

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

## 2 Year Course Study Plan – Commencing Semester 2, 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 2, 2021	<b>ENVE4401</b> Contaminant Fate and Transport <i>Prereq: ENSC3013</i>	<b>GENG4405</b> Numerical Methods and Modelling <i>Prereq: CITS2401</i>	OPTION	<b>GENG5505*</b> Project Management and Engineering Practice <i>Prereq: ENSC1001 or ENSC1003</i>
<b>It is recommended students undertake some practical work experience during the summer break to satisfy the GENG5010 Professional Engineering Portfolio</b>				
Semester 1, 2022	<b>ENVE4402</b> Hydrology	<b>ENVE4403</b> Fluid Transport, Mixing and Dispersion <i>Prereq: ENSC3010</i>	<b>ENVE4405</b> Ecological Engineering	<b>GENG5507*</b> Risk, Reliability and Safety <i>Prereq: MATH1011 and MATH1012</i>
Year 2				
Semester 2, 2022	<b>ENVT4411*</b> Geographic Information Systems Applications	<b>ENVT5566</b> Advanced Spatial and Environmental Modelling	<b>ENVE5551</b> Environmental Engineering Design Project 1 <i>Prereq: 24 points L4/L5 units. Coreq: GENG5505</i>	<b>GENG5511*</b> Engineering Research Project Part 1 <i>Prereq: 24 points of L4/L5 units</i>
<b>It is recommended students undertake some practical work experience during the summer break to satisfy the GENG5010 Professional Engineering Portfolio</b>				
Semester 1, 2023	OPTION	<b>ENVE5552</b> Environmental Engineering Design Project 2 <i>Prereq: ENVE5551. Coreq: GENG5505</i>	OPTION	<b>GENG5512*</b> Engineering Research Project Part 2 <i>Prereq: GENG5511</i>

\*unit is available in Semester 1 and Semester 2

Optional Units: Students take units to the value of 18 points from this group:	
<b>BUSN5100</b> Applied Professional Business Communications (S1, S2)	<b>MINE4406</b> Geotechnology of Mine Waste (NSTP) <i>Prereq: ENSC3009 and ENSC3011</i>
<b>ECON4410</b> Environmental and Resource Economics (S1) <i>Prereq: ECON3300 or ECON4001</i>	<b>OCEN4002</b> Ocean Hazards (NSTP)
<b>ENVE5502</b> Wastewater Engineering: Treatment and Resource Recovery (NSTP)	<b>OCEN4004</b> Sustainable Marine Management and Planning (NA 2021)
<b>GENG5501</b> Coastal and Offshore Engineering (S1) <i>Prereq: ENSC3003 or ENSC3010</i>	<b>OCEN4007</b> Renewable Ocean Energy (S2) <i>Prereq: ENSC3003 or ENSC3010</i>
<b>GENG5502</b> Environmental Geotechnics (S2) <i>Prereq: ENSC3009</i>	<b>SVLG5003</b> 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 2, 2021

<b>GENG5506 Renewable Energy (S2)</b>	
---------------------------------------	--

*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](http://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](http://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](http://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](mailto:enquiries-ems@uwa.edu.au)