

		St Lucia Majors																								
Course code	Course name	Psychology ⁵	Biomedical Science ⁶	Microbiology ⁶	Biophysics ^{6,7}	Biochem & Molecular Biology ⁶	Genetics	Ecology ⁸	Zoology ⁸	Plant Science ⁶	Marine Science ⁹	Marine Biology ¹⁰	Geographical Sciences	Geological Sciences	Archaeological Science	Public Health	Food Science & Technology ¹¹	Food Science & Nutrition ⁶	Chemical Sciences ¹²	Chemistry	Bioinformatics	Mathematics	Statistics	Physics	Computer Science	Computational Science Major ¹³
SCIE1000	Theory & Practice in Science																									
ARCA1000	Discovering Archaeology																									
BIOL1020	Genes, Cells & Evolution																									
BIOL1030	Global Challenges in Biology																									
CHEM1100 ¹	Chemistry 1																									
FOOD1001	Principles of Food Preservation																									
PHYS1001	Mechanics & Thermal Physics I																									
PUBH1102	Introduction to Public Health																									
CSSSE1001	Introduction to Software Engineering																									
ERTH1000	Planet Earth: The Big Picture																									
GEOS1100	Environment & Society																									
INFS1200	Introduction to Information Systems																									
MATH1050 ²	Mathematical Foundations																									
MATH1051 ³ or MATH1071 ⁴	Calculus & Linear Algebra I Advanced Calculus & Linear Algebra I (Sem 1 only)																									
MATH1061	Discrete Mathematics																									
NEUR1020	The Brain and Behavioural Sciences																									
PHYS1002	Electromagnetism and Modern Physics																									
PHYS1171	Physical Basis of Biological Systems																									
PSYC1030	Introduction to Psychology: Developmental, Social & Clinical Psychology																									
PSYC1040	Psychological Research Methodology I																									
STAT1201 or STAT1301	Analysis of Scientific Data Advanced Analysis of Scientific Data	5																								
ARCS1001	Doing Archaeology																									
BIOL1040	Cells to Organisms																									
CHEM1200 ¹	Chemistry 2																									
CHEM1221 ¹	General, Organic & Biological Chemistry																									
GEOM1000	Fundamentals of Geographic Information and Technologies																									
INDH1005	Aboriginal & Torres Strait Islander Health																									
MATH1052 or MATH1072 ⁴	Multivariate Calculus & Ordinary Differential Equations Advanced Multivariate Calculus & Ordinary Differential Equations																									
PUBH1103	Health Systems & Policy																									

NOTES:

- Students without Queensland Senior Chemistry should complete CHEM1090 before any other chemistry course.
- MATH1050 is not available for students with a High Achievement or higher in Senior Maths C.
- Students without Queensland Senior Maths C should complete MATH1050 before MATH1051.
- Students with a HA in Senior Maths C (or a 6 or 7 in MATH1050) should take the sequence MATH1071, MATH1072 and MATH2401.
- Students who complete both PSYC1040 and PSYC2010 will be exempt from STAT1201.
- Students who commence this program in Semester 2 should enrol in BIOL1020, BIOL1040, CHEM1100 and STAT1201.
- Biophysics majors should complete PHYS1001 **OR** PHYS1171.

- Students who commence this program in Semester 2 should enrol in BIOL1020, BIOL1040 and STAT1201.
- Marine Science majors are encouraged to complete both BIOL1020 and CHEM1221; however, you may elect to complete only one.
- Marine Biology majors are encouraged to complete both EARTH1000 and CHEM1221; however, you may elect to complete only one.
- Food Science and Technology majors should complete either BIOL1020 **OR** BIOL1040 **AND** either CHEM1100 **OR** CHEM1200.
- Chemical Sciences majors are required to complete at least one of the following: BIOL1020, BIOL1040, MATH1051/1071 and PHYS1001.
- Computational Science is a dual major that you combine with one other 14-unit major.

LEGEND:

	COMPULSORY
	PREREQUISITE FOR 2nd YEAR COURSES IN THIS MAJOR
	RECOMMENDED ELECTIVE
	SCIENCE ELECTIVE OPTIONS