# CIVIL ENGINEERING

### FIRST YEAR

**FALL**
- **MATH 1004**: Calculus for Eng. Students
- **CHEM 1101**: Chemistry for Eng. Students
- **ECOR 1041**: Computation & Prog. (0.25 credit)
- **ECOR 1042**: Data Management (0.25 credit)
- **ECOR 1044**: Mechanics (0.25 credit)

**WINTER**
- **ECOR 1045**: Statics (0.25 credit)
- **ECOR 1046**: Mechanics (0.25 credit)
- **ECOR 1047**: Visual Comm. (0.25 credit)
- **ECOR 1048**: Dynamics (0.25 credit)

**SECOND YEAR**
- **CIVE 2004**: GIS, Surveying, CAD & BIM
- **ECOR 2050**: Design & Analysis of Engineering Experiments
- **CCDP 2100**: Communication Skills for Eng. Students
- **CIVE 2700**: Civil Engineering Materials

**THIRD YEAR**
- **CIVE 3203**: Intro. To Structural Analysis
- **CIVE 3204**: Mechanics of Solids II
- **CIVE 3205**: Design of Structural Steel Components
- **CIVE 3206**: Design of Reinforced Concrete Components

**FOURTH YEAR**
- **CIVE 4918**: Design Project (note b) (1.0 credit)
- **ECOR 4995**: Professional Practice

### Notes:
- Students wanting to register in 2nd year status requirement courses must complete all first year Science, Mathematics and Engineering courses [including a C- (C minus) grade or better in all ECOR 104x courses].

*2nd, 3rd or 4th designation above a course denotes a course is required as a prerequisite in the indicated year.*