SIUE CE MASTERS PROGRAM
PREREQUISITE COURSES FOR NON-CIVIL-ENGINEERING B.S. DEGREE STUDENTS

Applicant: __________________________________________

The following courses must be passed with a cumulative GPA of at least 2.75 and a minimum grade of C in any course. Up to three courses for graduate credit can be taken before completion of these prerequisites. It is up to the Advisory Committee’s discretion whether additional courses may be taken before completion of the prerequisites. However, in no case will an M.S. degree be granted before the prerequisites are completed.

Environmental / Water Resource Engineering

_______ CE 315 (3) Fluid Mechanics (Note that CE 242 is a pre- or co-requisite)
_______ CE 380 (3) Environmental Science and Engineering
_______ CE 416 (3) Hydrology

Geotechnical Engineering

_______ CE 242 (3) Mechanics of Solids (Note that CE 240 is a pre-requisite)
_______ CE 315 (3) Fluid Mechanics (Note that CE 242 is a pre-requisite)
_______ CE 330 (3) Engineering Materials (Note that CE330L is a co-requisite)
_______ CE 354 (3) Geotechnical Engineering (CE354L co-requisite, CE242 and 315 prerequisite)

Structural Engineering

_______ CE 330 (2) Engineering Materials (Note that CE330L is a co-requisite)
_______ CE 354 (3) Geotechnical Engineering (CE354L co-requisite, CE242 and 315 prerequisite)
_______ CE 342 (3) Structural Engineering I
_______ CE 343 (3) Structural Engineering II

Transportation Engineering

_______ ME 262 (3) Dynamics (Note that CE 240 is a pre- or co-requisite)
_______ CE 330 (3) Engineering Materials (Note that CE330L is a co-requisite)
_______ CE 354 (3) Geotechnical Engineering (CE354L co-requisite, CE242 and 315 prerequisite)
_______ CE 376 (3) Transportation Engineering

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