

Bachelor of Engineering (Honours) / Bachelor of Science (BE(Hons)/BSc)

1 Definitions

In these rules—

BE(Hons) core courses means those courses listed in the core courses section of the BE (Hons) section of the BE(Hons)/BSc course list;

BE(Hons) major means a prescribed combination of 16 units from the BE(Hons) section of the BE(Hons)/BSc course list;

BE(Hons) minor means a prescribed combination of 8 units from the BE(Hons) section of the BE(Hons)/BSc course list;

BE(Hons) specialisation means a prescribed combination of 36 units from the BE(Hons) section of the BE(Hons)/BSc course list;

BSc major means a prescribed combination of 16 units from the major section of the BSc section of the BE(Hons)/BSc course list;

UQ minor means a prescribed combination of 8 units from the UQ minor section of the BSc course list.

2 Program requirements

- (1) To complete the program, a student must complete 80 units from the BE(Hons)/BSc course list, comprising—
 - (a) 60 units from the BE(Hons) component, comprising—
 - (i) 8 units for BE(Hons) core courses; and
 - (ii) 52 units for either—
 - (A) 36 units for a BE(Hons) specialisation and 16 units for a BE(Hons) major,
or
 - (B) 36 units for a BE(Hons) specialisation and 8 units for a BE(Hons) minor and 8 units from specified BE(Hons) electives relevant to the specialisation; or
 - (C) 36 units for a BE(Hons) specialisation and 16 units from specified BE(Hons) electives relevant to the specialisation; and
 - (b) 20 units from the BSc component, comprising—
 - (i) 16 units for a BSc major; and
 - (ii) the balance of units from the BSc course list (excluding SCIE1000, SCIE1100 and courses in the UQ minors list).
Note: see rule 4.3(1) relating to STAT1201 and STAT1301.
- (2) Unless a different intention appears in these rules, a student must comply with the program rules for both constituent degrees, excluding BSc program rule 2(1)(a) requiring students to complete a minimum of 10 units of courses at level 3 or higher.

3 Program plan

A student undertaking the Software Engineering specialisation or the Computing minor in the BE(Hons) must not complete the Computer Science major in the BSc.

4 Special rules

4.1 Courses in both course lists

- (1) All common core and compulsory courses must be counted towards the BE(Hons) component of the dual program and replaced with a course from the BSc course list at the same level or higher towards the BSc component (excluding courses in the UQ minors list).
- (2) Where a course is compulsory in one component of the dual program, but not in the other, it must be counted towards the component in which it is compulsory.
- (3) Where there is a choice as to which courses count toward each component of the dual program, then the highest graded courses shall count towards the BE(Hons) component and the balance toward the BSc component.

4.2 Applied Mathematics or Mathematics major

A student undertaking a BE(Hons) specialisation in which MATH2010 and STAT2201 are compulsory courses, and who is undertaking an Applied Mathematics major or a Mathematics major in the BSc, is required to complete MATH2100 towards the BSc component and STAT2203 towards the BE(Hons) component.

4.3 Statistics major

- (1) A student undertaking a Statistics major in the BSc is required to complete STAT1201 or STAT1301 towards the BE(Hons) component and is exempt from the requirement to gain credit for STAT2203, CIVL2530, or CHEE2010 towards the BE(Hons) component.
- (2) A student undertaking a BE(Hons) specialisation in which MATH2010 and STAT2201 are compulsory courses, and who is undertaking a Statistics major in the BSc, is required to complete MATH2100 towards the BSc component and STAT1201 or STAT1301 towards the BE(Hons) component.

4.4 Physics major

A student undertaking a specialisation and major option in the BE(Hons) component where the specialisation is Chemical Engineering, Civil Engineering or Software Engineering and who wants to undertake the Physics major in the BSc component must seek the approval of the Associate Dean (Academic).

4.5 Course limitations

- (1) No credit will be given for STAT1201 or STAT1301 unless a student is completing a Statistics major in the BSc component.
- (2) A student who is undertaking a BE(Hons) specialisation which lists ENGG1500 as a compulsory course may not gain credit for PHYS1001 towards the BE(Hons) component.