Civil Engineering

Sample Schedule

Alternative sample schedules are available at nyuad.nyu.edu/grids

Year 1

Fall Semester
- Calculus with Applications or Calculus
- ECC: Computer Programming for Engineers
- General Elective
- First-year Writing Seminar

January Term

Spring Semester
- Multivariable Calculus
- Foundations of Science 1
- Foundations of Science 2
- Colloquium

Year 2

Fall Semester
- Linear Algebra
- Differential Equations
- Foundations of Science 3
- Foundations of Science 4
- Core

January Term

Spring Semester
- ECC: Circuits
- ECC: Statics
- ECC: Conservation Laws
- Dynamics
- Fluid Mechanics
- Core

Year 3

Fall Semester
- Structural Components
- Probability & Statistics
- Environmental Engineering
- Colloquium

January Term

Spring Semester
- Geotechnical Engineering
- Transportation and Traffic Engineering
- Design Elective
- Project Management
- General Elective

Year 4

Fall Semester
- Capstone Seminar
- Design Elective
- Civil Engineering Elective
- Core

Spring Semester
- Capstone Design I
- ECC: Digital Logic
- Civil Engineering Elective
- Core

Spring Semester
- Capstone Design II
- Engineering Materials
- Discrete Mathematics
- Civil Engineering Elective
- Core