

62550 Master of Professional Engineering Environmental Engineering (SP-ENVI)

2 Year Course Study Plan – Commencing Semester 1, 2021

The Level 1, 2 and 3 prerequisites listed below apply to students undertaking preparatory units in the 2 – 3 year MPE.
Students enrolling in the 2-year MPE with 48 points block credit have already satisfied the Level 1, 2 and 3 prerequisites.
Level 4 and 5 prerequisites apply to all students.

Year 1				
Semester 1, 2021	ENVE4402 Hydrology	ENVE4403 Fluid Transport, Mixing and Dispersion <i>Prereq: ENSC3010</i>	ENVE4405 Ecological Engineering	GENG5505* Project Management and Engineering Practice <i>Prereq: ENSC1001 or ENSC1003</i>
Semester 2, 2021	ENVE4401 Contaminant Fate and Transport <i>Prereq: ENSC3013</i>	ENVE5551 Environmental Engineering Design Project 1 <i>Prereq: 24 points L4/L5 units. Coreq: GENG5505</i>	GENG4405 Numerical Methods and Modelling <i>Prereq: CITS2401</i>	OPTION
It is recommended students undertake some practical work experience during the summer break to satisfy the GENG5010 Professional Engineering Portfolio				
Year 2				
Semester 1, 2022	ENVT4411* Geographic Information Systems Applications	ENVE5552 Environmental Engineering Design Project 2 <i>Prereq: ENVE5551. Coreq: GENG5505</i>	OPTION	GENG5511* Engineering Research Project Part 1 <i>Prereq: 24 points of L4/L5 units</i>
Semester 2, 2022	OPTION	ENVT5566 Advanced Spatial and Environmental Modelling <i>Prereq: ENVT4411</i>	GENG5507* Risk, Reliability and Safety <i>Prereq: MATH1011 and MATH1012</i>	GENG5512* Engineering Research Project Part 2 <i>Prereq: GENG5511</i>
It is recommended students undertake some practical work experience during the summer break to satisfy the GENG5010 Professional Engineering Portfolio				

*unit is available in Semester 1 and Semester 2

Optional Units: Students take units to the value of 18 points from this group:	
BUSN5100 Applied Professional Business Communications (S1, S2)	MINE4406 Geotechnology of Mine Waste (NSTP) <i>Prereq: ENSC3009 and ENSC3011</i>
ECON4410 Environmental and Resource Economics (S1) <i>Prereq: ECON3300 or ECON4001</i>	OCEN4002 Ocean Hazards (NSTP)
ENVE5502 Wastewater Engineering: Treatment and Resource Recovery (NSTP)	OCEN4004 Sustainable Marine Management and Planning (NA 2021)
GENG5501 Coastal and Offshore Engineering (S1) <i>Prereq: ENSC3003 or ENSC3010</i>	OCEN4007 Renewable Ocean Energy (S2) <i>Prereq: ENSC3003 or ENSC3010</i>
GENG5502 Environmental Geotechnics (S2) <i>Prereq: ENSC3009</i>	SVLG5003 Wicked Problems (NSTP) <i>Note: Enrolment in this unit is subject to approval by the unit coordinators.</i>

62550 Master of Professional Engineering Environmental Engineering (SP-ENVI)

2 Year Course Study Plan – Commencing Semester 1, 2021

GENG5506 Renewable Energy (S2)	
---------------------------------------	--

Prereq: ENSC2002 or (ENSC2003 and ENSC2004) and MATH1012

The Rules for the 62550 Master of Professional Engineering can be found at: handbooks.uwa.edu.au/rules-62550-MPE

All units have a value of six points unless otherwise stated.

Information about unit availability should be checked at the beginning of each semester and can be found at: timetable.uwa.edu.au or [Handbooks](#).

Further Help!

Refer to the UniStart website for your step-by-step guide on planning your enrolment: uwa.edu.au/unistart. If you need to discuss your study plan further, please contact the EMS Student Service and Engagement Office: enquiries-ems@uwa.edu.au