

Bachelor of Engineering (Environmental) (Honours) 2023 Study Planner



Science & Engineering

Semester 1 Start:

First Level	Semester 1	EASC1101 Earth and environmental Sciences	ENGR1711 Engineering Design	PHYS1101 Physics 1A	MATH1121 Mathematics 1A
	Semester 2	ENGR1401 Professional Skills	ENGR1722 Engineering Materials and Systems	GIST1001 Geospatial Information Systems	MATH1122 Mathematics 1B
Second Level	Semester 1	ENGR1721 Engineering Programming	ENGR2741 Mechanics and Structures	ENGR2711 Engineering Mathematics	ENVS2761 Catchment and Urban Hydrology
	Semester 2	ENGR1201 Electronics	GIST1002 Earth Observation Fundamentals	ENGR2832 Engineering, Geology and Geomechanics	ENGR2882 Waste Management
Third Level	Semester 1	ENGR3851 Hydraulics and Water Engineering	ENGR2024 Production Engineering	GEOG3040 Environmental Impact Assessment	EASC3741 Physical Hydrogeology
	NS1	ENGR3750 Workplace Preparation (0 units)			
	Semester 2	ENGR9704 Engineering Management (NS2)	ENGR3700 Engineering Practicum OR ENGR3710 International Engineering Practicum		
Fourth Level	Semester 1	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units)	ENGR7971 Advanced Environmental Engineering Design	Option Topic 4.5 units
	Semester 2	STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 units)	ENGR7872 Advanced Infrastructure Design: Geotechnical and Water Engineering	ENGR9742 Systems Engineering

Semester 2:

This guide is correct at time of publishing but is subject to change November 2022

First Level	Semester 2	ENGR1401 Professional Skills	ENGR1722 Engineering Physics and Materials	GIST1001 Geospatial Information Systems	MATH1121 Mathematics 1A
	Semester 1	EASC1101 Earth and environmental Sciences	ENGR1711 Engineering Design	PHYS1101 Physics 1A	MATH1122 Mathematics 1B
Second Level	Semester 2	ENGR1201 Electronics	GIST1002 Earth Observation Fundamentals	ENGR2832 Engineering, Geology and Geomechanics	ENGR2882 Waste Management
	Semester 1	ENGR1721 Engineering Programming	ENGR2741 Mechanics and Structures	ENGR2711 Engineering Mathematics	ENVS2761 Catchment and Urban Hydrology
Third Level	Semester 2	ENGR9704 Engineering Management (NS2)	ENGR3700 Engineering Practicum OR ENGR3710 International Engineering Practicum		
	NS1	ENGR3750 Workplace Preparation (0 units)			
	Semester 1	ENGR3851 Hydraulics and Water Engineering	ENGR2024 Production Engineering	GEOG3040 Environmental Impact Assessment	EASC3741 Physical Hydrogeology
Fourth Level	Semester 2	STEM7003 Research Methods for Engineering and ICT Honours	STEM7004A Honours Research Project (4.5/15 units)	ENGR7872 Advanced Infrastructure Design: Geotechnical and Water Engineering	ENGR9742 Systems Engineering
	Semester 1	STEM7004B Honours Research Project (4.5/15 units)	STEM7004C Honours Research Project (4.5/15 units)	ENGR7971 Advanced Environmental Engineering Design (Not available until 2024)	Option Topic 4.5 units

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