

Curriculum Structure of Bachelor of Engineering (Environmental) - Direct Entry to 2nd Year - AY 2019-20

Year	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	Course	AU	TOTAL AU
Year 2 Semester 1	PH1012 Physics A	4	MH1810 Mathematics 1	3	CV2013 Engineering Geology & Soil Mechanics	3	EN2001 Environmental Issues in a Changing World	3	EN2002 Environmental Biology and Microbiology	3	EN2711 Environmental Engineering Laboratory A	1	HW0188 Engineering Communication I *HW0001	2	ET0001 Enterprise and Innovation	1	20
Year 2 Semester 2	CV1011 Mechanics of Materials	4	CV1012 Fluid Mechanics	3	CV1014 Introduction To Computational Thinking	3	CV2016 Hydrology	3	EN1001 Environmental Chemistry	3	EN2712 Environmental Engineering Laboratory B	1	EN0001 Sustainability Practices for Urban and Marine Environment	3			20
Year 3 Semester 1	CV2011 Structural Analysis I *CV1011	3	CV2015 Hydraulics *CV1012	3	EN3001 Solid & Hazardous Waste Management *Year 3 Standing	3	EN3002 Wastewater Engineering *Year 3 Standing	3	EN3003 Environmental Transport Processes *Year 3 Standing	3	MH2814 Probability & Statistics *MH1810	3	CV0003 Introduction to Data Science and Artificial Intelligence *CV1014	3	HW0288 Engineering Communication II *HW0188	2	23
Year 3 Semester 2	CV3016 Construction Technology & Processes	3	EN2003 Water Supply Engineering *CV1012	3	EN3004 Air Pollution Control Engineering *Year 3 Standing	3	EN4911 Final Year Project *Year 4 Standing	4	EN4912 Integrated Design Project *Year 4 Standing	3	EN4XXX Major Prescribed Elective *Refer to Syllabus	3	EN4XXX Major Prescribed Elective *Refer to Syllabus	3			22
Year 4 Semester 1	CV0002 Engineers & Society	3	CV4011 Project Planning & Management *Year 4 Standing	3	EN4711 Seminars & Site Visits	1	EN4911 Final Year Project *Year 4 Standing	4	EN4XXX Major Prescribed Elective *Refer to Syllabus	3	GER - Elective (Any)	3	ML0003 Kickstart your Career Success	1	HY0001 Ethics and Moral Reasoning	1	19
Year 4 Semester 2	EN3914 Professional Internship	10	← *Year 3 Standing & Completed at least 2 Semesters of study														10

* pre-requisite

Total AU for Graduation 114

GER : General Education Requirement

GER-Core

GER-Prescribed Elective

Last Updated : 30-May-19