



Bachelor of Engineering – Student entering 2022 Fall

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

☐ Study Plan ☐ Application for Candidacy (check one)

Name: _____ ID: _____ Class: _____ Box S- _____ Email: _____

Major Concentration Field: Engineering Management Secondary Concentration Field: _____

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., 2020F, 2021S, 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	Course	Credits	Grade
<u>TERM I</u>				<u>TERM III</u>			
_____	CH 115 General Chemistry I	3.0	_____	_____	ENGR 211 Statics & Intro to Eng Mech	4.0	_____
_____	CH 117 General Chemistry Laboratory	1.0	_____	_____	ENGR 245 Circuits and Systems	3.0	_____
_____	ENGR 116 Introduction to Programming	3.0	_____	_____	MA 221 Differential Equations	4.0	_____
_____	ENGR 111 Intro to Engineering Design	4.0	_____	_____	PEP 112 Electricity and Magnetism	3.0	_____
_____	MA 121 Differential Calculus	2.0	_____	_____	EM 224 Informatics and Software Development	3.0	_____
_____	MA 122 Integral Calculus	2.0	_____				
_____	CAL 103 <i>Writing & Communication Colloquium</i>	3.0	_____				
<u>TERM II</u>				<u>TERM IV</u>			
_____	Science Elective² _____	3.0	_____	_____	BT 243 Macroeconomics	3.0	_____
_____	ENGR 122 Engineering Design II	2.0	_____	_____	EM 301 Accounting and Business Analytics	4.0	_____
_____	MA 125 Vectors and Surfaces	2.0	_____	_____	ENGR 212 Design of Dynamical Systems	4.0	_____
_____	MA 126 Calculus of Multivariables	2.0	_____	_____	ENGR 234 Thermodynamics	3.0	_____
_____	MGT 103 Intro to Entrepreneurial Thinking	2.0	_____	_____	MA Pick two Calculus _____ OR	4.0	_____
_____	PEP 111 Mechanics	3.0	_____	_____	Science Elective II² _____	3.0	_____
_____	CAL 105 <i>Knowledge, Nature, Culture</i>	3.0	_____	_____	Science Elective Laboratory² _____	1.0	_____

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

Revised August 2021



Bachelor of Engineering – Student entering 2022 Fall

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

☐ Study Plan ☐ Application for Candidacy (check one)

Name _____ ID: _____ Class: _____ Box S- _____ Email: _____

Major Concentration Field: Engineering Management

Secondary Concentration Field: _____

Term	Course	Credits	Grade
TERM V			
_____	EM 360 Operations Mgmt. and Process Engineering	3.0	_____
_____	EM 365 Statistics for Engineering Mgrs or 241	4.0	_____
_____	ENGR 311 Design with Materials	4.0	_____
_____	Humanities ¹	3.0	_____
_____	ISE 350 Logistics and Supply Chain Mgt	3.0	_____
TERM VI			
_____	EM 322 Engineering Design VI	2.0	_____
_____	EM 345 Modeling and Simulation	3.0	_____
_____	EM 385 Innovative System Design	3.0	_____
_____	EM 357 Elements of Operations Research	3.0	_____
_____	IDE 399 ⁴ Eng. Econ & Proj. Mgt	2.0	_____
_____	BT 244 Microeconomics ¹	3.0	_____

Notes:

1. Humanities Requirement- Four additional humanities classes. Two of those must be BT 244 and BT 243, which count as upper level humanities courses (300/400). For the remaining courses one must be at the 100/200 level, and they must cover two different disciplines within CAL.

2. Engineering Management 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 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. IDE 399 can be taken concurrently with IDE 401 in Term VII as determined by the engineering program

5. These courses are the Core major courses for the Engineering Management program.

6. Any 500 level EM, ES, ISE, SES, SSW, or SYS course can count towards the Technical Elective requirement.

Term	Course	Credits	Grade
TERM VII			
_____	EM 423 Engineering Design VII	3.0	_____
_____	EM 489 Data-Mining and Risk Assessment or FE Concentration Course	3.0	_____
_____	IDE 401 ⁴ Senior Innovation II	1.0	_____
_____	GE ³	3.0	_____
_____	Technical Elective ⁶	3.0	_____
_____	Technical Elective ⁶	3.0	_____
TERM VIII			
_____	EM 424 Senior Design VIII	3.0	_____
_____	EM 480 Managing the Development Enterprise	3.0	_____
_____	Technical Elective ⁶	3.0	_____
_____	Humanities ¹	3.0	_____
_____	GE ³	3.0	_____
_____	IDE 402 ⁴ Senior Innovation III	1.0	_____

Additional Courses

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

PE Optional Courses

Term	Course	Credits	Grade	Term	Course	Credits	Grade
_____	PE 200	PE	_____	_____	PE 200	PE	_____
_____	PE 200	PE	_____	_____	PE 200	PE	_____

☐ Original ☐ Revision ☐ 2nd Degree

Student Signature: _____ Date: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

Revised August 2021