CIVIL ENGINEERING

FIRST YEAR

FALL
- MATH 1004 Calculus for Eng. Students
- CHEM 1101 Chemistry for Eng. Students
- Elective Complementary Studies Elective

WINTER
- MATH 1104 Linear Algebra for Eng. Students
- PHYS 1004 Introductory Electromagnetism & Wave Motion

SECOND YEAR

FALL
- MATH 1005 Differential Equations & Infinite Series for Eng. Students
- MAAE 2300 Fluid Mechanics I
- CIVE 2200 Mechanics of Solids I

WINTER
- MAAE 2400 Thermodynamics & Heat Transfer
- CIVE 2004 GIS, Surveying, CAD & BIM

THIRD YEAR

FALL
- CIVE 2101 Mechanics II
- CIVE 2102 Mechanics of Solids II
- CIVE 3201 Intro. To Structural Analysis

WINTER
- CIVE 3202 Mechanisms of Solids II
- CIVE 3208 Geotechnical Mechanics
- MATH 3705 Mathematical Methods I

FOURTH YEAR

FALL
- CIVE 3203 Intro. To Structural Analysis
- CIVE 3204 Intro. To Structural Design
- CIVE 3205 Design of Structural Steel Components

WINTER
- CIVE 3206 Design of Reinforced Concrete Components
- CIVE 3208 Engineering Elective
- CIVE 4918 Design Project (note b)

Notes:
(a) 2.0 credits in CIVE 4200, CIVE 4201, CIVE 4202, CIVE 4301, CIVE 4302, CIVE 4303, CIVE 4307, CIVE 4308, CIVE 4403, CIVE 4500, CIVE 4614, CIVE 4907, CIVE 4917, ENVE 3003, ENVE 4105 or ENVE 4200.
(b) Students must complete all first and second year courses, as well as 3.5 credits of third year courses (with the exception of Complementary Studies Elective) to enroll in CIVE 4918 (Design Project).
(c) ECOR 4995 can be taken in Fall or Winter term, if elective options allow for it.