BSCE Course Flow Chart
2018-19 Catalog Year

Key:
- Necessary preparation
- Lower Division Course required for Upper Division passing grade “C” or higher
- Prerequisite
- And
- Upper Division Course admission to UD required passing grade “C-“ or higher
- Co-Requirement
- Not shown as prerequisites vary (check Bulletin for details):
  - BSCE Electives
  - Freshman Inquiry
  - Sophomore Inquiry
  - Upper Division Clusters

MTH 112 or ALEKS score > 75

CE 111 Intro to CEE

PH 221/214
Ph 1 w/ Calc & Lab

PH 222/215
Ph 2 w/Calc & Lab

PH 223/216
Ph 3 w/ Calc & Lab

EAS 211 Statics

CE 112 CEE Computns

CE 115 CEE Graphics

MTH 251 Calc 1

CE 211/212 Plane Survng & Lab

CH 221/227 Chem 1 & Lab

MTH 252 Calc 2

CE 222/228 Chem 2 & Lab

MTH 261 Lin Alg

MTH 254 Calc 4

MTH 256 Diff EQ

EAS 215 Dynamics

CE 211/212 Plane Survng & Lab

MTH 252 Calc 2

MTH 261 Lin Alg

MTH 254 Calc 4

MTH 256 Diff EQ

EAS 215 Dynamics

EAS 212 Strengths

EAS 212 Strengths

G 301 Geology for Eng.

CE 315 CEE Professions

CE 111 Intro to CEE

CE 112 CEE Computns

CE 115 CEE Graphics

CE 321 CEE Mats

CE 324 Struct Anlys

CE 325 Indet Struc

CE 321 CEE Mats

CE 324 Struct Anlys

CE 325 Indet Struc

CE 341 Soil Mechs

CE 444 Geotch Dsn

CE 321 CEE Mats

CE 324 Struct Anlys

CE 325 Indet Struc

CE 341 Soil Mechs

CE 444 Geotch Dsn

CE 410 Appld Prob/Stats

CE 454 Urban Transp

CE 410 Appld Prob/Stats

CE 454 Urban Transp

CE 494: CEE Project Design 2

CE 484: CEE Project Design I

CE 484: CEE Project Design I

CE 494: CEE Project Design 2

CE 494: CEE Project Design 2

Minimum 2:
CE 364, CE 454, CE 432 (or CE 434), CE 444

CE 361 Fluid Mechs

CE 362 Hydraulics

CE 371 Enviro Engrg

CE 351 Transp Engrg

Not shown as prerequisites vary (check Bulletin for details):
- BSCE Electives
- Freshman Inquiry
- Sophomore Inquiry
- Upper Division Clusters

1 Admission to CE UD not required. Passing grade of C- or higher.