

# General Engineering

## Sample Schedule

Alternative sample schedules are available at [nyuad.nyu.edu/grids](http://nyuad.nyu.edu/grids)

### Year 1

Fall Semester

|                        |                          |                          |                            |
|------------------------|--------------------------|--------------------------|----------------------------|
| Multivariable Calculus | Foundations of Science 1 | Foundations of Science 2 | First-year Writing Seminar |
|------------------------|--------------------------|--------------------------|----------------------------|

Spring Semester

|                |                                    |                  |            |
|----------------|------------------------------------|------------------|------------|
| Linear Algebra | Computer Programming for Engineers | General Elective | Colloquium |
|                | Ethics                             |                  |            |

### Year 2

Fall Semester

|  |                    |                        |      |
|--|--------------------|------------------------|------|
| Differential Equations / Discrete Math | ECC: Statics       | ECC: Conservation Laws | Core |
|  | ECC: Digital Logic | ECC: Circuits          |      |

Spring Semester

|             |                      |                         |                  |
|-------------|----------------------|-------------------------|------------------|
| Math Course | Engineering Elective | EM Physics / QS Biology | General Elective |
|-------------|----------------------|-------------------------|------------------|

June Term  
ECC: Design & Innovation

January Term  
General Elective

### Year 3

Fall Semester

|                          |                      |                      |            |
|--------------------------|----------------------|----------------------|------------|
| Probability & Statistics | Engineering Elective | Engineering Elective | Colloquium |
| ECC: Numerical Methods   |                      |                      |            |

Spring Semester

|   |                      |                      |      |
|---|----------------------|----------------------|------|
| Engineering Materials                     | Engineering Elective | Engineering Elective | Core |
| Discrete Math / ODE / PDE / Data Analysis |                      |                      |      |

January Term  
General Elective

### Year 4

Fall Semester

|                      |                 |                      |      |
|----------------------|-----------------|----------------------|------|
| Engineering Elective | Instrumentation | Engineering Elective | Core |
| Capstone Design I    |                 |                      |      |

Spring Semester

|                    |                      |                  |      |
|--------------------|----------------------|------------------|------|
| Capstone Design II | Engineering Elective | General Elective | Core |
|--------------------|----------------------|------------------|------|