### 2022 Dual Degree Study Planner

# **Bachelor of Mathematics / Bachelor of Economics**



### **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.

### Selecting Plans in mySI-net

A plan is a prescribed combination of courses within a program being either a field of study, major, extended major, specialisation, minor or extended minor.

Ensure the plans for your program are correctly listed in <u>mySI-net</u>. If you require assistance selecting your plan(s), follow these instructions.

You may need to amend this plan depending on your choice of major.

#### **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: <a href="https://employability.uq.edu.au/global-experiences.">https://employability.uq.edu.au/global-experiences.</a>

#### Require Further Assistance?

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

Program	Faculty	Contact Information	
Bachelor of Mathematics	Faculty of Science	enquire@science.uq.edu.au	
Bachelor of Economics	Faculty of Business, Economics & Law	bel@uq.edu.au	

### **Program Requirements**

The Program Rules outline the requirements to complete the dual program and should be read in conjunction with the course list for each component of the dual program. The program rules are available on <u>UQ's Programs and Courses</u> website for the program.

You must complete a total of 64 units comprising:

#### Bachelor of Mathematics (BMath) component:

- 32 units from the BMath course list including
  - 12 units for all BMath Core Courses;
  - o 16 units for one Major from BMath Major List, and
  - o 4 units from BMath Program Electives

Note: Students without Queensland Senior Maths C (or equivalent) should complete MATH1050 before MATH1051.

AND (continue on page 2)

## 2022 Dual Degree Study Planner

## **Bachelor of Mathematics / Bachelor of Economics**



### Bachelor of Economics (BEcon) component:

- 32 units from the BEcon List including
  - o 12 units for all BEcon Core Courses (excluding ECON1050 and ECON1310); and
  - o Either:
    - 16 units for one Major from BEcon Majors, or
    - 16 units from BEcon Flexible Core Courses
  - o Plus an additional 4 units of BEcon Flexible Core Courses

Selected courses must include at least 8 units at level 3.

### **Course Scheduling**

This planner is intended as a guide only and is based on current scheduling of courses. Students should note that scheduling can change from year to year. You are advised to check the scheduling for the current year and contact the relevant faculty for advice if course scheduling has changed.

### **Study Planners**

- 1. Semester 1 Commencement | Full Time Study Planner
- 2. Semester 2 Commencement | Full Time Study Planner

# 2022 Dual Degree Study Planner Bachelor of Mathematics /

# **Bachelor of Economics**



### Semester 1 Commencement | Full Time Study Planner

	BACHELOR OF MATHEMATICS			BACHELOR OF ECONOMICS		
Course Code	Course Name	Units	Course Code	Course Name	Units	
MATH1051 <sup>1</sup>	Calculus & Linear Algebra I	2	ECON1010	Introductory Microeconomics	2	
MATH1061	Discrete Mathematics	2	ECON1020	Introductory Macroeconomics	2	
MATH1052 <sup>1</sup>	Multivariate Calculus & Ordinary Differential Equations	2	ECON2010	Intermediate Microeconomics	2	
STAT1301	Advanced Analysis of Scientific Data	2	ECON2020	Intermediate Macroeconomics	2	
MATH2400 <sup>1</sup>	Mathematical Analysis	2	ECON2101	Cost-Benefit Analysis	2	
Level 2 Course	Level 2 course from BMath major list	2	ECON2300	Introductory Econometrics	2	
<u>MATH2504</u>	Programming of Simulation, Analysis, & Learning Systems	2		Course 1 for BEcon Major or BEcon Flexible Core Course	2	
Level 2 Course	Level 2 course from BMath major list	2		Course 2 for BEcon Major or BEcon Flexible Core Course	2	
Level 2 Course	Level 2 course from BMath major list	2		Course 3 for BEcon Major or BEcon Flexible Core Course	2	
Program Elective	Course from the BMath course list	2		Course 4 for BEcon Major or BEcon Flexible Core Course	2	
Level 3 Course	Level 3 course from BMath major list	2		Course 5 for BEcon Major or BEcon Flexible Core Course	2	
Level 3 Course	Level 3 course from BMath major list	2		Course 6 for BEcon Major or BEcon Flexible Core Course	2	
Level 3 Course	Level 3 course from BMath major list	2		Course 7 for BEcon Major or BEcon Flexible Core Course	2	
Level 3 Course	Level 3 course from BMath major list	2		Course 8 for BEcon Major or BEcon Flexible Core Course	2	
Level 3 Course	Level 3 course from BMath major list	2		BEcon Flexible Core Course	2	
Program Elective	Course from the BMath course list	2		BEcon Flexible Core Course	2	
Total Units		32	Total Units		32	
	MATH1051 <sup>1</sup> MATH1061  MATH1052 <sup>1</sup> STAT1301  MATH2400 <sup>1</sup> Level 2 Course  MATH2504  Level 2 Course  Program Elective  Level 3 Course  Program Elective	MATH1051¹Calculus & Linear Algebra IMATH1061Discrete MathematicsMATH1052¹Multivariate Calculus & Ordinary Differential EquationsSTAT1301Advanced Analysis of Scientific DataMATH2400¹Mathematical AnalysisLevel 2 CourseLevel 2 course from BMath major listMATH2504Programming of Simulation, Analysis, & Learning SystemsLevel 2 CourseLevel 2 course from BMath major listProgram ElectiveCourse from the BMath course listLevel 3 CourseLevel 3 course from BMath major list	MATH1051¹Calculus & Linear Algebra I2MATH1061Discrete Mathematics2MATH1052¹Multivariate Calculus & Ordinary Differential Equations2STAT1301Advanced Analysis of Scientific Data2MATH2400¹Mathematical Analysis2Level 2 CourseLevel 2 course from BMath major list2MATH2504Programming of Simulation, Analysis, & Learning Systems2Level 2 CourseLevel 2 course from BMath major list2Level 2 CourseLevel 2 course from BMath major list2Program ElectiveCourse from the BMath course list2Level 3 CourseLevel 3 course from BMath major list2Program ElectiveCourse from BMath major list2	MATH1051¹       Calculus & Linear Algebra I       2       ECON1010         MATH1061       Discrete Mathematics       2       ECON1020         MATH1052¹       Multivariate Calculus & Ordinary Differential Equations       2       ECON2010         STAT1301       Advanced Analysis of Scientific Data       2       ECON2020         MATH2400¹       Mathematical Analysis       2       ECON2101         Level 2 Course       Level 2 course from BMath major list       2       ECON2300         MATH2504       Programming of Simulation, Analysis, & Learning Systems       2         Level 2 Course       Level 2 course from BMath major list       2         Level 2 Course       Level 2 course from BMath major list       2         Level 3 Course       Level 3 course from BMath major list       2         Level 3 Course       Level 3 course from BMath major list       2         Level 3 Course       Level 3 course from BMath major list       2         Level 3 Course       Level 3 course from BMath major list       2         Level 3 Course       Level 3 course from BMath major list       2         Program Elective       Course from the BMath course list       2	MATH1051¹       Calculus & Linear Algebra I       2       ECON1010       Introductory Microeconomics         MATH1061       Discrete Mathematics       2       ECON1020       Introductory Macroeconomics         MATH1052¹       Multivariate Calculus & Ordinary Differential Equations       2       ECON2010       Intermediate Microeconomics         STAT1301       Advanced Analysis of Scientific Data       2       ECON2020       Intermediate Macroeconomics         MATH2400¹       Mathematical Analysis       2       ECON2101       Cost-Benefit Analysis         Level 2 Course       Level 2 course from BMath major list       2       ECON2300       Introductory Econometrics         MATH2504       Programming of Simulation, Analysis, & Learning Systems       2       Course 1 for BEcon Major or BEcon Flexible Core Course         Level 2 Course       Level 2 course from BMath major list       2       Course 2 for BEcon Major or BEcon Flexible Core Course         Level 2 Course       Level 3 course from BMath major list       2       Course 4 for BEcon Major or BEcon Flexible Core Course         Level 3 Course       Level 3 course from BMath major list       2       Course 6 for BEcon Major or BEcon Flexible Core Course         Level 3 Course       Level 3 course from BMath major list       2       Course 6 for BEcon Major or BEcon Flexible Core Course         Level 3	

<sup>&</sup>lt;sup>1</sup> Students should refer to the BMath course list for advanced course offerings.

At least 8 units of BEcon courses must be at level 3.

# 2022 Dual Degree Study Planner Bachelor of Mathematics /

# **Bachelor of Economics**



### **Semester 2 Commencement | Full Time Study Planner**

		BACHELOR OF MATHEMATICS			BACHELOR OF ECONOMICS		
		Course Code	Course Name	Units	Course Code	Course Name	Units
Year 1	Semester 2	MATH1051 <sup>1</sup>	Calculus & Linear Algebra I	2	ECON1010	Introductory Microeconomics	2
	Seme	STAT1301	Advanced Analysis of Scientific Data	2	ECON1020	Introductory Macroeconomics	2
Year 2	ster 1	MATH1052 <sup>1</sup>	Multivariate Calculus & Ordinary Differential Equations	2	ECON2010	Intermediate Microeconomics	2
	Semester	MATH1061	Discrete Mathematics	2	ECON2020	Intermediate Macroeconomics	2
	Semester 2	MATH2504	Programming of Simulation, Analysis, & Learning Systems	2	ECON2101	Cost- Benefit Analysis	2
	Seme	Level 2 Course	Level 2 course from BMath major list	2	ECON2300	Introductory Econometrics	2
Year 3	Semester 1	MATH2400 <sup>1</sup>	Mathematical Analysis	2		Course 1 for BEcon Major or BEcon Flexible Core Course	2
	Seme	Level 2 Course	Level 2 course from BMath major list	2		Course 2 for BEcon Major or BEcon Flexible Core Course	2
	Semester 2	Level 2 Course	Level 2 course from BMath major list	2		Course 3 for BEcon Major or BEcon Flexible Core Course	2
	Seme	Program Elective	Course from the BMath course list	2		Course 4 for BEcon Major or BEcon Flexible Core Course	2
Year	ster 1	Level 3 Course	Level 3 course from BMath major list	2		Course 5 for BEcon Major or BEcon Flexible Core Course	2
	Semester	Level 3 Course	Level 3 course from BMath major list	2		Course 6 for BEcon Major or BEcon Flexible Core Course	2
	nester 2	Level 3 Course	Level 3 course from BMath major list	2		Course 7 for BEcon Major or BEcon Flexible Core Course	2
	Seme	Level 3 Course	Level 3 course from BMath major list	2		Course 8 for BEcon Major or BEcon Flexible Core Course	2
Year 5	Semester 1	Level 3 Course	Level 3 course from BMath major list	2		BEcon Flexible Core Course	2
	Seme	Program Elective	Course from the BMath course list	2		BEcon Flexible Core Course	2
To	Total Units		32	Total Units		32	

<sup>&</sup>lt;sup>1</sup> Students should refer to the BMath course list for advanced course offerings.

At least 8 units of BEcon courses must be at level 3.