

| Major: | | | Computer Engineering | | | NYU Website: | | |
|---------------------|---|---------|-------------------------|--------------------------------------|---------|-----------------|-------------|---------|
| | | | | | | | | |
| Freshman Year | | | | | | | | |
| Fall Semester | | | Spring Semester | | | Summer Semester | | |
| Course No. | Course Name | Credits | Course No. | Course Name | Credits | Course No. | Course Name | Credits |
| MA-UY 1024 | Calculus I for Engineers | 4 | MA-UY 1124 | Calculus II for Engineers | 4 | | | |
| CS-UY 1114 | Intro to Programming & Problem Solving | 4 | PH-UY 1013 | Mechanics | 3 | | | |
| EG-UY 1003 | Intro to Engineering & Design | 3 | CS-UY 1134 | Data Structures & Algorithms | 4 | | | |
| EG-UY 1001 | Engineering & Technology Forum I | 1 | EE-UY 1012 | Intro to Computer Engineering | 2 | | | |
| EXPOS-UA 1 | Writing the Essay | 4 | | OR | | | | |
| | | | CS-UY 1012 | Intro to Computer Engineering | 2 | | | |
| | | | EXPOS-UA 2 | The Advanced College Essay | 4 | | | |
| Total Credits | | 16 | Total Credits | | 17 | Total Credits | | |
| Sophomore Year | | | | | | | | |
| Fall Semester | | | Spring Semester | | | Summer Semester | | |
| Course No. | Course Name | Credits | Course No. | Course Name | Credits | Course No. | Course Name | Credits |
| MA-UY 2034 | Linear Algebra & Differential Equations | 4 | MA-UY 2314 | Discrete Mathematics | 4 | | | |
| PH-UY 2023 | Electricity, Magnetism & Fluids | 3 | PH-UY 2033 | Waves, Optics & Thermodynamics | 3 | | | |
| PH-UY 2121 | General Physics Lab I | 1 | PH-UY 2131 | General Physics Lab II | 1 | | | |
| CS-UY 2124 | Object Oriented Programming | 4 | CS-UY 2204 | Digital Logic & State Machine Design | 4 | | | |
| EE-UY 2004 | Fundamentals of Electrics Circuits | 4 | EE-UY 3114 | Fundamentals of Electronics I | 4 | | | |
| Total Credits | | 16 | Total Credits | | 16 | Total Credits | | |
| Junior Year | | | | | | | | |
| Fall Semester - NYU | | | Spring Semester - NYUAD | | | Summer Semester | | |
| Course No. | Course Name | Credits | Course No. | Course Name | Credits | Course No. | Course Name | Credits |
| MA-UY 2114 | Calculus III: Multi-Dimensional Calculus | 4 | MATH-UH 2011Q | Probability & Statistics | 4 | | | |
| CM-UY 1004 | General Chemistry for Engineers | 4 | | HUSS Elective | 4 | | | |
| CS-UY 2214 | Computer Architecure & Orgnaization | 4 | | EE/CS Elective | 3 or 4 | | | |
| | EE Elective | 3 | | EE/CS Elective | 3 or 4 | | | |
| EE-UY 4001 | ECE Professional Development & Presentation | 1 | | | | | | |
| Total Credits | | 16 | Total Credits | | 14/16 | Total Credits | | |
| Senior Year | | | | | | | | |
| Fall Semester | | | Spring Semester | | | Summer Semester | | |
| Course No. | Course Name | Credits | Course No. | Course Name | Credits | Course No. | Course Name | Credits |
| EE/CS 4xx3 | Design Project I | 3 | EE/CS 4xx3 | Design Project II | 3 | | | |
| | HUSS Elective | 4 | | EE/CS Elective | 3 or 4 | | | |
| | HUSS Elective | 4 | | EE/CS/EL Elective | 3 | | | |
| | EE/CS Elective | 3 or 4 | | EE/CS/EL Elective | 3 | | | |
| | Free Elective | 3 | | HUSS Elective | 4 | | | |
| Total Credits | | 17/18 | Total Credits | | 16/17 | Total Credits | | |