# Bachelor of Engineering – Student entering 2026 Fall

Stevens Institute of Technology
Castle Point on Hudson
Hoboken, NJ 07030
**Office of the Registrar**
201.216.5210
FAX 201.216.8030

Name_____ ID:_____ Class:_____ Email:_____

Major: Software Engineering Concentration:_____

Please print or type. The primary purpose of this form is to lay out the courses required to complete your degree program and when you expect to take each of them. You may then use it to track your own progress to the degree. You should revise it as needed. Please indicate the term when you expect to take each course (e.g., 2025F, 2026S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of course is given for the requirement, circle the appropriate course number. For electives, fill in the course number. Any course taken elsewhere should be marked TR. An additional study plan will be required if any of you wish to receive a minor or a second degree.

| Term | Course | Credits | Grade |
|---|---|---|---|
| | **TERM I** | | |
| _____ | ENGR 111 Intro to Engineering Design | 3.0 | _____ |
| _____ | HASS 103 Writing and Communications Colloquium | 3.0 | _____ |
| _____ | MA 121 Differential Calculus | 2.0 | _____ |
| _____ | MA 122 Integral Calculus | 2.0 | _____ |
| _____ | PRV 101 First Year Experience | 1.0 | _____ |
| _____ | ENGR 116 Intro. to Programming **OR** | 3.0 | _____ |
| | CS 115 Intro. to Computer Science | 4.0 | _____ |

| Term | Course | Credits | Grade |
|---|---|---|---|
| | **TERM II** | | |
| _____ | PEP 111 Mechanics | 3.0 | _____ |
| _____ | ENGR 122 Field Sust. Sys. w/ Sensors | 2.0 | _____ |
| _____ | MA 125 Vectors and Matrices | 2.0 | _____ |
| _____ | MA 126 Multivariable Calculus I | 2.0 | _____ |
| _____ | HASS 105 Knowledge, Nature, Culture | 3.0 | _____ |
| _____ | CH 115 General Chemistry I | 3.0 | _____ |
| _____ | CH 117 General Chemistry Laboratory I | 1.0 | _____ |

| Term | Course | Credits | Grade |
|---|---|---|---|
| | **TERM III** | | |
| _____ | ENGR 211 Engineering Statics | 3.0 | _____ |
| _____ | ENGR 245 Circuits and Systems | 3.0 | _____ |
| _____ | MA 221 Differential Equations | 4.0 | _____ |
| _____ | PEP 112 Electricity and Magnetism | 3.0 | _____ |
| _____ | **SSW 215 Indv. Software Engineering[4]** | **3.0** | _____ |

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|---|---|---|---|
| | **TERM IV** | | |
| _____ | **SSW 325 Obj. Oriented Software Eng.[4]** | **4.0** | _____ |
| _____ | **SSW 355 Introduction to Agile Methods[4]** | **3.0** | _____ |
| _____ | ENGR 212 Design of Data Acq. Systems | 3.0 | _____ |
| _____ | MGT 103 Intro. to Entrepreneurial Thinking | 2.0 | _____ |
| _____ | Science Elective and Lab[2] **OR** | 4.0 | _____ |
| | MA 225 Infinite Series AND MA 226 Multivariable Calc II | 4.0 | _____ |

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date:_____

Academic Advisor Signature: _____ Date:_____



Revised August 2026

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| | **TERM V** | | |
| ____ | SSW 345 Modeling and Simulation[4] | 3.0 | _____ |
| ____ | ISE 350 Logistics and Supply Chain Management[4] | 3.0 | _____ |
| ____ | ENGR 241 Prob and Stats w/ Data Science Apps | 4.0 | _____ |
| ____ | ENGR 311 Design with Materials | 3.0 | _____ |
| ____ | PRV 20X Frontiers of Technology | 1.0 | _____ |
| ____ | PRV 20X Frontiers of Technology | 1.0 | _____ |
| | **TERM VI** | | |
| ____ | SSW 322 Engineering Design VI[4] | 2.0 | _____ |
| ____ | SSW 564 Software Reqs. Analysis and Engineering[4] | 3.0 | _____ |
| ____ | ISE 490 Data-Mining and Applied Machine Learning[4] | 3.0 | _____ |
| ____ | ENGR 399 Engineering Economics and Project Mgt. | 2.0 | _____ |
| ____ | General Elective[3]_____ | 3.0 | _____ |
| ____ | Humanities[1] _____ | 3.0 | _____ |

| Term | Course | Credits | Grade |
|---|---|---|---|
| | **TERM VII** | | |
| ____ | SSW 423 Engineering Design VII[4] | 3.0 | _____ |
| ____ | SSW 567 Software Testing and QA[4] | 3.0 | _____ |
| ____ | SSW 590 DevOps Principles and Practices[4] | 3.0 | _____ |
| ____ | Technical Elective[5] _____ | 3.0 | _____ |
| ____ | Humanities[1] _____ | 3.0 | _____ |
| ____ | PRV 20X Frontiers of Technology | 1.0 | _____ |
| | **TERM VIII** | | |
| ____ | SSW 424 Senior Design VIII[4] | 3.0 | _____ |
| ____ | SSW 533 Cost Estimation and Metrics[4] | 3.0 | _____ |
| ____ | SYS 581 Introduction to Systems Engineering[4] | 3.0 | _____ |
| ____ | General Elective[3] _____ | 3.0 | _____ |
| ____ | Humanities[1] _____ | 3.0 | _____ |
| | **Additional Courses** | | |
| ____ | _____ | ____ | _____ |
| ____ | _____ | ____ | _____ |
| ____ | _____ | ____ | _____ |
| ____ | _____ | ____ | _____ |

**Notes:**

1. **Humanities Requirement- three additional humanities classes. One of those must be a humanities course, and one must be a Social Science. The last can be either.**
2. **Software Engineering students can choose from a list of science electives courses or they can take 4 credits of Math. For the complete list of courses, please visit the Academic Catalog.**
3. **General Electives - chosen by the student - can be any approves 3 or 4 credit course used towards a minor, major concentration, research, independent study language courses, or a course taken during an international experience.**
4. **These courses are in the major of Software Engineering.**
5. **Any 500 to 699 level EM, SSW, CS, ISE, SYS, CPE course can count towards the Technical Elective requirement.**

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date:_____

Academic Advisor Signature: _____ Date:_____



Revised August 2026