespan Development for Health A

**YEAR 4****TEACHING PERIOD 1**

DS4001:09 Dental Practice 3  
 DS4003:03 Special Topics in Dentistry 1 (Oral Surgery and Oral Medicine)

**TEACHING PERIOD 2**

DS4002:09 Dental Practice 4  
 DS4004:03 Integrated Dental Practice

**YEAR 5****TEACHING PERIOD 1**

DS5001:09 Dental Practice 5  
 DS5002:03 Oral Health Options 1

**TEACHING PERIOD 2**

DS5003:09 Dental Practice 6  
 DS5004:03 Oral Health Options 2

**Indigenous Health Careers Access Program****Cairns**

Students complete 135 credit points as follows:

**YEAR 1**

21 credit points:

CH1020:03 Preparatory Chemistry  
 CP1030:03 Introduction to Information Technology  
 CU1010:03 Effective Writing  
 HS1401:03 Health and Health Care in Australia  
 MA1020:03 Preparatory Mathematics  
 RH1002:03 Communication Skills for Therapy  
 WS1006:03 Self in Professional Helping

**YEAR 2**

18 credit points:

BM1071:03 Anatomy and Physiology for Dentists 1  
 BM1072:03 Anatomy and Physiology for Dentists 2  
 CH1010:03 Biological Chemistry  
 CH1013:03 Chemistry for the Health Sciences  
 DS1001:03 Introduction to Dental Science 1  
 DS1002:03 Introduction to Dental Science 2

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Dental Surgery as standard enrolment.

## **Bachelor of Exercise Physiology (Clinical) and Bachelor of Exercise Physiology (Clinical) with Honours**

**Townsville**

This course aims to produce graduates with the skills and competencies to prevent disease and injury and to restore function in persons with disease or injury.

**LEVEL 1****TEACHING PERIOD 1**

BM1061:03	Anatomy and Physiology for Sport and Exercise Science 1
MA1020:03	Preparatory Mathematics
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity

**Note:** Students with a HA or better in Mathematics B over four semesters must select any three credit point level 1 subject in place of MA1020:03.

**TEACHING PERIOD 2**

BM1062:03	Anatomy and Physiology for Sport and Exercise Science 2
HS1401:03	Health and Health Care in Australia
PH1001:03	Preparatory Physics
SP1002:03	Sport and Exercise Nutrition

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
SP2003:03	Functional Kinesiology and Biomechanics
SP2007:03	Physiological Basis for Exercise and Sport

**TEACHING PERIOD 2**

SP2006:03	Exercise Testing and Prescription for Health
SP2009:03	Strength Training and Conditioning (SP6)
SP2101:03	Exercise Prescription Practices and Procedures

Select 3 credit points (one subject) from the following:

BU1011:03	Business, Leisure and Society
BU2005:03	Entrepreneurship
BU2007:03	Project Management
HS1003:03	Lifespan Development for Health A
HS2401:03	Rural and Remote Primary and Public Health Care
SP2002:03	Vocational Health and Safety
SP2102:03	Analytical Procedures in Clinical Exercise Physiology

or

Any level 1 or 2 subject

**LEVEL 3****TEACHING PERIOD 1**

SP3006:03	Sports Medicine
SP3007:03	Dynamics of Sport and Exercise Behaviour 1
SP3008:03	Sport and Exercise Science Practice
SP3010:03	Dynamics of Sport and Exercise Behaviour 2

**TEACHING PERIOD 2**

SP3004:03	Motor Learning and Motor Control
SP3005:03	Advanced Biomechanics
SP3011:03	Sports Training and Rehabilitation
SP3014:03	Independent Project in Sport and Exercise Science

**LEVEL 4****TEACHING PERIOD 1**

SP4103:06	Clinical Exercise Physiology 1 - Cardiovascular and Metabolic (SP25)
SP4104:06	Clinical Exercise Physiology 2 - Musculoskeletal and Neuromuscular/Neurological

**TEACHING PERIOD 2**

SP4108:06	Practicum in Clinical Exercise Physiology 1 - Musculoskeletal and Neuromuscular/Neurological
SP4109:06	Practicum in Clinical Exercise Physiology 2 - Cardiovascular and Metabolic

**Honours****LEVEL 1****TEACHING PERIOD 1**

BM1061:03	Anatomy and Physiology for Sport and Exercise Science 1
MA1020:03	Preparatory Mathematics
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity

**Note:** Students with a HA or better in Mathematics B over four semesters must select any three credit point level 1 subject in place of MA1020:03.

**TEACHING PERIOD 2**

BM1062:03	Anatomy and Physiology for Sport and Exercise Science 2
HS1401:03	Health and Health Care in Australia
PH1001:03	Preparatory Physics
SP1002:03	Sport and Exercise Nutrition

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
SP2003:03	Functional Kinesiology and Biomechanics
SP2007:03	Physiological Basis for Exercise and Sport

**TEACHING PERIOD 2**

SP2006:03	Exercise Testing and Prescription for Health
SP2009:03	Strength Training and Conditioning (SP6)
SP2101:03	Exercise Prescription Practices and Procedures

plus

Select 3 credit points (one subject) from the following:

BU1011:03	Business, Leisure and Society
BU2005:03	Entrepreneurship
BU2007:03	Project Management
HS1003:03	Lifespan Development for Health A
HS2401:03	Rural and Remote Primary and Public Health Care
SP2002:03	Vocational Health and Safety
SP2102:03	Analytical Procedures in Clinical Exercise Physiology

or

Any level 1 or 2 subject

**LEVEL 3****TEACHING PERIOD 1**

SP3006:03	Sports Medicine
SP3007:03	Dynamics of Sport and Exercise Behaviour 1
SP3008:03	Sport and Exercise Science Practice
SP3012:03	Clinical Exercise Physiology Independent Study (Honours) Part 1 of 2

**TEACHING PERIOD 2**

SP3004:03	Motor Learning and Motor Control
SP3005:03	Advanced Biomechanics
SP3011:03	Sports Training and Rehabilitation
SP3013:03	Clinical Exercise Physiology Independent Study (Honours) Part 2 of 2

**LEVEL 4****TEACHING PERIOD 1**

SP4011:03	Honours Thesis and Presentation Part 1 of 2
SP4104:06	Clinical Exercise Physiology 2 - Musculoskeletal and Neuromuscular/Neurological
SP4203:03	Clinical Exercise Physiology 1 - Cardiovascular and Metabolic (Honours) (SP25)

**TEACHING PERIOD 2**

SP4012:03	Honours Thesis and Presentation Part 2 of 2
SP4108:06	Practicum in Clinical Exercise Physiology 1 - Musculoskeletal and Neuromuscular/Neurological
SP4209:03	Practicum in Clinical Exercise Physiology 2 - Cardiovascular and Metabolic (Honours)

## **Indigenous Health Careers Access Program**

**Townsville**

Students complete 114 credit points as follows:

**YEAR 1**

AT1210:03	Introductory Human Anatomy and Histology
CH1020:03	Preparatory Chemistry
CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
PH1001:03	Preparatory Physics
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity

**YEAR 2**

BM1061:03	Anatomy and Physiology for Sport and Exercise Science 1
BM1062:03	Anatomy and Physiology for Sport and Exercise Science 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
MA1020:03	Preparatory Mathematics
SP1002:03	Sport and Exercise Nutrition
WS1006:03	Self in Professional Helping

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Exercise Physiology (Clinical) as standard enrolment.

## Bachelor of Medical Laboratory Science and Bachelor of Medical Laboratory Science with Honours

Townsville

**LEVEL 1****TEACHING PERIOD 1**

BM1000:03	Introductory Biochemistry and Microbiology
CH1001:03	Chemistry: A Central Science
HS1000:03	Epidemiology
ML1101:03	Pathology Sample Collection and Transport (also offered in SP6)

**TEACHING PERIOD 2**

AT1210:03	Introductory Human Anatomy and Histology
CH1002:03	Chemistry: Principles and Applications
HS1401:03	Health and Health Care in Australia
PP1201:03	Introduction to Physiology and Pharmacology

**LEVEL 2****TEACHING PERIOD 1**

AT2110:03	Comparative Mammalian Anatomy and Histology
BC2013:03	Principles of Biochemistry
MI2011:03	Microbial Diversity
PP2101:03	Medical Physiology 1

**TEACHING PERIOD 2**

BC2023:03	Molecular Genetics
BC2024:03	Cell Regulation
MI2021:03	Introductory Infectious Diseases and Immunobiology
PP2201:03	Medical Physiology 2

**LEVEL 3****PASS DEGREE****TEACHING PERIOD 1**

BC3101:03	Genes, Genomes and Development
MI3021:03	Clinical Microbiology
MI3061:03	Advanced Immunobiology
PP3151:03	General Pathobiology

**TEACHING PERIOD 2**

MI3051:03	Mechanisms of Infectious Diseases
ML3102:03	Laboratory Management and Quality Assurance
PP3251:03	Systemic Pathophysiology and Therapeutics 3 credit points from the following:
BC3201:03	Biotechnology (Forensic stream)
CH2012:03	Environmental Analytical Techniques (Forensic stream)
MI3041:03	Food Microbiology (Pathology stream)
PP3201:03	Applied Physiology (Pathology stream)

**HONOURS DEGREE IN BIOCHEMISTRY****TEACHING PERIOD 1**

BC3401:03	Medical Laboratory Science Biochemistry Honours
MI3021:03	Clinical Microbiology
MI3061:03	Advanced Immunobiology
PP3151:03	General Pathobiology

**TEACHING PERIOD 2**

As per Teaching Period 2, level 3, pass degree

**HONOURS DEGREE IN MICROBIOLOGY****TEACHING PERIOD 1**

BC3101:03	Genes, Genomes and Development
MI3061:03	Advanced Immunobiology
MI3421:03	Medical Laboratory Science Microbiology Honours
PP3151:03	General Pathobiology

**TEACHING PERIOD 2**

As per Teaching Period 2, level 3, pass degree

**HONOURS DEGREE IN PHYSIOLOGY****TEACHING PERIOD 1**

BC3101:03	Genes, Genomes and Development
MI3021:03	Clinical Microbiology
MI3061:03	Advanced Immunobiology
PP3451:03	Medical Laboratory Science Physiology Honours

**TEACHING PERIOD 2**

As per Teaching Period 2, level 3, pass degree

**LEVEL 4****PASS DEGREE****TEACHING PERIOD 1**

ML4305:03	Immunohaematology (SP5)
ML4307:03	Haematology 1 (SP4)
ML4308:03	Haematology 2 (SP4)

**TEACHING PERIOD 2**

ML4301:03	Clinical Biochemistry 1 (SP7)
ML4302:03	Clinical Biochemistry 2 (SP8)
ML4303:03	Clinical Placement 1 (SP6)
ML4304:03	Clinical Placement 2 (SP6)
ML4309:03	Histology and Cytology Techniques (SP8)

**HONOURS DEGREE**

(applicable to all majors shown at level 3)

**TEACHING PERIOD 1**

ML4305:03	Immunohaematology (SP5)
ML4307:03	Haematology 1 (SP4)
ML4308:03	Haematology 2 (SP4)
ML4404:03	Medical Laboratory Science Research Elective (SP5)

**TEACHING PERIOD 2**

ML4301:03	Clinical Biochemistry 1 (SP7)
ML4302:03	Clinical Biochemistry 2 (SP8)
ML4309:03	Histology and Cytology Techniques (SP8)
ML4405:03	Clinical Placement (Honours) (SP10)

**Indigenous Health Careers Access Program**

Townsville

**YEAR 1****TEACHING PERIOD 1**

CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
HS1000:03	Epidemiology
MA1020:03	Preparatory Mathematics

**TEACHING PERIOD 2**

AT1210:03	Introductory Human Anatomy and Histology
CH1020:03	Preparatory Chemistry
PH1001:03	Preparatory Physics

**YEAR 2****TEACHING PERIOD 1**

BM1000:03	Introductory Biochemistry and Microbiology
CH1001:03	Chemistry: A Central Science
ML1101:03	Pathology Sample Collection and Transport

**TEACHING PERIOD 2**

CH1002:03	Chemistry: Principles and Applications
HS1401:03	Health and Health Care in Australia
PP1201:03	Introduction to Physiology and Pharmacology
Choose one 3 credit point level one AN, CP, CU, HS, MB or PH subject	

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Medical Laboratory Science as standard enrolment.

## Bachelor of Medical Science with Honours

### Townsville

Research projects, approved by the School of Medicine and Dentistry Bachelor of Medical Science (Honours) Committee, will be offered by academic staff within the School of Medicine and Dentistry or related academic disciplines. Eligible disciplines outside the School of Medicine will include all of those, which the MBBS addresses in an integrated manner during the first three years including disciplines within the Schools of:

Veterinary and Biomedical Sciences  
Pharmacy and Molecular Sciences  
Anthropology, Archaeology and Sociology  
Psychology  
Public Health, Tropical Medicine and Rehabilitation Sciences.

Specifically students will complete:

- an introductory seminar within a month of commencement outlining the aims and hypotheses of the research project, a timetable for completion and demonstration of appropriate facilities and ethical clearances for the work;
- maintenance of laboratory books or diaries (depending on the field of study) as a record of activities;
- a literature review of 7,000-10,000 words;
- a research project leading to completion of a thesis of not less than 10,000 and not more than 20,000 words;
- an exit seminar to outline the most significant findings of the research in the context of the field;
- attendance at components of coursework usually completed by honours students within the discipline (compulsory task);
- attendance at research seminars of the School of Medicine and the discipline in which the research is conducted (compulsory task);
- students will be required to address relevant animal or human ethics issues through applying to the University's Ethics Committee for permission to conduct their project (compulsory task);
- before commencing their research, students must have completed relevant safety/training courses eg laboratory safety for lab-based programs (compulsory task).

Assessment of the program will take the following form:

- 5% seminar outlining initial proposal of research;
- 20% literature review;
- 10% exit seminar;
- 50% final thesis;
- 5% log books/diaries;
- 10% supervisor assessment (diligence, participation, etc).

### LEVEL 4

#### TEACHING PERIOD 1

MD4110:12 Medical Science Honours Part 1 of 2

#### TEACHING PERIOD 2

MD4120:12 Medical Science Honours Part 2 of 2

## Bachelor of Medicine, Bachelor of Surgery and Bachelor of Medicine, Bachelor of Surgery with Honours

### Townsville

### LEVEL 1

#### STUDY PERIOD 1

MD1010:12 Introduction to Integrated Medical Studies Part 1 of 2

#### STUDY PERIOD 2

MD1020:12 Introduction to Integrated Medical Studies Part 2 of 2

### LEVEL 2

#### STUDY PERIOD 1

MD2010:12 Integrated Human System Pathophysiology Part 1 of 2

#### STUDY PERIOD 2

MD2020:09 Integrated Human System Pathophysiology Part 2 of 2

MD2008:03 Independent Study

or

Elective:03 To be discussed with Dean of Medicine

### LEVEL 3

#### STUDY PERIOD 1

MD3010:12 Introduction to Clinical Healthcare Part1 of 2

#### STUDY PERIOD 2

MD3020:12 Introduction to Clinical Healthcare Part 2 of 2

### LEVEL 4

#### STUDY PERIOD 1

MD4010:12 Integrated Pathology and Clinical Medicine Part 1 of 2

#### STUDY PERIOD 2

MD4020:12 Integrated Pathology and Clinical Medicine Part 2 of 2

### LEVEL 5

#### STUDY PERIOD 3

MD5010:06 Integrated Clinical Practice Part 1 of 3

#### STUDY PERIOD 21

MD5020:09 Integrated Clinical Practice Part 2 of 3

#### STUDY PERIOD 22

MD5030:09 Integrated Clinical Practice Part 3 of 3

### LEVEL 6

#### STUDY PERIOD 3

MD6010:06 Advanced Clinical Medicine Part 1 of 3

#### STUDY PERIOD 21

MD6020:09 Advanced Clinical Medicine Part 2 of 3

#### STUDY PERIOD 22

MD6030:09 Advanced Clinical Medicine Part 3 of 3

### Honours

### LEVEL 5

#### STUDY PERIOD 3

MD5110:06 Integrated Clinical Practice (Honours) Part 1 of 3

#### STUDY PERIOD 21

MD5120:09 Integrated Clinical Practice (Honours) Part 2 of 3

#### STUDY PERIOD 22

MD5130:09 Integrated Clinical Practice (Honours) Part 3 of 3

### LEVEL 6

#### STUDY PERIOD 3

MD6110:06 Advanced Clinical Medicine (Honours) Part 1 of 3

#### STUDY PERIOD 21

MD6120:09 Advanced Clinical Medicine (Honours) Part 2 of 3

#### STUDY PERIOD 22

MD6130:09 Advanced Clinical Medicine (Honours) Part 3 of 3

## Bachelor of Nursing Science and Bachelor of Nursing Science with Honours

Townsville, Cairns, Mt Isa, External (see below)

### Majors:

- General Nursing
- Mental Health Nursing

The Pre-registration program within the Bachelor of Nursing Science is an integrated three-year pass degree with graduates eligible to apply for registration to practise or to take the option of a fourth honours year. It is offered on a full-time or part-time internal basis and by part-time external basis. Students undertaking the course externally will be required to have some attendance at the Townsville campus (eg residential schools). A Fast-Track Nursing Program and Indigenous Health Careers Access Program are also available.

The post-registration Bachelor of Nursing Science degree provides an opportunity for registered and practising nurses to formalise their education at the Bachelor's level.

The course focus on the theoretical and applied dimensions of human caring. This highlights both the needs of the carer (the nurse) and the cared for (the patient or client). Theoretical modules are linked with "hands on" experience. The graduate will develop a wide range of

strategies and skills to assist individuals and families in their experience of health and illness.

Graduates will be able to undertake fulfilling professional careers in North Queensland, in all states and territories of Australia and overseas.

## Pre-Registration

### General Nursing

Townsville, Cairns, Mt Isa, Thursday Island,

External (see below)

Students who commenced this course prior to 2006 should consult the Nursing Sciences academic adviser regarding degree format and subject selections.

#### LEVEL 1

##### TEACHING PERIOD 1

BM1011:03	Physiological Systems and Processes 1
HS1005:03	Lifespan Development for Health
HS1111:03	Interactive Processes 1
NS1211:03	Foundations of Nursing 1

##### TEACHING PERIOD 2

BM1022:03	Physiological Systems and Processes 2
NS1012:03	Nursing Inquiry 1 – Ways of Knowing
NS1220:03	Primary Health Care
NS1222:03	Foundations of Nursing 2

#### LEVEL 2

##### TEACHING PERIOD 1

HS2000:03	Social Constructions of Health in Australia
NS2015:03	Nursing Inquiry 2 – Law and Ethics
NS2022:03	Transitions into Nursing 1
PP2131:03	Human Pathophysiology and Pharmacology 1

##### TEACHING PERIOD 2

HS2101:03	Indigenous Health Studies for Nursing Sciences
NS2112:03	Interactive Processes 2
NS2214:03	Transitions into Nursing 2A
PP2231:03	Human Pathophysiology and Pharmacology 2

#### LEVEL 3

##### TEACHING PERIOD 1

NS3118:03	Nursing Research
NS3223:03	Preparation for Practice
NS3320:03	Community Approaches to Care
NS3360:03	Introduction to Psychiatric Mental Health Nursing

##### TEACHING PERIOD 2

NS3224:03	Integrated Nursing 2
NS3322:03	Nursing in the North
NS3340:03	Nursing for Chronic Illness and Palliative Care
NS3350:03	Health and Illness in the Older Adult

#### LEVEL 4

##### HONOURS DEGREE

NS4001:12	Nursing Science Honours Part 1 of 2
NS4002:12	Nursing Science Honours Part 2 of 2

### External

#### YEAR 1

##### TEACHING PERIOD 1

BM1011:03	Physiological Systems and Processes 1
HS1111:03	Interactive Processes 1

##### TEACHING PERIOD 2

BM1022:03	Physiological Systems and Processes 2
NS1012:03	Nursing Inquiry 1 – Ways of Knowing

#### YEAR 2

##### TEACHING PERIOD 1

HS1005:03	Lifespan Development for Health
NS1211:03	Foundations of Nursing 1

##### TEACHING PERIOD 2

NS1220:03	Primary Health Care
NS1222:03	Foundations of Nursing 2

#### YEAR 3

##### TEACHING PERIOD 1

NS2015:03	Nursing Inquiry 2 – Law and Ethics
PP2131:03	Human Pathophysiology and Pharmacology 1

##### TEACHING PERIOD 2

NS2112:03	Interactive Processes 2
PP2231:03	Human Pathophysiology and Pharmacology 2

#### YEAR 4

HS2000:03	Social Constructions of Health in Australia
NS2022:03	Transitions into Nursing 1

##### TEACHING PERIOD 2

HS2101:03	Indigenous Health Studies for Nursing Sciences
NS2214:03	Transitions into Nursing 2A

#### YEAR 5

NS3223:03	Preparation for Practice
NS3360:03	Introduction to Psychiatric Mental Health Nursing

##### TEACHING PERIOD 2

NS3322:03	Nursing in the North
NS3340:03	Nursing for Chronic Illness and Palliative Care

#### YEAR 6

NS3118:03	Nursing Research
NS3320:03	Community Approaches to Care

##### TEACHING PERIOD 2

NS3224:03	Integrated Nursing 2
NS3350:03	Health and Illness in the Older Adult

### Mental Health Nursing

Townsville, Cairns, Mt Isa, Thursday Island

#### LEVEL 1

##### TEACHING PERIOD 1

BM1011:03	Physiological Systems and Processes 1
HS1005:03	Lifespan Development for Health
HS1111:03	Interactive Processes 1
NS1211:03	Foundations of Nursing 1

##### TEACHING PERIOD 2

BM1022:03	Physiological Systems and Processes 2
NS1012:03	Nursing Inquiry 1 – Ways of Knowing
NS1220:03	Primary Health Care
NS1222:03	Foundations of Nursing 2

#### LEVEL 2

##### TEACHING PERIOD 1

HS2000:03	Social Constructions of Health in Australia
NS2015:03	Nursing Inquiry 2 – Law and Ethics
NS2022:03	Transitions into Nursing 1
PP2131:03	Human Pathophysiology and Pharmacology 1

##### TEACHING PERIOD 2

HS2101:03	Indigenous Health Studies for Nursing Sciences
NS2112:03	Interactive Processes 2
NS2214:03	Transitions into Nursing 2A
PP2231:03	Human Pathophysiology and Pharmacology 2

#### LEVEL 3

##### TEACHING PERIOD 1

NS3118:03	Nursing Research
NS3223:03	Preparation for Practice
NS3320:03	Community Approaches to Care
NS3361:03	Introduction to Psychiatric Mental Health Nursing (Mental Health)

##### TEACHING PERIOD 2

NS3225:03	Integrated Nursing 2 (Mental Health)
NS3322:03	Nursing in the North
NS3350:03	Health and Illness in the Older Adult
NS3370:03	Issues in Psychiatric Mental Health Nursing

### Post-Registration Program

Townsville, Cairns

#### LEVEL 3 (First Year)

##### TEACHING PERIOD 1

NS2015:03	Nursing Inquiry 2 – Law and Ethics
Option*	

##### TEACHING PERIOD 2

Option*	
Option*	

#### LEVEL 3 (Second Year)

##### TEACHING PERIOD 1

NS3118:03	Nursing Research
Option*	

##### TEACHING PERIOD 2

Option*	
Option*	

\*Options are to be selected from the subjects listed for the Pre-Registration Bachelor of Nursing Science program.

## Fast-Track Nursing Program

The Fast-Track program entails students undertaking the eight subjects that would normally be completed in an 11-month period (February to December) over a nine-month period beginning in December and ending in August.

Students will be selected to the Fast-Track program using various criteria:

- GPA of 5 or better
- unblemished academic and clinical record.

Students should write an expression of interest, outlining a study plan to cope with the shortened time frame. They will be required to attend residential schools in January (NS3200) and May (NS3224). For further details please contact the School of Nursing, Midwifery and Nutrition.

## Indigenous Health Careers Access Program

Townsville

YEAR 1	TEACHING PERIOD 1
CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics
NS1211:03	Foundations of Nursing 1

	TEACHING PERIOD 2
AT1210:03	Introductory Human Anatomy and Histology
CH1020:03	Preparatory Chemistry
NS1220:03	Primary Health Care

YEAR 2	TEACHING PERIOD 1
BM1011:03	Physiological Systems and Processes 1
HS1005:03	Lifespan Development for Health
HS1111:03	Interactive Processes 1

	TEACHING PERIOD 2
BM1022:03	Physiological Systems and Processes 2
NS1012:03	Nursing Inquiry 1 – Ways of Knowing
NS1222:03	Foundations of Nursing 2

### YEAR 3

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Nursing Sciences as standard enrolment.

## Bachelor of Occupational Therapy and Bachelor of Occupational Therapy with Honours

Townsville

Occupational therapists are health professionals who assist people to overcome limitations caused by injury or illness, psychological or emotional difficulties, developmental delay or the effects of ageing. The occupational therapist is trained to assess each individual's skills and abilities, and then to enable the individual to move from dependence to independence, maximising personal skills, wellbeing and quality of life.

The program works with health services in rural and remote areas so that students can experience occupational therapy in a range of rural and urban settings.

### LEVEL 1

	TEACHING PERIOD 1
BM1031:03	Anatomy and Physiology for Occupational Therapy 1
OT1001:03	Tasks and Roles of Occupational Therapy
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

	TEACHING PERIOD 2
BM1032:03	Anatomy and Physiology for Occupational Therapy 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
OT1005:03	Occupational Practice

### LEVEL 2

	TEACHING PERIOD 1
HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
OT2006:03	Occupational Performance: Facilitation and Evaluation
RH2001:03	Movement Analysis for Rehabilitation

	TEACHING PERIOD 2
HS2401:03	Rural and Remote Primary and Public Health Care
OT2003:03	Occupational Therapy Applications
OT2004:03	Ergonomics and Occupational Performance at Work
RH2002:03	Clinical Medicine for Therapy

### LEVEL 3

	TEACHING PERIOD 1
HS3401:03	Health Professional Research 2
OT3001:03	Occupational Therapy Independent Study
OT3002:03	Therapy Interventions for Neurological Disorders
OT3003:03	Principles of Design for Therapy

### LEVEL 4

	TEACHING PERIOD 2
OT3004:06	Rural and Urban Practice 1
OT3005:06	Rural and Urban Practice 2

### LEVEL 4

	TEACHING PERIOD 1
OT4001:12	Advanced Rural or Urban Practice

	TEACHING PERIOD 2
OT4002:03	Contemporary Issues for Health Professionals
OT4003:03	Health Law and Ethics, Reflective Practice
OT4004:03	Advanced Professional Practice
TM4401:03	Health, Policy and Planning

## Honours

### LEVEL 1

	TEACHING PERIOD 1
BM1031:03	Anatomy and Physiology for Occupational Therapy 1
OT1001:03	Tasks and Roles of Occupational Therapy
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

	TEACHING PERIOD 2
BM1032:03	Anatomy and Physiology for Occupational Therapy 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
OT1005:03	Occupational Practice

### LEVEL 2

	TEACHING PERIOD 1
HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
OT2006:03	Occupational Performance: Facilitation and Evaluation
RH2001:03	Movement Analysis for Rehabilitation

	TEACHING PERIOD 2
HS2401:03	Rural and Remote Primary and Public Health Care
OT2003:03	Occupational Therapy Applications
OT2004:03	Ergonomics and Occupational Performance at Work
RH2002:03	Clinical Medicine for Therapy

### LEVEL 3

	TEACHING PERIOD 1
HS3401:03	Health Professional Research 2
OT3002:03	Therapy Interventions for Neurological Disorders
OT3003:03	Principles of Design for Therapy
OT3101:03	Occupational Therapy Independent Study (Honours)

### LEVEL 4

	TEACHING PERIOD 2
OT3004:06	Rural and Urban Practice 1
OT3005:06	Rural and Urban Practice 2

### LEVEL 4

	TEACHING PERIOD 1
OT4103:06	Honours Thesis and Presentation Part 1 of 2
OT4101:06	Advanced Rural or Urban Practice (Honours)

	TEACHING PERIOD 2
OT4003:03	Health Law and Ethics, Reflective Practice (SP9)
OT4004:03	Advanced Professional Practice (SP8)
OT4104:03	Honours Thesis and Presentation Part 2 of 2
TM4401:03	Health, Policy and Planning (SP8)

## External

The first year of the course is offered externally. Students will be required to attend on-campus residential blocks in practical learning areas such as anatomy, interpersonal communication and manual handling.

### LEVEL 1

	TEACHING PERIOD 1
BM1031:03	Anatomy and Physiology for Occupational Therapy 1
OT1001:03	Tasks and Roles of Occupational Therapy

RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment
<b>TEACHING PERIOD 2</b>	
BM1032:03	Anatomy and Physiology for Occupational Therapy 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
OT1005:03	Occupational Practice

**LEVEL 2**

<b>TEACHING PERIOD 1</b>	
HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
OT2006:03	Occupational Performance: Facilitation and Evaluation
RH2001:03	Movement Analysis for Rehabilitation

<b>TEACHING PERIOD 2</b>	
HS2401:03	Rural and Remote Primary and Public Health Care
OT2003:03	Occupational Therapy Applications
OT2004:03	Ergonomics and Occupational Performance at Work
RH2002:03	Clinical Medicine for Therapy

**LEVEL 3**

<b>TEACHING PERIOD 1</b>	
HS3401:03	Health Professional Research 2
OT3001:03	Occupational Therapy Independent Study
OT3002:03	Therapy Interventions for Neurological Disorders
OT3003:03	Principles of Design for Therapy

<b>TEACHING PERIOD 2</b>	
OT3004:06	Rural and Urban Practice 1
OT3005:06	Rural and Urban Practice 2

**LEVEL 4**

<b>TEACHING PERIOD 1</b>	
OT4001:12	Advanced Rural or Urban Practice

<b>TEACHING PERIOD 2</b>	
OT4002:03	Contemporary Issues for Health Professionals
OT4003:03	Health Law and Ethics, Reflective Practice
OT4004:03	Advanced Professional Practice
TM4401:03	Health, Policy and Planning

**Graduate Entry**

Entry into the Bachelor of Occupational Therapy (Graduate) requires that applicants have successfully completed a bachelor degree in nursing or other relevant health professional program and can prove currency of their studies or in practice. Applicants must demonstrate active involvement in health or health related education in the previous eight years.

Advanced standing equivalent to eight specific subjects (24 credit points) is granted to successful applicants. All Occupational Therapy specific subjects are completed in this program together with four core health science subjects: Health Promotion for Health Professionals; Health Professional Research 2; Rural and Remote Primary and Public Health Care; and Health Policy and Planning. The accelerated program can be completed in two years and approximately 16 weeks (depending on the timing of the final fieldwork placement).

**YEAR 1**

BM1031:03	Anatomy and Physiology for Occupational Therapy 1
BM1032:03	Anatomy and Physiology for Occupational Therapy 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
OT1001:03	Tasks and Roles of Occupational Therapy
OT1005:03	Occupational Practice
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

**YEAR 2**

HS2401:03	Rural and Remote Primary and Public Health Care
HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
OT2003:03	Occupational Therapy Applications
OT2004:03	Ergonomics and Occupational Performance at Work
OT2006:03	Occupational Performance: Facilitation and Evaluation
OT3104:06	Rural and Urban Practice for Graduates
RH2001:03	Movement Analysis for Rehabilitation
RH2002:03	Clinical Medicine for Therapy

**YEAR 3**

HS3401:03	Health Professional Research 2
OT3001:03	Occupational Therapy Independent Study
OT3002:03	Therapy Interventions for Neurological Disorders

OT3003:03	Principles of Design for Therapy
OT3007:03	Rural and Urban Practice Perspectives
OT4002:03	Contemporary Issues for Health Professionals
OT4003:03	Health Law and Ethics, Reflective Practice
OT4004:03	Advanced Professional Practice
OT4006:12	Advanced Rural and Urban Practice Perspectives
TM4401:03	Health, Policy and Planning

**Post-Qualification Program**

This program is only available for international occupational therapy practitioners who have a prior Diploma or Bachelor qualification (minimum length of course - three years) in occupational therapy that is accredited by the World Federation of Occupational Therapists. Students will be Full Fee Paying.

**TEACHING PERIOD 1**

HS2403:03	Health Promotion for Health Professionals
<i>or</i>	
HS3401:03	Health Professional Research 2
OT3002:03	Therapy Interventions for Neurological Disorders
OT3003:03	Principles of Design for Therapy
OT3006:03	Rural and Urban Practice - Australian OT Perspectives

**TEACHING PERIOD 2**

HS2401:03	Rural and Remote Primary and Public Health Care
<i>or</i>	
OT2004:03	Ergonomics and Occupational Performance at Work
OT4003:03	Health Law, Ethics and Reflective Practice (SP9)
OT4004:03	Advanced Professional Practice (SP8)
TM4401:03	Health Policy and Planning (SP8)

**Indigenous Health Careers Access Program****Townsville****YEAR 1**

<b>TEACHING PERIOD 1</b>	
CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics
OT1001:03	Tasks and Roles of Occupational Therapy
WS1006:03	Self in Professional Helping

**TEACHING PERIOD 2**

AT1210:03	Introductory Human Anatomy and Histology
CP1030:03	Introduction to Information Technology
HS1401:03	Health and Health Care in Australia

**YEAR 2**

<b>TEACHING PERIOD 1</b>	
BM1031:03	Anatomy and Physiology for Occupational Therapy 1
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

**TEACHING PERIOD 2**

BM1032:03	Anatomy and Physiology for Occupational Therapy 2
HS1003:03	Lifespan Development for Health A
OT1005:03	Occupational Practice

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Occupational Therapy as standard enrolment.

**Bachelor of Pharmacy and Bachelor of Pharmacy with Honours****Townsville**

The Pharmacy course provides students with a broad education in physical and biological sciences and an understanding of the functioning of body systems and the impact of disease upon these systems. Students will develop knowledge of drug action and of the use of drug therapy in treating illness and disease. In addition, they will develop an appreciation of important factors, which can modify the therapeutic activity of drugs, such as drug dosage formulation, interaction between drugs, interaction between drugs and their containers or with foodstuffs and patient compliance with drug therapy. The common objective of these studies is to develop an expertise in the management and therapeutic use of drugs, which will contribute, through application of Quality Use of Medicines principles, to improved health outcomes for patients.

Pharmacists are frequently the first professional contacted for healthcare advice. Consequently, they have a significant responsibility, not only in providing direct primary health education and assistance,



but also in referring clients to alternative healthcare providers where this is appropriate.

To practise effectively, a pharmacist must be sensitive to the impact of illness upon individuals and demonstrate a commitment to developing caring, collaborative relationships with patients and other health care providers. Effective interpersonal and communication skills and cross-cultural awareness are essential to this process and will be developed through a series of professional placements during the course.

#### LEVEL 1

##### TEACHING PERIOD 1

BM1000:03	Introductory Biochemistry and Microbiology
CH1001:03	Chemistry: A Central Science
PC1001:03	Human Anatomy and Physiology 1
PC1004:03	Introduction to Pharmacy Practice and Pharmaceutical Sciences 1

##### TEACHING PERIOD 2

HS1401:03	Health and Health Care in Australia
PC1002:03	Human Anatomy and Physiology 2
PC1003:03	Introduction to Pharmacy Practice and Pharmaceutical Sciences 2
PC1005:03	Molecular Basis of Therapeutics 1

#### LEVEL 2

##### TEACHING PERIOD 1

BC2014:03	Principles of Biochemistry for Pharmacy Students
PC2002:03	Molecular Basis of Therapeutics 3
PC2004:03	Professional Pharmacy Practice 1
PC2006:03	Dermatology for Pharmacists

##### TEACHING PERIOD 2

HS2401:03	Rural and Remote Primary and Public Health Care
PC2001:03	Molecular Basis of Therapeutics 2
PC2003:03	Integrated Metabolism and Nutrition for Pharmacists
PC2201:03	Infectious Diseases and Immunology for Pharmacists

#### LEVEL 3

##### TEACHING PERIOD 1

PC3002:03	Cardiovascular and Renal Therapeutics for Pharmacists
PC3102:03	Health Care for Pharmacists

##### Plus

PC3015:03	Professional Pharmacy Practice 2 (Honours) Part 1 of 2 (For students accepted into the honours program only)
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or

PC3204:03	Professional Pharmacy Practice 2 Part 1 of 2 (For students not undertaking the honours program)
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##### TEACHING PERIOD 2

CH3100:03	Molecular Basis of Therapeutics 4
PC3001:03	ENT, Eyes and Respiratory Pharmacy
PC3005:03	Nervous System and Mental Health for Pharmacists
PC3201:03	Musculoskeletal Pharmacy

##### Plus

PC3016:03	Professional Pharmacy Practice 2 (Honours) Part 2 of 2 (For students accepted into the honours program only)
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or

PC3205:03	Professional Pharmacy Practice 2 Part 2 of 2 (For students not undertaking the honours program)
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#### LEVEL 4

##### TEACHING PERIOD 1

PC4101:03	Endocrine and Reproductive Pharmacy
PC4102:03	Oncology, Haematology and Toxicology for Pharmacists
PC4103:03	Professional Pharmacy Practice 3

plus

PC4105:03	Pharmacy Research (Honours) (for honours students)
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or

3 credit points from the following subjects: (for non honours students)

BU1002:03	Accounting for Decision Making
BU1003:03	Economics for Business
BU1008:03	Marketing Fundamentals
BU1112:03	Business Law and Ethics
BX2081:03	Consumer Behaviour
MA1401:03	Statistics and Data Analysis 1
MG1731:03	Management in the New Global Economy
PC4104:03	Pharmacy Project
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity
SP3006:03	Sports Medicine

or a subject approved by the Head of School.

##### TEACHING PERIOD 2

PC4203:12	Advanced Professional Pharmacy Practice
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or

PC4211:12	Advanced Professional Pharmacy Practice (Honours)
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## Indigenous Health Careers Access Program

### Townsville

#### YEAR 1

CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics
PC1004:03	Introduction to Pharmacy Practice and Pharmaceutical Sciences 1

##### TEACHING PERIOD 2

CH1020:03	Preparatory Chemistry
HS1401:03	Health and Health Care in Australia
PP1201:03	Introduction to Physiology and Pharmacology

#### YEAR 2

##### TEACHING PERIOD 1

BM1000:03	Introductory Biochemistry and Microbiology
CH1001:03	Chemistry: A Central Science
PC1001:03	Human Anatomy and Physiology 1

##### TEACHING PERIOD 2

PC1002:03	Human Anatomy and Physiology 2
PC1003:03	Introduction to Pharmacy Practice and Pharmaceutical Sciences 2
PC1005:03	Molecular Basis of Therapeutics 1

#### YEAR 3

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Pharmacy as standard enrolment.

## Bachelor of Physiotherapy and Bachelor of Physiotherapy with Honours

### Townsville

Physiotherapists are health professionals whose primary focus is the restoration or maximisation of function to improve quality of life. The physiotherapist employs specialised assessment and treatment techniques to assist a wide variety of individuals, from infants and children to adolescents, adults and the elderly. Physiotherapists work in both public and private health settings in areas such as neurological, sports, musculoskeletal and occupational rehabilitation, paediatrics, acute care and community, rural and remote health.

The four-year course, the first year of which appears below, aims to prepare students for fulfilling physiotherapy careers through a combination of applied academic learning and a range of clinical experiences, including some in rural and remote areas.

#### LEVEL 1

##### TEACHING PERIOD 1

BM1041:03	Anatomy and Physiology for Physiotherapy 1
PS1001:03	Introduction to Physiotherapy
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

##### TEACHING PERIOD 2

BM1042:03	Anatomy and Physiology for Physiotherapy 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
PS1002:03	Introduction to Physiotherapy Applications

#### LEVEL 2

##### TEACHING PERIOD 1

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
PS2001:03	Movement Analysis for Physiotherapy
PS2004:03	Neuroscience in Physiotherapy

##### TEACHING PERIOD 2

HS2401:03	Rural and Remote Primary and Public Health Care
PS2002:03	Physiotherapy 1
PS2003:03	Physiotherapy 2
RH2002:03	Clinical Medicine for Therapy

**LEVEL 3****TEACHING PERIOD 1**

HS3401:03	Health Professional Research 2
PS3001:03	Physiotherapy 3
PS3002:03	Physiotherapy 4
PS3003:03	Physiotherapy 5

**TEACHING PERIOD 2**

PS3004:03	Physiotherapy 6
PS3005:09	Physiotherapy Theory and Application 1

**LEVEL 4****TEACHING PERIOD 1**

PS4001:12	Physiotherapy Theory and Applications 2
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**TEACHING PERIOD 2**

PS4002:03	Contemporary Issues for Physiotherapists
PS4003:03	Physiotherapy Health Law and Ethics (SP9)
PS4004:03	Advanced Topics in Physiotherapy
TM4401:03	Health, Policy and Planning (SP8)

**Honours****LEVEL 1****TEACHING PERIOD 1**

BM1041:03	Anatomy and Physiology for Physiotherapy 1
PS1001:03	Introduction to Physiotherapy
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

**TEACHING PERIOD 2**

BM1042:03	Anatomy and Physiology for Physiotherapy 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
PS1002:03	Introduction to Physiotherapy Applications

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
PS2001:03	Movement Analysis for Physiotherapy
PS2004:03	Neuroscience in Physiotherapy

**TEACHING PERIOD 2**

HS2401:03	Rural and Remote Primary and Public Health Care
PS2002:03	Physiotherapy 1
PS2003:03	Physiotherapy 2
RH2002:03	Clinical Medicine for Therapy

**LEVEL 3****TEACHING PERIOD 1**

HS3401:03	Health Professional Research 2
PS3001:03	Physiotherapy 3
PS3002:03	Physiotherapy 4
PS3003:03	Physiotherapy 5

**TEACHING PERIOD 2**

PS3004:03	Physiotherapy 6
PS3105:06	Physiotherapy Theory and Application 1 (Honours)
PS3110:03	Physiotherapy Independent Study

**LEVEL 4****TEACHING PERIOD 1**

PS4101:09	Physiotherapy Theory and Applications 2 (Honours)
PS4102:03	Physiotherapy Honours Thesis 1

**TEACHING PERIOD 2**

PS4003:03	Physiotherapy Health Law and Ethics (SP9)
PS4004:03	Advanced Topics in Physiotherapy
PS4103:03	Physiotherapy Honours Thesis 2
TM4401:03	Health, Policy and Planning

**Indigenous Health Careers Access Program****Townsville****YEAR 1****TEACHING PERIOD 1**

CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics
PS1001:03	Introduction to Physiotherapy

**TEACHING PERIOD 2**

AT1210:03	Introductory Human Anatomy and Histology
HS1401:03	Health and Health Care in Australia
PH1001:03	Preparatory Physics

**YEAR 2****TEACHING PERIOD 1**

BM1041:03	Anatomy and Physiology for Physiotherapy 1
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment

**TEACHING PERIOD 2**

BM1042:03	Anatomy and Physiology for Physiotherapy 2
HS1003:03	Lifespan Development for Health A
PS1002:03	Introduction to Physiotherapy Applications

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Physiotherapy as standard enrolment.

## Bachelor of Speech Pathology and Bachelor of Speech Pathology with Honours

**Townsville**

Speech pathologists are health professionals trained to assess and treat people from all age groups with communication and swallowing disorders. These disorders concern areas of speech, voice, language, fluency and swallowing. Clients include children who fail to develop normal communication and people who acquire communication problems as a result of disease or injury such as from accidents or strokes.

The Bachelor of Speech Pathology is a four-year course that prepares students for a career as a speech pathologist. It comprises health science subjects, anatomy/physiology and specialised areas such as linguistics, phonetics and current professional issues. There is a special focus on rural and remote practice and Indigenous issues relevant to speech pathology. Clinical placements are undertaken in a variety of settings. Subjects undertaken for the pass degree and the honours degree are shown below.

**LEVEL 1****TEACHING PERIOD 1**

BM1051:03	Anatomy and Physiology for Speech Pathology 1
RH1002:03	Communication Skills for Therapy
SL1001:03	Introduction to Speech Pathology
SL1002:03	Introductory Linguistics and Phonetics

**TEACHING PERIOD 2**

BM1052:03	Anatomy and Physiology for Speech Pathology 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
SL1004:03	Linguistics and Phonetics 2

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
SL2002:03	Language Development and Impairment
SL2006:03	Speech Development and Impairment

**TEACHING PERIOD 2**

RH2002:03	Clinical Medicine for Therapy
SL2001:03	Principles of Assessment and Therapy
SL2003:03	Acquired Speech Impairments
SL2004:03	Speech Pathology Practice 1

**LEVEL 3****TEACHING PERIOD 1**

HS3401:03	Health Professional Research 2
SL3003:03	Speech Pathology Practice 2
SL3004:03	Acquired Language Impairments
SL3005:03	Voice Impairment

**TEACHING PERIOD 2**

HS2401:03	Rural and Remote Primary and Public Health Care
SL3001:03	Stuttering Across the Lifespan
SL3002:03	Swallowing Disabilities Across the Lifespan
SL3006:03	Speech Pathology Practice 3

**LEVEL 4****TEACHING PERIOD 1**

SL4001:03	Professional Competencies for Speech Pathology 1
SL4002:06	Speech Pathology Practice 4
SL4005:03	Speech Pathology Professional Project A

**TEACHING PERIOD 2**

SL4003:03	Professional Competencies for Speech Pathology 2
SL4004:06	Speech Pathology Practice 5
SL4006:03	Speech Pathology Professional Project B

**Honours**

Students enrolled in the Bachelor of Speech Pathology with Honours complete the first two years of the pass degree as shown above. The honours thesis may be submitted as:

- a complete thesis document of no more than 25,000 words (including literature review, methodology, results and discussion);
- or
- two journal articles of no more than 5,000 words each (for example, a literature review article and a research report).

**LEVEL 1****TEACHING PERIOD 1**

BM1051:03	Anatomy and Physiology for Speech Pathology 1
RH1002:03	Communication Skills for Therapy
SL1001:03	Introduction to Speech Pathology
SL1002:03	Introductory Linguistics and Phonetics

**TEACHING PERIOD 2**

BM1052:03	Anatomy and Physiology for Speech Pathology 2
HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
SL1004:03	Linguistics and Phonetics 2

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
SL2002:03	Language Development and Impairment
SL2006:03	Speech Development and Impairment

**TEACHING PERIOD 2**

RH2002:03	Clinical Medicine for Therapy
SL2001:03	Principles of Assessment and Therapy
SL2003:03	Acquired Speech Impairments
SL2004:03	Speech Pathology Practice 1

**LEVEL 3****TEACHING PERIOD 1**

HS3401:03	Health Professional Research 2
SL3004:03	Acquired Language Impairments
SL3005:03	Voice Impairment
SL3103:03	Speech Pathology Practice 2 (Honours)

**TEACHING PERIOD 2**

HS2401:03	Rural and Remote Primary and Public Health Care
SL3001:03	Stuttering Across the Lifespan
SL3002:03	Swallowing Disabilities Across the Lifespan
SL3106:03	Speech Pathology Practice 3 (Honours)

**LEVEL 4****TEACHING PERIOD 1**

SL4001:03	Professional Competencies for Speech Pathology 1
SL4002:06	Speech Pathology Practice 4
SL4101:03	Honours Study in Speech Pathology 1

**TEACHING PERIOD 2**

SL4003:03	Professional Competencies for Speech Pathology 2
SL4004:06	Speech Pathology Practice 5
SL4103:03	Honours Study in Speech Pathology 2

**Indigenous Health Careers Access Program****Townsville****YEAR 1****TEACHING PERIOD 1**

CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics
SL1001:03	Introduction to Speech Pathology
WS1006:03	Self in Professional Helping

**TEACHING PERIOD 2**

AT1210:03	Introductory Human Anatomy and Histology
CP1030:03	Introduction to Information Technology
HS1401:03	Health and Health Care in Australia

**YEAR 2****TEACHING PERIOD 1**

BM1051:03	Anatomy and Physiology for Speech Pathology 1
RH1002:03	Communication Skills for Therapy
SL1002:03	Introductory Linguistics and Phonetics

**TEACHING PERIOD 2**

BM1052:03	Anatomy and Physiology for Speech Pathology 2
HS1003:03	Lifespan Development for Health A
SL1004:03	Linguistics and Phonetics 2

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Speech Pathology as standard enrolment.

**Bachelor of Sport and Exercise Science and Bachelor of Sport and Exercise Science with Honours**

Townsville, Cairns (see below)

Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

**Townsville****LEVEL 1****TEACHING PERIOD 1**

BM1061:03	Anatomy and Physiology for Sport and Exercise Science 1 (Townsville)
MA1020:03	Preparatory Mathematics
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity

**Note:** Students with a HA or better in Mathematics B over four semesters must select any three credit point level 1 subject in place of MA1020:03.

**TEACHING PERIOD 2**

BM1062:03	Anatomy and Physiology for Sport and Exercise Science 2 (Townsville)
HS1401:03	Health and Health Care in Australia
PH1001:03	Preparatory Physics
SP1002:03	Sport and Exercise Nutrition

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1
HS2403:03	Health Promotion for Health Professionals
SP2003:03	Functional Kinesiology and Biomechanics
SP2007:03	Physiological Basis for Exercise and Sport

**TEACHING PERIOD 2**

SP2006:03	Exercise Testing and Prescription for Health
SP2009:03	Strength Training and Conditioning
SP2101:03	Exercise Prescription Practices and Procedures

Select 3 credit points (one subject) from the following:

BU1011:03	Business, Leisure and Society
BU2005:03	Entrepreneurship
BU2007:03	Project Management
HS1003:03	Lifespan Development for Health A
HS2401:03	Rural and Remote Primary and Public Health Care
SP2002:03	Vocational Health and Safety
SP2102:03	Analytical Procedures in Clinical Exercise Physiology
SP2103:03	Complementary Exercise Prescription

or

Any level 1 or 2 subject

**LEVEL 3****TEACHING PERIOD 1**

SP3006:03	Sports Medicine
SP3007:03	Dynamics of Sport and Exercise Behaviour 1 (SP3)
SP3008:03	Sport and Exercise Science Practice
SP3010:03	Dynamics of Sport and Exercise Behaviour 2

**TEACHING PERIOD 2**

SP3004:03	Motor Learning and Motor Control (SP22)
SP3005:03	Advanced Biomechanics
SP3011:03	Sports Training and Rehabilitation
SP3014:03	Independent Project in Sport and Exercise Science

**LEVEL 4 - HONOURS**

Prospective students should consult with the Director of the Institute of Sport and Exercise Science.

SP4001:12	Sport and Exercise Science Honours Part 1 of 2
SP4002:12	Sport and Exercise Science Honours Part 2 of 2

**Cairns****LEVEL 1****TEACHING PERIOD 1**

BM1011:03	Physiological Systems and Processes 1
MA1020:03	Preparatory Mathematics
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity

**Note:** Students with a HA or better in Mathematics B over four semesters must select any three credit point level 1 subject in place of MA1020:03.

**TEACHING PERIOD 2**

BM1022:03	Physiological Systems and Processes 2
HS1401:03	Health and Health Care in Australia
PH1001:03	Preparatory Physics
SP1002:03	Sport and Exercise Nutrition

**LEVEL 2****TEACHING PERIOD 1**

HS2402:03	Health Professional Research 1 (SP3)
HS2403:03	Health Promotion for Health Professionals
SP2003:03	Functional Kinesiology and Biomechanics
SP2007:03	Physiological Basis for Exercise and Sport

**TEACHING PERIOD 2**

SP2006:03	Exercise Testing and Prescription for Health
SP2009:03	Strength Training and Conditioning (SP6)
SP2101:03	Exercise Prescription Practices and Procedures

Select 3 credit points (one subject) from the following:

BU1011:03	Business, Leisure and Society
BU2005:03	Entrepreneurship
BU2007:03	Project Management
HS1003:03	Lifespan Development for Health A
HS2401:03	Rural and Remote Primary and Public Health Care
SP2002:03	Vocational Health and Safety

or

Any level 2 or 3 subject as approved by the Academic Adviser, ISES

**LEVEL 3****TEACHING PERIOD 1**

SP3006:03	Sports Medicine
SP3007:03	Dynamics of Sport and Exercise Behaviour 1 (SP3)
SP3008:03	Sport and Exercise Science Practice
SP3010:03	Dynamics of Sport and Exercise Behaviour 2

**TEACHING PERIOD 2**

SP3004:03	Motor Learning and Motor Control (SP22)
SP3005:03	Advanced Biomechanics
SP3011:03	Sports Training and Rehabilitation
SP3014:03	Independent Project in Sport and Exercise Science

**LEVEL 4 - HONOURS**

Prospective students should consult with the Director of the Institute of Sport and Exercise Science.

SP4001:12	Sport and Exercise Science Honours Part 1 of 2
SP4002:12	Sport and Exercise Science Honours Part 2 of 2

**Indigenous Health Careers Access Program****Townsville**

Students complete 114 credit points as follows:

**YEAR 1****TEACHING PERIOD 1**

CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
PY1101:03	Exploring Psychology 1
SP1001:03	Science and Practice of Physical Activity

**TEACHING PERIOD 2**

AT1210:03	Introductory Human Anatomy and Histology
CH1020:03	Preparatory Chemistry
PH1001:03	Preparatory Physics

**YEAR 2****TEACHING PERIOD 1**

BM1061:03	Anatomy and Physiology for Sport and Exercise Science 1
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MA1020:03	Preparatory Mathematics
WS1006:03	Self in Professional Helping

**TEACHING PERIOD 2**

BM1062:03	Anatomy and Physiology for Sport and Exercise Science 2
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HS1003:03	Lifespan Development for Health A
HS1401:03	Health and Health Care in Australia
SP1002:03	Sport and Exercise Nutrition

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Sport and Exercise Science as standard enrolment.

**Bachelor of Sport and Exercise Science-Bachelor of Business****Townsville, Cairns**

Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

Discipline	Level 1	Level 2	Level 3	Open	Total
Business	15	12	12		39
Sport & Ex Sc	18	15	21		54
Open (level 2 or 3)				3	3
Total	33	27	33	3	96

**Business component****1. Majors**

- (a) In addition to the core subjects, students must select either:
- a single named major consisting of a prescribed sequence of 6 credit points of level 2 subjects and 12 credit points of level 3 subjects as specified in the requirements of the majors shown under the Bachelor of Business (which will be included on the testamur); or
  - a general unnamed single major consisting of 6 credit points of level 2 subjects and 12 credit points of level 3 subjects selected from subjects with a prefix of BU and/or BX (which will not be included on a testamur).
- (b) All majors listed in the Bachelor of Business are available except Accounting.
- (c) The availability of majors will vary according to campus.
- (d) Details of each major are shown under the Bachelor of Business.

2. Students must also complete at least 3 credit points of level 2 subjects selected from Schedule A or Schedule B shown under the Bachelor of Business.

3. Business subjects to complete the remaining requirements in accordance with the above schedule must be selected from subjects with a prefix of BU or BX.

**LEVEL 1****TEACHING PERIOD 1**

BM1011:03	Physiological Systems and Processes 1 (Cairns)
or	
BM1061:03	Anatomy and Physiology for Sport and Exercise Science 1 (Townsville)

BU1004:03	Management, People and Organisations
BU1005:03	Personal and Professional Skills in Business
SP1001:03	Science and Practice of Physical Activity

**TEACHING PERIOD 2**

BM1022:03	Physiological Systems and Processes 2 (Cairns)
or	
BM1062:03	Anatomy and Physiology for Sport and Exercise Science 2 (Townsville)

BU1003:03	Economics for Business
BU1007:03	Business Data Analysis
PY1102:03	Exploring Psychology 2

**LEVEL 2****TEACHING PERIOD 1**

BU1002:03	Accounting for Decision Making
SP2007:03	Physiological Basis for Exercise and Sport

**Plus**

3 credit points selected from level 2 subjects as specified in the business major

**Plus**

3 credit points selected from level 2 subjects with a prefix of BU or BX

**TEACHING PERIOD 2**

PH1001:03	Preparatory Physics
SP1002:03	Sport and Exercise Nutrition

**Plus**

3 credit points selected from level 2 subjects as specified in the business major

**Plus**

3 credit points selected from level 3 subjects as specified in the business major

**LEVEL 3****TEACHING PERIOD 1**

SP2003:03 Functional Kinesiology and Biomechanics  
SP3007:03 Dynamics of Sport and Exercise Behaviour 1 (SP3)

**Plus**

3 credit points selected from level 2 subjects with a prefix of BU or BX included in Schedule A or Schedule B in the Bachelor of Business

**Plus**

3 credit points selected from level 3 subjects as specified in the business major

**TEACHING PERIOD 2**

SP2006:03 Exercise Testing and Prescription for Health  
SP2009:03 Strength Training and Conditioning (SP6)  
SP2101:03 Exercise Prescription Practices and Procedures  
SP3011:03 Sports Training and Rehabilitation

**Plus**

3 credit points selected from level 2 or level 3 subjects with a prefix of BU or BX

**LEVEL 4****TEACHING PERIOD 1**

SP3006:03 Sports Medicine  
SP3008:03 Sport and Exercise Science Practice  
SP3010:03 Dynamics of Sport and Exercise Behaviour 2

**Plus**

3 credit points selected from level 3 subjects as specified in the business major

**TEACHING PERIOD 2**

SP3004:03 Motor Learning and Motor Control (SP22)  
SP3005:03 Advanced Biomechanics

**Plus**

3 credit points selected from level 3 subjects as specified in the business major

## Bachelor of Sport and Exercise Science-Bachelor of Education

**Townsville**

Students who commenced this course prior to 2005 should consult the Sport and Exercise Science Academic Adviser regarding degree format and subject selections.

The Education degree in the joint degree is intended for secondary teachers of HPE and Multistrand Science.

**Townsville****LEVEL 1****TEACHING PERIOD 1**

BM1061:03 Anatomy and Physiology for Sport and Exercise Science 1

ED1401:03 Introduction to Education  
ED1441:03 Information Communication Technologies and Education

SP1001:03 Science and Practice of Physical Activity

**TEACHING PERIOD 2**

BM1062:03 Anatomy and Physiology for Sport and Exercise Science 2

ED1421:03 Language and Literacies in Education  
ED1481:03 Childhood and Adolescence  
SP1002:03 Sport and Exercise Nutrition

**LEVEL 2****TEACHING PERIOD 1**

ED2491:03 Managing Teaching and Learning  
HS2402:03 Health Professional Research 1  
SP2007:03 Physiological Basis for Exercise and Sport  
SP2009:03 Strength Training and Conditioning (SP6)

**TEACHING PERIOD 2**

ED2488:03 Second Year Professional Experience (SP7)  
ED2990:03 Education for Cultural Diversity  
PH1001:03 Preparatory Physics  
SP2006:03 Exercise Testing and Prescription for Health

**LEVEL 3****TEACHING PERIOD 1**

ED3213:03 Science Curriculum Year 10  
ED3215:03 Health and Physical Education Curriculum Year 10

ED3293:03 Inquiries into Secondary Learning and Teaching  
SP2003:03 Functional Kinesiology and Biomechanics  
SP3007:03 Dynamics of Sport and Exercise Behaviour 1 (SP3)

**TEACHING PERIOD 2**

ED3488:03 Third Year Professional Experience (SP7)  
SP2101:03 Exercise Prescription Practices and Procedures  
SP3004:03 Motor Learning and Motor Control (SP22)  
SP3005:03 Advanced Biomechanics  
SP3011:03 Sports Training and Rehabilitation

**LEVEL 4****TEACHING PERIOD 1**

ED4210:03 Secondary Area of Teaching Year 12  
ED4293:03 Integrating Learning and Teaching in Secondary Curriculum  
ED4488:03 Fourth Year Professional Experience A (SP4)  
ED4890:03 Inclusive Education for Special Needs

**TEACHING PERIOD 2**

ED4120:03 Teaching ESL to Indigenous Students  
ED4489:03 Fourth Year Professional Experience B (SP7)  
ED4491:03 Futures and Education  
ED4493:03 Sport Education and Coaching

**LEVEL 5****TEACHING PERIOD 1**

CH1001:03 Chemistry: A Central Science  
SP3006:03 Sports Medicine  
SP3008:03 Sport and Exercise Science Practice  
SP3010:03 Dynamics of Sport and Exercise Behaviour 2

## Bachelor of Sport and Exercise Science-Bachelor of Education with Honours

**Townsville**

**Note:** The Bachelor of Sport and Exercise Science-Bachelor of Education with Honours is not offered in 2009. No new enrolments will be accepted. Students currently enrolled may continue with their studies and should refer to previous editions of the Course and Subject Handbook.

**Majors:**

- Bachelor of Sport and Exercise Science- Bachelor of Education with Honours for intending secondary teachers focusing on years 8 to 12

## Bachelor of Sport and Exercise Science-Bachelor of Education with Honours for intending secondary teachers focusing on years 8 to 12

**Note:** Students currently enrolled in this major should refer to previous editions of the Course and Subject Handbook.

## Bachelor of Veterinary Science

**Townsville**

The Bachelor of Veterinary Science is a five year undergraduate degree that enables graduates to gain registration with the Veterinary Surgeons Board of Queensland. The program will be accredited with the Australasian Veterinary Boards Council Inc.

The first three years of the program focus mainly on the foundation knowledge necessary to underpin further professional studies but with an early introduction to the veterinary profession through profession specific subjects in Levels 1, 2 and 3.

Level 1 of the program has a high degree of commonality with the Bachelor of Tropical Agricultural Science degree program within the Faculty of Science, Engineering and Information Technology. Levels 2, 3 and 4 of the program will focus on developing the knowledge base

and basic clinical skills in an integrated format, while Level 5 will be a lecture free year devoted entirely to clinical and professional training.

**LEVEL 1****STUDY PERIOD 1**

AG1002:03	Biological Principles for Agricultural and Veterinary Sciences
CH1001:03	Chemistry: A Central Science
TV1101:03	Veterinary Professional Life 1
TV1102:03	Cell Biology and Biochemistry for Veterinary Science and Agriculture

**STUDY PERIOD 2**

AG1003:03	Plant Biology for Agricultural and Veterinary Sciences
AG1004:03	Animal Biology for Agricultural and Veterinary Sciences
TV1200:03	Veterinary Professional Life 2
TV1203:03	Physiology and Pharmacology for Veterinary Science

**LEVEL 2****STUDY PERIOD 1**

TV2001:12	Integrated Animal Structure and Function 1
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**STUDY PERIOD 2**

TV2002:12	Integrated Animal Structure and Function 2
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**LEVEL 3****STUDY PERIOD 1**

TV3001:12	Transitions from Health to Disease 1
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**STUDY PERIOD 2**

TV3002:12	Transitions from Health to Disease 2
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**LEVEL 4****STUDY PERIOD 1**

TV4001:12	Veterinary Clinical Sciences 1
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**STUDY PERIOD 2**

TV4002:12	Veterinary Clinical Sciences 2
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**LEVEL 5****STUDY PERIOD 1**

TV5001:12	Veterinary Clinical and Professional Practice 1
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**STUDY PERIOD 2**

TV5002:12	Veterinary Clinical and Professional Practice 2
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**Indigenous Health Careers Access Program****Townsville****YEAR 1****TEACHING PERIOD 1**

CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics
TV1101:03	Veterinary Professional Life 1

**TEACHING PERIOD 2**

AG1003:03	Plant Biology for Agricultural and Veterinary Sciences
CH1020:03	Preparatory Chemistry
PH1001:03	Preparatory Physics

**YEAR 2****TEACHING PERIOD 1**

AG1002:03	Biological Principles for Agricultural and Veterinary Sciences
CH1001:03	Chemistry: A Central Science
TV1102:03	Cell Biology and Biochemistry for Veterinary Science and Agriculture

**TEACHING PERIOD 2**

AG1004:03	Animal Biology for Agricultural and Veterinary Sciences
TV1200:03	Veterinary Professional Life 2
TV1203:03	Physiology and Pharmacology for Veterinary Science

**YEAR 3**

In year 3 (ie the third year of study) students enter into level 2 of the Bachelor of Veterinary Science as standard enrolment.

**Diploma of Health Science****Townsville, Cairns**

Students complete 24 credit points as follows:

**CORE SUBJECTS - Townsville and Cairns**

CH1020:03	Preparatory Chemistry
CP1030:03	Introduction to Information Technology
CU1010:03	Effective Writing
MA1020:03	Preparatory Mathematics

**OPTIONS - Townsville**

AT1210:03	Introductory Human Anatomy and Histology
BM1000:03	Introductory Biochemistry and Microbiology
BZ1001:03	Fundamentals of Biology
CH1001:03	Chemistry: A Central Science
CH1002:03	Chemistry: Principles and Applications
HS1000:03	Epidemiology
HS1003:03	Lifespan Development for Health A
HS1005:03	Lifespan Development for Health
HS1111:03	Interactive Processes 1
HS1401:03	Health and Health Care in Australia
ML1101:03	Pathology Sample Collection and Transport
PH1001:03	Preparatory Physics
PP1201:03	Introduction to Physiology and Pharmacology
PY1101:03	Exploring Psychology 1
PY1102:03	Exploring Psychology 2
RH1002:03	Communication Skills for Therapy
RH1004:03	Allied Health Professionals in the Health Environment
SL1001:03	Introduction to Speech Pathology
SL1002:03	Introductory Linguistics and Phonetics
SL1004:03	Linguistics and Phonetics 2
SP1001:03	Science and Practice of Physical Activity
SP1002:03	Sport and Exercise Nutrition

**OPTIONS - Cairns**

BZ1001:03	Fundamentals of Biology
HS1003:03	Lifespan Development for Health A
HS1005:03	Lifespan Development for Health
HS1111:03	Interactive Processes 1
HS1401:03	Health and Health Care in Australia
PH1001:03	Preparatory Physics
PY1101:03	Exploring Psychology 1
PY1102:03	Exploring Psychology 2
SP1001:03	Science and Practice of Physical Activity
SP1002:03	Sport and Exercise Nutrition

**Certificate of Biomedical Science****Townsville**

**Note:** It is expected that the Certificate of Biomedical Science will be disestablished in 2009. No new enrolments will be accepted.

Choose 6 credit points from the following:

AT1210:03	Introductory Human Anatomy and Histology
AT2110:03	Comparative Mammalian Anatomy and Histology
BC2013:03*	Principles of Biochemistry
BC2023:03*	Molecular Genetics
BM1000:03	Introductory Biochemistry and Microbiology
BZ1001:03	Fundamentals of Biology
CH1001:03#	Chemistry: A Central Science
CH1002:03#	Chemistry: Principles and Applications
HS1000:03	Epidemiology
HS1111:03	Interactive Processes 1
MI2021:03	Introductory Infectious Diseases and Immunobiology
ML1101:03	Pathology Sample Collection and Transport
PP1201:03	Introduction to Physiology and Pharmacology
PP2101:03	Medical Physiology 1
PP2201:03	Medical Physiology 2

\* Prerequisite of Chemistry required.

# Prerequisite of Chemistry and Mathematics B required.

