

### ***Potential Prerequisites for non-Civil/Environmental BS Holders***

Applicants who have completed an undergraduate degree in a field other than civil or environmental engineering may be admitted to the program provisionally, but generally are required to complete prerequisite courses as listed below.

#### ***Potential Prerequisite Courses for M.S. in Environmental Engineering:***

MATH 211	Calculus I	CHEM 123	Foundations of Chemistry II
MATH 212	Calculus II	CEE 305	CEE Computations
MATH 307	Ordinary. Differ. Equations	CEE 204	Statics
MATH 312	Calculus III	CEE 330	Hydromechanics
PHYS 231N	University Physics	CEE 340	Hydraulics & Water Resources
PHYS 232N	University Physics Lab	CEE 350	Env. Pollution & Control
CHEM 121	Foundations of Chemistry I		

#### ***Potential Prerequisite Courses for M.S. in Civil Engineering (general area):***

MATH 211	Calculus I	CEE 205	Engineering Dynamics
MATH 212	Calculus II	CEE 220	Mech. of Deformable Bodies
MATH 307	Ordinary. Differ. Equations	CEE 310	Structures I
MATH 312	Calculus III	CEE 323	Soil Mechanics
PHYS 231N	University Physics	CEE 330	Hydromechanics
PHYS 232N	University Physics Lab	CEE 340	Hydraulics & Water Resources
CEE 305	CEE Computations	CEE 410	Concrete Design
CEE 204	Statics		

#### ***Potential Prerequisite Courses for M.S. in Civil Engineering (Coastal Engineering):***

MATH 211	Calculus I	CEE 204	Statics
MATH 212	Calculus II	CEE 205	Engineering Dynamics
MATH 307	Ordinary. Differ. Equations	CEE 220	Mech. of Deformable Bodies
MATH 312	Calculus III	CEE 323	Soil Mechanics
PHYS 231N	University Physics	CEE 330	Hydromechanics
PHYS 232N	University Physics Lab		

#### ***Potential Prerequisite Courses for M.S. in Civil Engineering (Transportation Engineering):***

MATH 211	Calculus I	PHYS 231N	University Physics
MATH 212	Calculus II	PHYS 232N	University Physics Lab
MATH 312	Calculus III	CEE 305	CEE Computations
STAT 306	Introductory Statistics		

(updated: 10/08/2020)