

<b>College</b>	<b>College of Engineering</b>	<b>Department</b>	<b>Energy and Sustainable Engineering</b>
<b>Program</b>	<b>Environmental Engineering</b>	<b>Degree Level</b>	<b>Bachelor of Engineering</b>
<b>Total Credit Hours</b>	<b>137 CH</b>	<b>Applicable for batch of</b>	<b>2018 and above</b>

Year One		Year Two		Year Three		Year Four		Year Five
Fall	Spring	Fall	Spring	Fall	Spring	Fall	Spring	Fall
ISLM101 Islamic Civilization	CHEM101 Chemistry	CVEN310 Surveying Pre-R: MATH101	CVEN232 Engineering Geology Pre-R: CHEM101	CVEN332 Civil Engineering Materials Pre-R: ENGR110	MATH305 Numerical Methods Pre-R: MATH102	ENEN582 Desalination Engineering Pre-R: CVEN332	CVEN491 Capstone Design Project I <b>Pre-R: 90CH</b>	CVEN592 Capstone Design Project II Pre-R: CVEN491
ENGL101 English Communication Skills 1	ENGL102 English Communication Skills 2 Pre-R: ENGL101	ENEN301 Environmental Chemistry Pre-R: CHEM101	ENEN201 Renewable Energy Pre-R: MATH102	ENEN422 Environmental Measurements Pre-R: ENEN301	ENEN431 Water & Wastewater Treatment Pre-R: CVEN361	MATH406 Calculus III Pre-R: MATH102	CVEN554 Hydrogeology & Groundwater Contamination Pre-R: CVEN451	CVEN553 Water Resources Engineering Pre-R: CVEN451
ENGR111 Computer Applications	MATH102 Calculus 2 Pre-R: MATH101	ENGR201 Engineering Drawing	CVEN361 Environmental Engineering Pre-R: CHEM101	MATH204 Probability and Statistics Pre-R: MATH102	CVEN350 Thermofluids Engineering Pre-R: PHYS102	CVEN451 Hydraulics Engineering Pre-R: CVEN332	ENEN441 Air Pollution Pre-R: CVEN361	CVEN552 Engineering Hydrology Pre-R: CVEN451
MATH101 Calculus I	PHYS102 Physics 2 Pre-R: PHYS101	ENGR202 Technical Writing and Presentation Pre-R: ENGL102	ENEN302 Environmental Microbiology Pre-R: CHEM101	CVEN471 Engineering Project Management Pre-R: ENGR201	ENEN360 Environmental Law Pre-R: ENEN301	ENGR404 Engineering Economics Pre-R: MATH204	Environmental Engineering Elective	Environmental Engineering Elective
PHYS101 Physics I	ENGR110 Engineering Laboratories	MATH215 Linear Algebra Pre-R: MATH101	ENGR321 Dynamics Pre-R: ENGR220	MNGT 313 Entrepreneurship <b>Pre-R: 60CH</b>	MATH203 Differential Equations Pre-R: MATH102	ENEN572 Environmental Impact Assessment Pre-R: CVEN361	ENEN461 Solid Waste Management Pre-R: CVEN310	Environmental Engineering Elective
		ENGR220 Statics Pre-R: MATH101					ENGR322 Summer Internship	
<b>15 CH</b>	<b>15 CH</b>	<b>18 CH</b>	<b>14 CH</b>	<b>15 CH</b>	<b>15 CH</b>	<b>15 CH</b>	<b>15 CH</b>	<b>15 CH</b>

## List of Elective Courses:

A student must register in **3** courses with total of **9** credits hours following the program study plan

Course Code	Course Title	Pre-Requisite	Credits hours
CNMN405	Building Information Modelling	ENGR201	3
ENEN531	Advanced Wastewater Treatment	ENEN431	3
ENEN561	Industrial and Hazardous Waste	CVEN361	3
ENEN571	Environmental Pollution	CVEN361	3
ENEN581	Climate Change	CVEN361	3
ENEN583	Waste and Energy	CVEN461	3
ENEN584	Sustainable Engineering	CVEN361	3
COEN280	Construction Methodology		3
COEN282	Construction Equipment		3
COEN585	GIS Application in Civil Engineering		3
COEN586	Sustainable Construction	CVEN361	3
CVEN260	Geotechnical Engineering		3
CVEN564	Coastal Engineering	CVEN451	3
OJTR406	Industrial Internship I	90 Credit hours	0
OJTR407	Industrial Internship II	OJTR406	0