

Bachelor of Engineering (Environmental) (Honours) / Bachelor of Science (Environmental Science) 2024 Study Planner



Science & Engineering

Semester 1 Start:

First Level	Semester 1	ENGR1711 Engineering Design		ENGR1721 Engineering Programming		EASC1101 Earth and environmental Sciences		STEM1001 Nature of STEM	
	Semester 2	ENGR1722 Engineering Materials and Systems		MATH1122 Mathematics 1B		BIOL1101 Evolution of Biological Diversity		EASC1102 Marine Sciences	
Second Level	Semester 1	PHYS1101 Physics 1A		ENGR1401 Professional Skills		GIST1001 Geospatial Information Systems		ENVS3752 Geology of Australia	
	Semester 2	ENGR1201 Electronics		ENGR2711 Engineering Mathematics		STAT1122 Biostatistics		EASC2702 Global Climate Change	
Third Level	Semester 1	ENGR2741 Mechanics and Structures		ENGR2024 Production Engineering		ENVS2731 Coastal Processes		ENVS2101 Water Quality and Pollution	
	Semester 2	ENGR2882 Waste Management		GIST1002 Earth Observation Fundamentals		STEM2005 Science Applied		ENVS2712 Environmental Change and Human Health	
Fourth Level	Semester 1	ENGR3851 Hydraulics and Water Engineering		EASC3741 Physical Hydrogeology		BIOL3791 Ecology and Geomorphology of Coastal Environments		ENGR3750 Workplace Preparation (0 units) (NS1)	
	Semester 2	ENGR2832 Engineering, Geology and Geomechanics	ENGR9704 Engineering Management (NS2)	ENGR9405 Engineering Work Experience	ENVS3731 Ecohydrology, Soil and Climate	ENVS3750 Field Studies in Environmental Disciplines			
Fifth Level	Semester 1	ENGR7971 Advanced Environmental Engineering Design		STEM7003 Research Methods for Engineering and ICT Honours		STEM7004A Honours Research Project (4.5/15 units)		STEM7004B Honours Research Project (4.5/15 units) (S1 or S2 depending on Option Topic)	
	Semester 2	ENGR7872 Advanced Infrastructure Design: Geotechnical and Water Engineering		ENGR9742 Systems Engineering		STEM7004C Honours Research Project (4.5/15 units)		Option Topic Refer to Course Rule (S1 or S2)	

Semester 2:

First Level	Semester 2	ENGR1722 Engineering Materials and Systems	MATH1122 Mathematics 1B		BIOL1101 Evolution of Biological Diversity	EASC1102 Marine Sciences
	Semester 1	ENGR1711 Engineering Design	ENGR1721 Engineering Programming		EASC1101 Earth and environmental Sciences	STEM1001 Nature of STEM
Second Level	Semester 2	ENGR1201 Electronics	ENGR2711 Engineering Mathematics		STAT1122 Biostatistics	EASC2702 Global Climate Change
	Semester 1	PHYS1101 Physics 1A	ENGR1401 Professional Skills		GIST1001 Geospatial Information Systems	ENVS3752 Geology of Australia
Third Level	Semester 2	ENGR2882 Waste Management	GIST1002 Earth Observation Fundamentals		STEM2005 Science Applied	ENVS2712 Environmental Change and Human Health
	Semester 1	ENGR2741 Mechanics and Structures	ENGR2024 Production Engineering		ENVS2731 Coastal Processes	ENVS2101 Water Quality and Pollution
Fourth Level	Semester 2	ENGR2832 Engineering, Geology and Geomechanics	ENGR9704 Engineering Management (NS2)	ENGR9405 Engineering Work Experience	ENVS3731 Ecohydrology, Soil and Climate	ENVS3750 Field Studies in Environmental Disciplines
	Semester 1	ENGR3851 Hydraulics and Water Engineering		ENGR2024 Production Engineering	GEOG3040 Environmental Impact Assessment	EASC3741 Physical Hydrogeology
Fifth Level	Semester 2	ENGR7872 Advanced Infrastructure Design: Geotechnical and Water Engineering		ENGR9742 Systems Engineering	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units) (S1 or S2 depending on Option Topic)
	Semester 1	ENGR7971 Advanced Environmental Engineering Design		STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 units)	Option Topic Refer to Course Rule (S1 or S2)

Key:

Core Topics	Compulsory topic
Option Topics	A choice from a list of specified topics (please refer to course rule)

Please note:

- This document is provided as a guide only. Students are responsible for ensuring that they have completed their study according to the official [Course Rule](#).
- Topic information for all topics, including pre-requisites can be found on the [Topic Page](#)
- General enrolment assistance is available via [Ask Flinders](#)
- For specific course advice e-mail: courseadvice.SE@flinders.edu.au