

PROGRAM STRUCTURE DIAGRAM / Bachelor of Engineering in Environmental Engineering

Year 1		Year 2		Year 3		Year 4		Year 5
FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL	SPRING	FALL
ISLM101 Islamic Civilization	ENGL102 English Communication Skills II Pre-R: ENGL101	CVEN310 Surveying	CVEN231 Engineering Geology Pre-R: CHEM101	MNGT 313 Entrepreneurship	ENEN431 Water & Wastewater Treatment Pre-R: CVEN361	ENEN582 Desalination Engineering Pre-R: CVEN361	CVEN491 Capstone Design Project I	CVEN592 Capstone Design Project II Pre-R: CVEN491
ENGL101 English Communication Skills I	ENGR110 Engineering Laboratories	ENEN301 Environmental Chemistry CHEM101 & CHEM181	ENEN201 Renewable Energy	CVEN332 Civil Engineering Materials	MATH305 Numerical Methods Pre-R: MATH102 - ENGR111	MATH406 Calculus III Pre-R: MATH102	CVEN554 Hydrogeology & Groundwater Contamination	CVEN553 Water Resources Engineering CVEN451
ENGR111 Computer Applications	MATH102 Calculus II Pre-R: MATH101	ENGR201 Engineering Drawing Pre-R: FPIT002	CVEN361 Environmental Engineering	ENEN422 Environmental Measurements CHEM101 & CHEM181	CVEN350 Thermofluids Engineering ENGR321	CVEN451 Hydraulics Engineering Pre-R: CVEN350	ENEN441 Air Pollution	CVEN552 Engineering Hydrology Pre-R: CVEN451
MATH101 Calculus I FPPM002 (C)	PHYS102 Physics II Pre-R: PHYS101	ENGR202 Technical Writing and Presentation ENGL102	ENEN302 Environmental Microbiology CHEM101 & CHEM181	MATH204 Probability and Statistics Pre-R: MATH102	ENEN360 Environmental Law	ENGR404 Engineering Economics Pre-R: MATH204	ENEN461 Solid Waste Management Pre-R: CVEN361	Environmental Engineering Elective
PHYS101 Physics I	CHEM101 Chemistry	ENGR220 Statics Pre-R: MATH102	ENGR321 Dynamics Pre-R: ENGR220	CVEN470 Engineering Project Management	MATH203 Differential Equations Pre-R: MATH102	ENEN572 Environmental Impact Assessment Pre-R: CVEN361	Environmental Engineering Elective	Environmental Engineering Elective
		MATH215				Summer Internship		