As at May 1, 2013

FALL
MATH 1104
Linear Algebra for Eng. Students

CHEM 1101
Chemistry for Engineering Students

ECOR 1010
Introduction to Engineering

ECOR 1101
Mechanics I

PHYS 1004
Introductory Electromagnetism and Wave Motion

CIVE 2101
Mechanics I

CIVE 2200
Mechanics of Solids I

CIVE 2700
Civil Engineering Materials

CIVE 2606
Numerical Methods

CIVE 3206
Design of Reinforced Concrete Comp.

Elective

Elective

Elective

Elective

Winter
MATH 2004
Multivariable Calculus for Eng. Students

MATH 3705
Mathematical Methods I

MAAE 2300
Fluid Mechanics I

MAAE 2400
Thermodynamics and Heat Transfer

MAAE 3208
Geotechnical Mechanics

MAAE 3205
Design of Structural Steel Components

Elective

Elective

Elective

Elective

Second Year
FALL
MATH 1005
Differential Equations and Infinite Series for Eng. Students

CIVE 3202
Mechanics of Solids II

CIVE 3204
Introduction to Structural Design

CIVE 3208
Geotechnical Mechanics

CIVE 3206
Design of Reinforced Concrete Components

Elective

Elective

Elective

Elective

Winter
STAT 2507
Introduction to Statistical Modelling I

CIVE 3304
Transportation Engineering and Planning

CIVE 3800
Engineering Economics

Elective

Elective

Elective

Elective

Third Year
FALL
MATH 2004
Multivariable Calculus for Eng. Students

CIVE 3202
Mechanics of Solids II

CIVE 3204
Introduction to Structural Design

CIVE 3208
Geotechnical Mechanics

CIVE 3206
Design of Reinforced Concrete Components

Elective

Elective

Elective

Elective

Winter
CIVE 4407
Municipal Engineering

CIVE 4918
Design Project

Elective

Elective

Elective

Elective

Fourth Year
FALL
CIVE 4995
Professional Practice

CIVE 4208
Geotechnical Engineering

CIVE 4209
Highway Engineering

Elective

Elective

Elective

Elective

Winter

Elective

Elective

Elective

Elective

Note:
(a) 0.5 credit from: CIVE 4200, CIVE 4201, CIVE 4202, CIVE 4301, CIVE 4302, CIVE 4303, CIVE 4307,
CIVE 4308, CIVE 4400, CIVE 4403, CIVE 4500, CIVE 4614, ENVE 3003, ENVE 4105, also CIVE 4907 [1.0] may be
taken to replace one elective in the Fall Term and one elective in the Winter Term.
(b) 1.5 credits in Complementary Studies Electives may be taken in any term.