Bachelor of Engineering (Honours) / Bachelor of Mathematics

1 Definitions

In these rules—

BE(Hons) field means major, extended major, dual major or major and minor as defined in the BE(Hons) rules;

common compulsory courses are those courses listed in part A of the BMath course list which are also listed in part A of the relevant BE(Hons) field or which have an incompatible course listed in part A of the relevant BE(Hons) field.

2 Field of study

(1) A student must undertake the BE(Hons) component of the dual program in an approved field.
(2) A student may not undertake the BMath component of the dual program in any field.

3 Program requirements

(1) To complete the program, a student must complete 80 units, comprising—
  (a) 60 units toward the BE(Hons) component, comprising—
    (i) 52 to 60 units from the BE(Hons) course list for a BE(Hons) field; and
    (ii) the balance, if any, from courses on the BE(Hons) course list or part B and/or part C of the BMath course list or other courses approved by the executive dean; and
  (b) 20 units towards the BMath component, comprising—
    (i) 6 to 8 units from part A of the BMath course list being all MATH coded courses which are not common compulsory courses; and
    (ii) The balance from part B or part C of the BMath course list or a combination of both.
(2) For rule 3(1)(a), a student must complete at least 56 units from the BE(Hons) course list, not including preparatory science and mathematics courses.
(3) For rule 3(1)(b), a student must gain 8 units for late year courses from part A or part B of the BMath course list of a combination of both.
(4) Unless a different intention appears in these rules, a student must comply with the program rules for both degrees.

4 Concurrent enrolment

A student must maintain concurrent enrolment in both constituent degree programs.

Note The dual degree is a single program of study leading to the simultaneous award of two degrees. A student is not permitted to graduate with one degree and continue enrolment in the program.

5 Special rules

5.1 Courses in both course lists

(1) All common compulsory courses must be counted towards the BE(Hons) component of the dual program.
(2) Where a course is compulsory in one component of the dual program but not in the other, then it must be counted towards the component in which it is compulsory.
(3) MATH1050, if taken, must be counted towards the BMath component.
(4) When 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 BMath component.

5.2 Course Substitutions

(1) A student who is undertaking a BE(Hons) field which lists MATH2000 as compulsory is required to instead complete MATH2001 towards the BE(Hons) component.

(2) A student who is undertaking a BE(Hons) field which lists MATH2010 and either STAT2201 or STAT2202 as compulsory may instead complete MATH2100 towards the BMath component and STAT2203 towards the BE(Hons) component.