Potential prerequisites list for applicant with non-ENVE BS degree to the ENVE Graduate Program

MATH 150 Calculus 1
MATH 151 Calculus 2
MATH 252 Calculus 3

PHYS 195 Physics 1
PHYS 196 Physics 2

CHEM 200 General Chemistry
CHEM 130 Elem. Organic Chem.

BIO 201 Principles of Organismal Biol.
BIO 315 Ecology and Human Impacts

ENGR 280 Methods of Analysis or
MATH 337 Elem. Diff. Equations

STAT 250 Statistics
AE 200 Statics
AE 220 Dynamics

ME 350 Thermodynamics
AE 340 Fluid Mechanics

ENVE 355 Environmental Engineering
ENVE 363 Environmental Engineering Lab
CONE 430 Engineering Economy
CIVE 444 Applied Hydraulics
ENVE 441 Water Treatment Eng.
ENVE 442 Wastewater Treatment Eng.

Potential prerequisites list for applicant with non-CIVE/CONE BS degree to the CIVE/CONE Graduate Program

MATH 150 Calculus 1
MATH 151 Calculus 2
MATH 252 Calculus 3 (*Not required for CONE*)

PHYS 195 Physics 1
PHYS 196 Physics 2

CHEM 200 General Chemistry

ENGR 280 Methods of Analysis or
MATH 337 Elem. Diff. Equations (*CONE 280 Constriction Methods for CONE*)

STAT 250 Statistics (*or CIVE 160 for CONE*)

AE 200 Statics
AE 220 Dynamics (*CIVE 218 Surveying for CONE*)

AE 340 Fluid Mechanics (*CONE 310 Analysis and Design of Construction Operations for CONE*)

AE 341 Fluid Mechanics Lab or
CIVE 302 Solids Lab or
CIVE 463 Geotechnical Lab

CIVE 301 Solid Mechanics
CIVE 321 Structural Analysis

Three of the following (*subjected to approval by graduate adviser*):
ENVE 355 Environmental Engineering
CONE 401 Construction Planning and scheduling
CONE 430 Engineering Economy
CIVE 444 Applied Hydraulics
CIVE 462 Geotechnical Engineering
CIVE 481 Transportation Engineering
CIVE 421 Reinforced Concrete Design
CONE 479 Construction Materials
CONE 480 Design of Temporary Structures