



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: Industrial and Systems 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., 2026F, 2027S, 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 116 Introduction to Programmimg	3.0	_____
_____	ENGR 111 Intro to Engineering Design	3.0	_____
_____	MA 121 Differential Calculus	2.0	_____
_____	MA 122 Integral Calculus	2.0	_____
_____	HASS 103 <i>Writing & Communication Colloquium</i>	3.0	_____
_____	PRV 101 First Year Experience	1.0	_____

TERM II			
_____	ENGR 122 Field Sustainable Sys. with Sen	2.0	_____
_____	MA 125 Vectors and Matrices	2.0	_____
_____	MA 126 Multivariable Calculus I	2.0	_____
_____	CH 115 General Chemistry I	3.0	_____
_____	CH 117 General Chemistry Lab I	1.0	_____
_____	PEP 111 Mechanics	3.0	_____
_____	HASS 105 Knowledge, Nature, Culture	3.0	_____

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	_____
_____	ISE 224 Informatics & Software Development	3.0	_____

TERM IV			
_____	ISE 225 Data Infrastructures	3.0	_____
_____	PRV 20X Frontiers of Technology	1.0	_____
_____	PRV 20X Frontiers of Technology	1.0	_____
_____	PRV 20X Frontiers of Technology	1.0	_____
_____	MGT 103 Intro to Entrepreneurial Thinking	2.0	_____
_____	Math Elective: MA 225 & MA 226 OR	4.0	_____
_____	Science Elective ²	4.0	_____
_____	ENGR 212: Design of Data Acquisition Systems	3.0	_____

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date: _____

Academic Advisor Signature: _____ Date: _____



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TERM V			
_____	ISE 350 Logistics & Supply Chain Management	3.0	_____
_____	ECON 244 Microeconomics	3.0	_____
_____	ENGR 241 Probability & Statistics	4.0	_____
_____	ENGR 311 Design with Materials	3.0	_____
_____	Humanities ¹ _____	3.0	_____
TERM VI			
_____	ISE 322 Engineering Design VI	2.0	_____
_____	ISE 345 Modeling and Simulation	3.0	_____
_____	SYS 581 Intro to Systems Engineering	3.0	_____
_____	ISE 357 Elements of Operations Research	3.0	_____
_____	ENGR 399 Eng Economics & Project Mgt	2.0	_____
_____	Technical Elective: _____	3.0	_____

Term	Course	Credits	Grade
TERM VII			
_____	ISE 423 Engineering Design VII	3.0	_____
_____	ISE 457 Operations Research II	3.0	_____
_____	Technical Elective ⁴ _____	3.0	_____
_____	GE ³ _____	3.0	_____
_____	EM 533 or EM 599 or SYS 624	3.0	_____
TERM VIII			
_____	ISE 424 Engineering Design VIII	3.0	_____
_____	ISE 490 Data-mining and Applied Maching Learning	3.0	_____
_____	ISE 551 Analysis of Networks and Strategies	3.0	_____
_____	Humanities ¹ _____	3.0	_____
_____	GE ³ _____	3.0	_____

Notes:

1. Humanities Requirement- three additional humanities classes. One of those must be ECON 244, one is a humanities and one can be a humanities or social science.
2. Students can choose from a list of science elective courses. For Math, students can choose between MA 225, MA 226 or MA 231. For the complete list of science courses, please visit the Academic Catalog.
3. General Education Electives – chosen by the student – can be any approved 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. Any 500 OR 600 level EM, ISE, SSW, or SYS course can count towards the Technical Elective requirements.

Additional Courses

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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Student Signature: _____ Date: _____

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