

Bachelor of Science (Honours) (BSCH) - BSc(Hons)

CRICOS code (International applicants): 043510M

| | On-campus# | Distance education* |
|----------------------------|---|--|
| Semester intake: | Semester 1 (March) Semester 2 (July) | Semester 1 (March) |
| Campus: | Toowoomba | - |
| Fees: | Commonwealth supported place International full fee paying place | Commonwealth supported place |
| Residential school: | Psychology Major Toowoomba campus (compulsory) | Psychology Major Toowoomba campus (compulsory) |
| Standard duration: | This program must be completed within two years of first enrolling. | |

Footnotes

The Psychology Honours program usually has a Semester 1 intake.

* Only the Psychology major is available externally and compulsory residential school attendance is required on-campus in Toowoomba several times yearly. Overseas students can only complete the Psychology Honours program as full-time on-campus students. The Psychology Honours program usually has a Semester 1 intake.

Contact us

| Future Australian and New Zealand students | Future International students | Current students |
|---|---|---|
| Ask a question Freecall (within Australia): 1800 640 678 Phone (from outside Australia): +61 7 4631 5315 Email: studysci@usq.edu.au | Ask a question Phone: +61 7 4631 5543 Email: international@usq.edu.au | Ask a question Freecall (within Australia): 1800 007 252 Phone (from outside Australia): +61 7 4631 2285 Email: usqassist@usq.edu.au |

Program focus

The Bachelor of Science (Honours) gives students the opportunity to extend their knowledge and skills in a specific discipline area that interests them. Students conduct and report on a research project under the supervision of a staff member with the appropriate expertise. The program gives students an appreciation of the professional standards required of the practising scientist, and the ethical challenges presented by modern science and technology. Students participate in research teams, are introduced to advanced experimental and literature research methods and have opportunities to make contact with the wider scientific community in the local region, elsewhere in Australia and overseas. Majors are available in:

- Applied mathematics/statistics*
- Biology, chemistry, climatology and physics*
- Psychology*

* The availability of these majors are subject to the availability of a suitable supervisor for an appropriate project.

Professional accreditation

The Bachelor of Science (Honours) program **Psychology Major**, is available in both on-campus and external mode, and is fully accredited by the Australian Psychology Accreditation Council (APAC) as a fourth-year program in psychology.

As a graduate of the Bachelor of Science (Honours) program, students will be eligible to apply for provisional registration as a psychologist with the Queensland Psychologists Registration Board. However, there is a requirement to complete a further two years of supervised practice or an approved Masters program after initial registration. Graduates are also eligible to apply to the Australian Psychological Society for Associate Membership. If graduates achieve a high level of Honours (either First Class or Second Class, Division A), they would be eligible to apply for a Masters program or PhD at USQ and other universities.

Program objectives

Upon completion of the Honours program, graduates will be able to:

- demonstrate high levels of proficiency in research and specific methodology including research planning and implementation, analysis, interpretation and evaluation of research results, and the presentation and communication of research findings
- demonstrate awareness of a wide range of research methods and the ethical and social responsibilities of a practising scientist
- apply the skills gained in the program to their specialist area with a high degree of proficiency
- undertake research-oriented careers or progress to higher level studies in their chosen specialist area
- meet the academic requirements for membership of professional societies or registration boards as practising discipline specialists
- proceed to PhD study subject to competitive evaluation of qualifications.

Admission requirements

General Requirements

To qualify for entry to the Bachelor of Science (Honours) program students will:

- have been awarded a degree in the area of Honours study, normally, with a substantial amount of undergraduate study in the major area of the discipline in which the Honours study is to be undertaken
- be current in their major area of study. To ensure currency of knowledge, students will normally have commenced their undergraduate degree no earlier than eight years previous to the year of application and will have satisfied requirements for the award of that degree no more than three years previously
- have met minimum academic requirements in the relevant undergraduate program. These requirements normally include one or more of the following:
- achieved a Grade Point Average equivalent to the level of Credit or better for the whole program
- achieved a Grade Point Average equivalent to the level of Credit or better in the second and third years of the undergraduate degree
- achieved a Grade Point Average equivalent to the level of Credit or better in the major study in the undergraduate degree.

Additional Requirements

In addition to the above general requirements, candidates for the Psychology Major must have completed a program of study approved by the Australian Psychology Accreditation Council (APAC) as constituting the first three years of study in psychology within the last three years.

Candidates for the Biology major must have submitted and had approved, a project proposal for which an appropriate supervisor is available before commencing studies. Acceptance will be subject to the availability of a supervisor for the project.

Discretionary Admission

The Dean may, on advice of the relevant Head of Department, admit students who do not satisfy all the general requirements for entry but who, in the opinion of the Head of Department, have a reasonable chance of success.

International Applications

International applicants must also have met the [University's English language](#) requirements or have completed the [University's ELICOS/UNIPREP programs](#) .

How to apply

Domestic students

[Application for honours programs](#) may be made directly to USQ. You should submit your application by the [closing dates](#).

International students

This program is offered to international students. An international student is a person who is not an Australian or New Zealand citizen and not an Australian permanent resident. Please refer to [USQ International](#) for information about entry requirements, visa arrangements and how to apply.

Program fees

Commonwealth supported place

A Commonwealth supported place is where the Australian Government makes a contribution towards the cost of your higher education and you as a student pay a [student contribution amount](#), which varies depending on the courses undertaken. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Commonwealth Supported students may be eligible to defer their fees through a Government loan called [HECS-HELP](#).

International full fee paying place

International students pay [full fees](#). Full fees vary depending on the courses that are taken and whether they are studied on-campus, via distance education/online. You are able to calculate the fees for a particular course via the [Course Fee Finder](#).

Program structure

The Honours program consists of eight units of study including project courses and specialised courses. The program has six majors - Applied Mathematics/Statistics, Psychology, Biology, Chemistry, Climatology and Physics. The structure of the majors is given in the following table:

| Structural Element (by units) | | | |
|--|----------------|---------------------|-------|
| Major | Project Course | Specialised Courses | Total |
| Applied Mathematics/Statistics | 4 | 4 | 8 |
| Biology; Chemistry; Climatology; Physics | 6 | 2 | 8 |
| Psychology | 3 | 5 | 8 |

Students enrolled in the Bachelor of Science (Honours) must seek advice from the appropriate Program Coordinator on:

- selection of appropriate specialised courses of study
- selection of an appropriate project
- detailed procedures for supervision, preparation and submission of progress reports and project material.

The project courses give students appropriate opportunity for research and scientific investigation of a topic within the area of the major study.

Required time limits

Students have a maximum of 2 years to complete this program.

Major studies

On enrolment, each student must choose one of the majors Applied Mathematics/Statistics, Biology or Psychology.

IT requirements

Students should visit the USQ [Recommended Hardware](#) and [Recommended Software](#) sites to check that their computers are capable of running the appropriate software and versions of Internet web browsers and to check the minimum and recommended standards for software.

Residential schools

For the Psychology Major there are two compulsory workshop blocks each semester, each usually of one week's duration. These workshops are compulsory for both on-campus and external students in the program. Students who apply from overseas will only be accepted if they are able and willing to reside in Australia for the duration of the program. Fourth year can be full-time (one year) or part-time (maximum of two years). Further information is available in the [residential schools schedule](#).

Exemptions

No exemptions will be given from any courses in the program. Candidates must complete all courses at USQ except in the case of the Applied Mathematics/Statistics major, for which students may complete up to two courses cross-institutionally.

Enrolment

Mid-year intake

There is usually no mid-year intake into the Bachelor of Science (Honours) program in psychology.

Recommended enrolment pattern - Applied mathematics/statistics major

This major is only available in on-campus mode.

| Course | Year of program and semester in which course is normally studied | | | | | | Enrolment requirements |
|---|--|-----|----------------|-----|--------------|-----|--|
| | On-campus (ONC) | | External (EXT) | | Online (WEB) | | |
| | Year | Sem | Year | Sem | Year | Sem | |
| Applied Mathematics/Statistics | | | | | | | |
| MSC8001 Research Project Methodology | 1 | 1 | | | | | Pre-requisite: Students must be enrolled in one of the following Programs: BINH or MCOP or MPIT or BSCH or MSMS. |
| MSC8002 Research Project Dissertation | 1 | 2 | | | | | Pre-requisite: MSC8001 and Students must be enrolled in one of the following Programs: BINH or MCOP or MPIT or BSCH or MSMS. |
| MAT8180 Mathematics/Statistics Complementary Studies A | 1 | 1 | | | | | OE |
| MAT8190 Mathematics/Statistics Complementary Studies B | 1 | 2 | | | | | OE |
| CSC8410 Independent Studies in Computing/Mathematics/Statistics A | 1 | 1 | | | | | Pre-requisite: Students must be enrolled in one of the following Programs: BINH or G CAC or GCPC or GDAC or GDPC or MCOP or MPIT or MPCP or MSMS or MSBN OE |
| CSC8411 Independent Studies in Computing/Mathematics/Statistics B | 1 | 2 | | | | | Pre-requisite: Students must be enrolled in one of the following Programs: BINH or G CAC or GCPC or GDAC or GDPC or MCOP or MPIT or MPCP or MSMS or MSBN OE |

Footnotes

OE Before enrolling in this course students must check that they have satisfied the 'Recommended prior study' or 'Other enrolment' requirements set out in the Other requisites section of the course specification.

Notes:

The two Maths/Stats Complementary Studies and two independent studies courses are staff-initiated and depend on staff research interests and/or areas of special expertise, or may be initiated by students. If student initiated, the student will be required to submit a proposal and a staff member would have to agree to supervise the student.

With the approval of the Mathematics or Statistics discipline Coordinator, one of the CSC or MSC courses may be substituted with a Level 8 course from another discipline at USQ.

The semester of offering of on-campus courses may vary depending on student demand and staff availability.

Recommended enrolment pattern - Biology; Chemistry; Climatology and Physics major

These majors are only available in on-campus mode. Students may commence their studies in either semester 1 or semester 2.

Students need to contact the Program Manager (Biological and Physical Sciences) on +61 7 4631 1540 or email sciences.enrolment@usq.edu.au

| Major study: Major Study: Biology | | | | | | | |
|---|--|------|----------------|-----|--------------|-----|------------------------|
| Course | Year of program and semester in which course is normally studied | | | | | | Enrolment requirements |
| | On-campus (ONC) | | External (EXT) | | Online (WEB) | | |
| | Year | Sem | Year | Sem | Year | Sem | |
| SCI4401 Science Honours Project A +##*^ | 1 | 1, 2 | | | | | |
| SCI4402 Science Honours Project B +##*^ | 1 | 1, 2 | | | | | |
| SCI4403 Special Study in Science +* | 1 | 1, 2 | | | | | |
| SCI4405 Research Practice and Ethics + | 1 | 1, 2 | | | | | |

Footnotes

- + May be studied in either Semester 1 or Semester 2. Students may only take each of these courses once.
- # [SCI4401](#) and [SCI4402](#) are available either semester but must be taken consecutively.
- * Students must consult the Program Coordinator on the selection of an appropriate project, and a suitable specialist topic for [SCI4403](#).
- ^ three-unit course.

Recommended enrolment pattern - Psychology major

The Psychology major may be studied externally, however compulsory attendance at four [residential schools](#) usually of one week's duration each will be required on-campus in Toowoomba during each year of the program. The number of days required at each residential school may depend on the chosen sequence of study and choice of thesis topic.

| Major study: Psychology | | | | | | | | |
|---|--|------|----------------|-----|--------------|-----|---|------------------------|
| Course | Year of program and semester in which course is normally studied | | | | | | Residential school (compulsory /optional) | Enrolment requirements |
| | On-campus (ONC) | | External (EXT) | | Online (WEB) | | | |
| | Year | Sem | Year | Sem | Year | Sem | | |
| PSY4001 Psychology Honours Project 1 *+ | | 1, 2 | | | | | Pre-requisite: Students must be enrolled in one of the following Programs: BSCH in Psychology major (12302) or BPSH or BPSY Co-requisite: PSY4010 | |
| PSY4002 Psychology Honours Project 2 *+ | | 1, 2 | | | | | Pre-requisite: PSY4001 and Students must be enrolled in one of the following Programs: BSCH in Psychology major (12302) or BPSH or BPSY | |
| PSY4010 Multivariate Statistics A ##+ | | 1 | | 1 | | | C Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or in one of the following Programs: BPSH or BPSY | |
| PSY4011 Multivariate Statistics B ##+ | | 2 | | 2 | | | C Pre-requisite: PSY4010 and Students must be enrolled in Program BPSH or Program BSCH in Psychology major (12302) | |

| Major study: Psychology | | | | | | | | |
|---|--|-----|----------------|-----|--------------|-----|---|--|
| Course | Year of program and semester in which course is normally studied | | | | | | Residential school (compulsory /optional) | Enrolment requirements |
| | On-campus (ONC) | | External (EXT) | | Online (WEB) | | | |
| | Year | Sem | Year | Sem | Year | Sem | | |
| PSY4020 Ethical and Professional Practice # | | 1 | | 1 | | | C | Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or in one of the following Programs: BPSH or BPSY |
| PSY4030 Skills and Issues in Counselling # | | 1 | | 1 | | | C | Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or in one of the following Programs: BPSH or BPSY |
| PSY4040 Advanced Psychological Theory # | | 2 | | 2 | | | | Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or in one of the following Programs: BPSH or BPSY |
| PSY4070 Advanced Assessment | | 2 | | | | | C | Pre-requisite: Students must be enrolled in Program BSCH in Psychology major (12302) or in one of the following Programs: BPSH or BPSY |

Footnotes

- * The Psychology Honours project (thesis) can be commenced in either semester 1 or semester 2. If you choose to start the Honours project in semester 1 (by enrolling in [PSY4001](#)), you must complete it by the end of semester 2 in the same year (by enrolling in [PSY4002](#)). However, if you choose to start the Honours project in semester 2, you must complete it by the end of semester 1 in the following year. The length of the project is normally two semesters and this is only extended with the written permission of the examiner for the thesis project courses.
- + [PSY4001](#) and [PSY4002](#) are each worth 1.5 units. [PSY4010](#) and [PSY4011](#) are each worth 0.5 units.
- # Students intending to study this course by distance education must attend two [residential schools](#), usually of one week's duration **each**, in the relevant semester. Part-time students are advised that they should enrol in the following compulsory courses ([PSY4020](#), [PSY4030](#), [PSY4040](#) and [PSY4070](#)) in the first year of enrolment.