



Master of Science in Civil Engineering Prerequisite Checklist for Students Admitted without an ABET CE Degree

REQUIREMENT FOR ADMISSION INTO THE PROGRAM MUST COMPLETE THESE COURSES BEFORE APPLYING

REQUIRED COURSES

MATH 2110	Calculus I (4)
MATH 2120	Calculus II (4)
MATH 2130	Calculus III (3)
MATH 2150	Differential Equations (3)
CHEM 1040	Chemistry for Engineers (4)
PHYS 2100	General Physics I: Mechanics and Thermodynamics (4)
CE/ME 2010	Statics (3)
CE 2020	Plane Surveying (3)
CE/ME 2050	Strength of Materials I (3)
CE/ME 3030	Fluid Mechanics I (3)

REQUIREMENT TO BE COMPLETED AFTER ADMISSION INTO THE PROGRAM MUST COMPLETE THESE COURSES BEFORE TAKING GRADUATE LEVEL COURSES

ELECTIVES: Choose any 4 courses from the following list. (Choose courses that are prerequisites for higher level courses you plan to take.)

CE 3600	Structural Mechanics I (3)
CE 3610	Introduction to Structural Design (3)
CE 3660	Geotechnical Engineering I (3)
CE 3700	Transportation Engineering (3)
CE 2840& CE 3840	Environmental Engineering I & II (3)
CE 3860	Design of Water Resources Systems (3)
CE 3870	Hydraulics I (3)
CE 3650	Fundamentals of Construction Management (3)