Flinders UNIVERSITY
College of Science & Engineering

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2021 Study Plan Template

Bachelor of Science (Honours) (Molecular Biosciences)

Please note that this document is provided as a guide only. Students are responsible for ensuring that they have completed 144 units of study according to the official Bachelor of Science (Honours) (Molecular Biosciences) course rule available at https://students.flinders.edu.au/my-course/course-rules/undergrad/bscs/bschs-mbio

Students are responsible for planning their Core, Option and Elective topics ahead to ensure they meet the topic prerequisites.

A list of all topics, including topic prerequisite information and alternate study period availabilities, is available at 2021 Topics

Semester 1 start:

Year 1	**S1**	**BIOL1102** Molecular Basis of Life	**STEM1001** Nature of STEM	**One of:** **CHEM1101** Chemical Structure and Bonding **OR** **CHEM1201** General Chemistry	**^ Elective Topic**
	S2	**BIOL1101** Evolution of Biological Diversity	**STAT1122** Biostatistics	**CHEM1202** Chemistry for the Life Sciences	**^ Elective Topic**
Year 2	**S1**	**BIOL2701** Experimental Design and Statistics for Biology	**BIOL2761** Virology	**BIOL2771** Biochemistry	**^ Elective Topic**
	S2	**BIOL2702** Genetics, Evolution and Biodiversity	**BIOL2722** Disease and Immunology	**BIOL2772** Molecular Biology	**^ Elective Topic**
Year 3	**S1**	**BIOL3761** Foundations in Microbiology	**BIOL3771** DNA to Genome	**Year Three option Topic**	**^ Elective Topic**
	S2	**BIOL3762** Protein to Proteome	**BIOL3772** Integrating Molecular Biosciences	**BIOL3782** Advanced Microbiology: Microbial Ecology and Infectious Disease	**^ Elective Topic**
Year 4	**S1**	**STEM7001** Honours Research Methods	**BIOL7710** Honours Critical Readings	**BIOL7720** Honours Statistics and Research Design	**STEM7000A** Honours Research Project in STEM
	S2	**STEM7000B** Honours Research Project in STEM	**STEM7000C** Honours Research Project in STEM	**STEM7000D** Honours Research Project in STEM	**STEM7000E** Honours Research Project in STEM

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Semester 2 start:

Year 1	**S2**	**BIOL1101** Evolution of Biological Diversity	**STAT1122** Biostatistics	**^ Elective Topic**	**^ Elective Topic**
	S1	**BIOL1102** Molecular Basis of Life	**STEM1001** Nature of STEM	**One of:** **CHEM1101** Chemical Structure and Bonding **OR** **CHEM1201** General Chemistry	**^ Elective Topic**
Year 2	**S2**	**CHEM1202** Chemistry for the Life Sciences	**BIOL2702** Genetics, Evolution and Biodiversity	**BIOL2722** Disease and Immunology	**BIOL2772** Molecular Biology
	S1	**BIOL2701** Experimental Design and Statistics for Biology	**BIOL2761** Virology	**BIOL2771** Biochemistry	**BIOL3761** Foundations in Microbiology
Year 3	**S2**	**BIOL3762** Protein to Proteome	**BIOL3772** Integrating Molecular Biosciences	**BIOL3782** Advanced Microbiology: Microbial Ecology and Infectious Disease	**^ Elective Topic**
	S1	**BIOL3771** DNA to Genome	**Year Three option Topic**	**^ Elective Topic**	**^ Elective Topic**
Year 4	**S2**	**STEM7001** Honours Research Methods	**BIOL7720** Honours Statistics and Research Design	**STEM7000A** Honours Research Project in STEM	**STEM7000B** Honours Research Project in STEM
	S1	**BIOL7710** Honours Critical Readings	**STEM7000C** Honours Research Project in STEM	**STEM7000D** Honours Research Project in STEM	**STEM7000E** Honours Research Project in STEM

Key:	
Core Topic	Compulsory topic
Option Topic	A choice from a list of specified topics
^ Elective Topic	Any topic offered by the University at the appropriate year level, provided entry and course requirements are met and that no more than 45 units of First Year topics are included in the 108-unit program. Please refer to the course rule for a list of recommended electives. Students are encouraged to enroll in **STEM3001 Science Connect** as a third-year elective