Bachelor of Mathematics/Bachelor of Information Technology
2019 Dual Degree Program Structure

It is important that you read and understand the following information about your dual program.

To be eligible to enrol in a dual degree program you must ensure that you satisfy the entry requirements for both programs.

It is your responsibility to ensure that you complete all the requirements for each section of this dual program in order to graduate with both degrees. The following information is designed to help you plan your enrolment to meet this goal. Further information can be found in the Official Rules and Course lists under the Program Rules and Requirements link for each program in the Programs and Courses website: https://my.uq.edu.au/programs-courses

You may need to amend this plan depending on your choice of major. You are not required to submit this program plan for approval. However, if you have any questions or concerns about meeting program requirements, especially when you are nearing the end of your program, please contact the relevant Faculty for advice.

Please note: Students exiting early with one component of a dual degree must complete the single degree requirements of that component. Students will then be required to follow the single degree rules to complete the remaining component from that dual degree.

PROGRAM GUIDELINES

You must complete a total of 64 units for this dual degree program.

Bachelor of Mathematics Requirements:

- 32 units from the BMath course list, comprising–
  (i) 14 units from part A; and
  (ii) 14 units from part B or part C or a combination of both; and
  (iii) 4 units from the BMath course list, or part A or part B of the BSc course list, or courses approved by the associate dean (academic).

- Students may complete a BMath major from part B by completing an approved combination of 16 units.

- Students must complete a minimum of 8 units of late year courses from Part A or Part B and no more than 24 units of level 1 courses can be included in the program.

- “Late year” refers to courses at level 3 or higher.

- Recommended study plans for each BMath major can be found at: http://planner.science.uq.edu.au/content/bachelor-of-mathematics

Please contact the Faculty of Science on (07) 3365 1888 for more information.

Bachelor of Information Technology Requirements:

- 32 units from the BInfTech course list, comprising–
  (i) 12 units from part A1, excluding MATH1061; and
  (ii) 4 units from part A2; and
  (iii) Either:
    (A) 14 units for a BInfTech major; or
    (B) 14 units, comprising–
      (a) 6 units from part B, with at least 2 units from part B1; and
      (b) 8 units from part C; and
  (iv) 2 units from part B or part C of the BInfTech List.

- Students must complete a minimum of 12 units of late year (level 3 or higher) courses from the BInfTech course list

- BInfTech students should discuss their enrolment plan with an academic adviser.
Special Rules
Courses in both course lists
   1. Where a course is compulsory in one component of the dual program but not the other, then it must be counted towards the component in which the course is compulsory.

The list of academic advisers is available at: http://www.itee.uq.edu.au/academic-advice
## BACHELOR OF MATHEMATICS/BACHELOR OF INFORMATION TECHNOLOGY
### DUAL DEGREE PROGRAM PLANNER

You can use this outline to plan your program structure.

### Courses

Please consult your academic adviser for course selection

### Units

Please consult your academic adviser for course selection

### Year One

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 1</th>
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</thead>
<tbody>
<tr>
<td>MATH1051 Calculus &amp; Linear Algebra* +</td>
<td>DECO1100 Design Thinking</td>
</tr>
<tr>
<td>MATH1061 Discrete Mathematics</td>
<td>DECO1400 Introduction to Web Design</td>
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### Year Two

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH2001 Advanced Calculus and Linear Algebra</td>
<td>INFS1200 Introduction to Information Systems</td>
</tr>
<tr>
<td>MATH2400 Mathematical Analysis +++</td>
<td><strong>Course from Part B or Part C; or a BInfTech major course</strong></td>
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### Year Three

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 2 course from major list</td>
<td><strong>Course from Part B or Part C; or a BInfTech major course</strong></td>
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### Year Four

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<thead>
<tr>
<th>Semester 1</th>
<th>Semester 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH3401 Complex Analysis</td>
<td>DECO3800 Design Computing Studio 3 – Propose</td>
</tr>
<tr>
<td>Level 3 course from major list</td>
<td><strong>Course from Part B or Part C; or a BInfTech major course</strong></td>
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### Please Note:

Summer Semester is optional.

*Students without Queensland Senior Maths C should complete MATH1050 before MATH1051.

+ Level 1 Advanced course MATH1071 Advanced Calculus & Linear Algebra also available

++ Level 1 Advanced course MATH1072 Advanced Multivariate Calculus & Ordinary Differential Equations also available

+++ Level 2 Advanced course MATH2401 Mathematical Analysis and Advanced Topics also available

**Students should complete either 14 units towards a BInfTech major; or a combination of 4 units from Part B and 2 units from Part B1 and 8 units from Part C

Please ensure that your BMath and BInfTech majors are listed correctly on mySI-net

Last updated 28/09/2018