Important Information

It is your responsibility to ensure that you complete all the requirements for each component 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. The Program Requirements, available on UQ’s Programs and Courses website, outline the requirements to complete the dual program.

Program Guidelines

Bachelor of Mathematics component:
- Students without Queensland Specialist Mathematics (or equivalent) should complete MATH1050 before MATH1051.
- Students must complete at least one major.

Bachelor of Science component:
- Students must complete at least one major or extended major.
- Students must complete at least 10 units of courses at level 3 or higher.

Cross-listed Courses

A course can only count towards one dual program component. If the course is compulsory in one program, it must be counted towards that program component and you should select another course from the other course list at the same level or higher. If a course is compulsory in both programs, you may select which program it will count towards, and select another course at the same level or higher from the other program course list.

For courses selected from the BSc course list, this does not include courses in the UQ minors list. Please check the special rules for the dual program as they may outline specific requirements for course substitutions.

Regardless of any possible cross-listing between programs, to meet the program requirements for the BSc component and BMath component of your dual program, each:

- major must include 8 units of courses level 3 or higher,
- BSc extended major must contain 12 units of courses at level 3 or higher, and
- minor must contain 4 units of courses at level 2 or higher

taken from and counting only towards that plan’s course list.

Exiting Early

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.

Global Experience

If you are planning on completing an overseas exchange, you may have to amend this plan. Students who would like an exchange experience in their program are encouraged to seek advice early in their program and be aware of the exchange deadlines: https://employability.uq.edu.au/global-experiences.
Require Further Assistance?

If you require assistance planning your program or have concerns about meeting program requirements, please contact the relevant Faculty for advice:

<table>
<thead>
<tr>
<th>Program</th>
<th>Faculty</th>
<th>Contact Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelor of Mathematics</td>
<td>Faculty of Science</td>
<td><a href="mailto:enquire@science.uq.edu.au">enquire@science.uq.edu.au</a></td>
</tr>
<tr>
<td>Bachelor of Science</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Study Planners

1. Semester 1 Commencement | Full Time Study Planner – BSc single major
2. Semester 1 Commencement | Full Time Study Planner – BSc extended major
3. Semester 1 Commencement | Full Time Study Planner – BSc single major + minor
4. Semester 2 Commencement | Full Time Study Planner
## Semester 1 Commencement | Full Time Study Planner

### BACHELOR OF MATHEMATICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH1051(^1)</td>
<td>Calculus &amp; Linear Algebra I</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH1061</td>
<td>Discrete Mathematics</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATH1052(^1)</td>
<td>Multivariate Calculus &amp; Ordinary Differential Equations</td>
<td>2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>STAT1301(^2)</td>
<td>Advanced Analysis of Scientific Data</td>
<td>2</td>
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### BACHELOR OF SCIENCE (Single Major)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH2400(^1)</td>
<td>Mathematical Analysis</td>
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<td></td>
<td>Program Elective Course</td>
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<tr>
<td></td>
<td>Level 2 Course</td>
<td></td>
<td></td>
<td>Level 2 Course</td>
<td></td>
</tr>
<tr>
<td>MATH2504</td>
<td>Programming of Simulation, Analysis, &amp; Learning Systems</td>
<td>2</td>
<td></td>
<td>Program Elective Course</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Level 2 Course</td>
<td></td>
<td></td>
<td>Level 2 course from BSc major list</td>
<td></td>
</tr>
</tbody>
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### Year 2

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Program Elective Course</th>
<th>Level 2 Course from BMath major list</th>
<th>Level 3 Course from BMath major list</th>
</tr>
</thead>
</table>

### Year 3

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Level 3 Elective</th>
<th>Level 3 Course from BSc course list</th>
</tr>
</thead>
</table>

### Year 4

<table>
<thead>
<tr>
<th>Semester 1</th>
<th>Program Elective Course</th>
<th>Level 3 Course from BSc course list</th>
</tr>
</thead>
</table>

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1 Students should refer to the BMath course list for advanced course offerings.
2 Students are required to complete STAT1301 for the BMath component and may not enrol in and must not be granted credit for completing STAT1201.
3 If chosen BSc major only requires 2 units of prerequisites, complete a course at any level from the BSc course list.
### Semester 1 Commencement | Full Time Study Planner

#### BACHELOR OF MATHEMATICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH1051¹</td>
<td>Calculus &amp; Linear Algebra I</td>
<td>2</td>
<td>SCIE1000</td>
<td>Theory &amp; Practice in Science</td>
<td>2</td>
</tr>
<tr>
<td>MATH1061</td>
<td>Discrete Mathematics</td>
<td>2</td>
<td></td>
<td>Level 1 Course³</td>
<td>2</td>
</tr>
<tr>
<td>MATH1052¹</td>
<td>Multivariate Calculus &amp; Ordinary</td>
<td>2</td>
<td></td>
<td>Level 1 Course³</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Differential Equations</td>
<td></td>
<td></td>
<td>Level 1 prerequisite/compulsory course</td>
<td></td>
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<td></td>
<td>for BSc extended major</td>
<td></td>
</tr>
<tr>
<td>STAT1301²</td>
<td>Advanced Analysis of Scientific Data</td>
<td>2</td>
<td></td>
<td>Level 1 Course³</td>
<td>2</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Level 1 prerequisite/compulsory course</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>for BSc extended major</td>
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#### BACHELOR OF SCIENCE (Extended Major)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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<tbody>
<tr>
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<td></td>
<td></td>
<td></td>
<td>Level 1 Course³</td>
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<tr>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>for BSc extended major</td>
<td></td>
</tr>
</tbody>
</table>

1 Students should refer to the BMath course list for advanced course offerings.
2 Students are required to complete STAT1301 for the BMath component and may not enrol in, and must not be granted credit for completing STAT1201.
3 If chosen BSc extended major only requires 2 units of prerequisites, complete a course at any level from the BSc course list.
## Semester 1 Commencement | Full Time Study Planner

### BACHELOR OF MATHEMATICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH1051¹</td>
<td>Calculus &amp; Linear Algebra I</td>
<td>2</td>
<td></td>
<td>SCIE1000</td>
<td>2</td>
</tr>
<tr>
<td>MATH1061</td>
<td>Discrete Mathematics</td>
<td>2</td>
<td>Level 1 Course³</td>
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<td>MATH1052¹</td>
<td>Multivariate Calculus &amp; Ordinary Differential Equations</td>
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### BACHELOR OF SCIENCE

(Single Major + Minor)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>MATH2400¹</td>
<td>Mathematical Analysis</td>
<td>2</td>
<td>Minor</td>
<td>Course from BSc minor list</td>
<td>2</td>
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<tr>
<td>Level 2 Course</td>
<td>Level 2 course from major list</td>
<td>2</td>
<td>Level 2 Course</td>
<td>Level 2 course from BSc major list</td>
<td>2</td>
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<tr>
<td>MATH2504</td>
<td>Programming of Simulation, Analysis, &amp; Learning Systems</td>
<td>2</td>
<td>Level 2 Course</td>
<td>Level 2 course from BSc major list</td>
<td>2</td>
</tr>
<tr>
<td>Level 2 Course</td>
<td>Level 2 course from BMath major list</td>
<td>2</td>
<td>Minor</td>
<td>Course from BSc minor list</td>
<td>2</td>
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</tbody>
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### Year 2 Semester 1

| Level 2 Course | Level 2 course from BMath major list | 2 | Level 2 Course | Level 2 course from BSc major list | 2 |
| Program Elective Course | Course from the BMath course list | 2 | Minor | Course from BSc minor list | 2 |

### Year 2 Semester 2

| Level 3 Course | Level 3 course from BMath major list | 2 | Level 3 Course | Level 3 course from BSc major list | 2 |
| Level 3 Course | Level 3 course from BMath major list | 2 | Minor Level 3 Course⁴ | Level 3 course from minor list | 2 |

### Year 3 Semester 1

| Level 3 Course | Level 3 course from BMath major list | 2 | Level 3 Course | Level 3 course from BSc major list | 2 |
| Level 3 Course | Level 3 course from BMath major list | 2 | Level 3 Course | Level 3 course from BSc major list | 2 |

### Year 4 Semester 2

| Level 3 Course | Level 3 course from BMath major list | 2 | Level 3 Course | Level 3 course from BSc major list | 2 |
| Program Elective Course | Course from the BMath course list | 2 | Level 3 Course | Level 3 course from BSc major list | 2 |

¹ Students should refer to the BMath course list for advanced course offerings.
² Students are required to complete STAT1301 for the BMath component and may not enrol in, and must not be granted credit for completing STAT1201.
³ If chosen BSc major only requires 2 units of prerequisites, complete a course for minor or any level course from BSc course list.
⁴ If already completed requirements for minor, must complete a Level 3 course from BSc course list.
## Semester 2 Commencement | Full Time Study Planner

### BACHELOR OF MATHEMATICS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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</thead>
<tbody>
<tr>
<td>STAT1301²</td>
<td>Advanced Analysis of Scientific Data</td>
<td>2</td>
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<td>Multivariate Calculus &amp; Ordinary Differential Equations</td>
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**Year 1**

**Semester 1**

<table>
<thead>
<tr>
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<tbody>
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<td>MATH1051¹</td>
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</tr>
<tr>
<td>MATH1061</td>
<td>Discrete Mathematics</td>
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**Semester 2**

<table>
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<tbody>
<tr>
<td>MATH2504</td>
<td>Programming of Simulation, Analysis, &amp; Learning Systems</td>
<td>2</td>
</tr>
<tr>
<td>Level 2 Course</td>
<td>Level 2 course from BMath major list</td>
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**Year 2**

**Semester 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
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<tbody>
<tr>
<td>MATH2400¹</td>
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</tr>
<tr>
<td>Level 2 Course</td>
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**Semester 2**

<table>
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<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 2 Course</td>
<td>Level 2 course from BMath major list</td>
<td>2</td>
</tr>
<tr>
<td>Program Elective Course</td>
<td>Course from the BMath course list</td>
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**Year 3**

**Semester 1**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
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</thead>
<tbody>
<tr>
<td>Level 3 Course</td>
<td>Level 3 course from BMath major list</td>
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</tbody>
</table>

**Semester 2**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level 3 Course</td>
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**Year 4**

**Semester 1**

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<tbody>
<tr>
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**Semester 2**

<table>
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<tr>
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<tbody>
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**Year 5**

**Semester 1**

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<tr>
<td>Level 3 Course</td>
<td>Level 3 course from BMath major list</td>
<td>2</td>
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</tbody>
</table>

**Program Elective Course** | Course from the BMath course list | 2

---

1. Students should refer to the BMath course list for advanced course offerings.
2. Students are required to complete STAT1301 for the BMath component and may not enrol in, and must not be granted credit for completing STAT1201.