

Curriculum Structure of Bachelor of Engineering (Environmental) - Direct Entry to 2nd Year - AY 2021-22

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 2 Semester 1	MH1810 Mathematics 1	3	PH1012 Physics A	4	CV1011 Mechanics of Materials (Engineering Fundamentals 1)	4	EN1001 Environmental Chemistry	3	EN2004 Soil Environment and Soil Mechanics	3	EN2711 Environmental Engineering Laboratory A	1	HW0188 Effective Communication <i>*HW0001</i>	2	HY0001 Ethics and Moral Reasoning	1	21
Year 2 Semester 2	CV1012 Fluid Mechanics	3	CV1014 Introduction To Computational Thinking	3	EN2002 Environmental Biology and Microbiology	3	EN3003 Environmental Transport Processes	3	EN2712 Environmental Engineering Laboratory B	1	EG0001 Engineers & Society	3	EN0002 Environmental Issues and Sustainability	3	ET0001 Enterprise and Innovation	1	20
Year 3 Semester 1	CV2011 Structural Analysis I <i>*CV1011</i>	3	CV2020 Water Resources Engineering <i>*CV1012</i>	3	EN3001 Solid & Hazardous Waste Management <i>*Year 3 Standing</i>	3	EN3002 Wastewater Engineering <i>*Year 3 Standing</i>	3	EN3004 Air Pollution Control Engineering <i>*Year 3 Standing</i>	3	MH2814 Probability & Statistics <i>*MH1810</i>	3	CV0003 Introduction to Data Science and Artificial Intelligence <i>*CV1014</i>	3	HW0288 Engineering Communication <i>*HW0188</i>	2	23
Year 3 Semester 2	EN2003 Water Supply Engineering <i>*CV1012</i>	3	EN4002 Environmental Systems Analysis	3	EN4911 Final Year Project <i>*Year 4 Standing</i>	4	EN4912 Integrated Design Project <i>*Year 4 Standing</i>	3	EN4XXX Major Prescribed Elective <i>*Refer to Syllabus</i>	3	EN4XXX Major Prescribed Elective <i>*Refer to Syllabus</i>	3	GER - Elective (Any)	3			22
Year 4 Semester 1	CV4011 Project Planning & Management <i>*Year 4 Standing</i>	3	EN3006 Energy Resource Engineering	3	EN4001 Environmental Impact Analysis & Monitoring	3	EN4711 Seminars & Site Visits	1	EN4911 Final Year Project <i>*Year 4 Standing</i>	4	EN4XXX Major Prescribed Elective <i>*Refer to Syllabus</i>	3	ML0003 Kickstart your Career Success	1			18
Year 4 Semester 2	EN3914 Professional Internship	10	<i>*Year 3 Standing & Completed at least 2 Semesters of study</i>													10	

** pre-requisite*

Total AU for Graduation 114

GER : General Education Requirement

GER-Core

GER-Prescribed Elective

Last Updated : 5-Mar-21