

Degree planner – BE(Hons) in Environmental Engineering

If no point value is listed, papers are worth 15 points.

Year 1	ENGEN170 Engineering and Society	ENGEN180 Foundation of Engineering	ENGEN183 Linear Algebra and Stats	ENGEN184 Calculus for Engineers	ENGEN103 Engineering Computing	ENGEN112 Materials and Science and Engineering	One of CHEMY101 or CHEMY102	One of BIOEB1XX or EARTH1XX
Year 2	ENGEN270 Engineering Professional Practice 1	ENGCB280 Process Engineering Design 1	ENGEN201 Engineering Maths 2	ENGCV223 Water Engineering 1	ENGCV231 Geotechnical Engineering 1	ENVPL201 Introduction to Resource Management	ENGME221 Engineering Thermodynamics	ENGEV241 Programme Elective
Year 3	ENGEV342 Sustainable Engineering	ENGCB380 Process Engineering Design 2	ENGEN301 Engineering Maths 3	ENGCB323 Reaction Engineering	ENGCV331 Geotechnical Engineering 2	ENGEV341 Environmental Engineering	Programme Elective	Programme Elective
Year 4	ENGEN570 Engineering Professional Practice 2	ENGEN591 Research Project*	ENGEN591 Research Project*	ENGEV580 Environmental Engineering Design Project**	ENGEV580 Environmental Engineering Design Project**	ENGEV541 Water and Waste Water Engineering	ENGEV542 Waste Minimisation Engineering	ENGCB542

Compulsory
Stream
Placement
Elective

Note: Second Year includes ENGEN271: Work Placement 1, and Third Year includes ENGEN371: Work Placement 2, which are compulsory but are 0-point papers. Placements are usually taken over the Summer period from November to February.

*ENGEN591 Research Project is worth 30 points.

**ENGEV580 Environmental Engineering Design Project is worth 30 points.

Year 1 Electives

Choose 30 points from:

At least one of CHEMY101 Structure and Spectroscopy Or CHEMY102 Chemical Reactivity
 EARTH101 Introduction to Earth System Sciences
 EARTH102 Discovering Planet Earth
 BIOEB101 Concepts of Biology
 BIOEB102 Introduction to Ecology and Biodiversity

Year 3 Electives

Choose 30 points from:

EARTH2XX 200 Level Earth Sciences Or EARTH3XX 300 Level Earth Sciences
 CHEMY2XX 200 Level Chemistry Or CHEMY3XX 300 Level Chemistry
 BIOEB2XX 200 Level Ecology and Biodiversity Or BIOEB3XX 200 Level Ecology and Biodiversity
 ENGEN390 Special Topic in Engineering
 ENVLP301 Planning for Sustainability
 BIOMO203 Microbiology