



Bachelor of Engineering – Student entering 2024 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: Software Engineering 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.,2021F,2022S,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 Laboratory	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	_____	_____	SSW 215 Individual Software Engineering	3.0	_____
_____	MA 122 Integral Calculus	2.0	_____				
_____	HASS 103 <i>Writing & Communication Colloquium</i>	3.0	_____				
_____	PRV 101 First Year Experience	1.0	_____				
<u>TERM II</u>				<u>TERM IV</u>			
_____	Science Elective²	3.0	_____	_____	SSW 325 Obj Oriented Software Eng	3.0	_____
_____	ENGR 122 Engineering Design II	2.0	_____	_____	ENGR 212 Design of Dynamical Systems	4.0	_____
_____	MA 125 Vectors and Surfaces	2.0	_____	_____	ENGR 234 Thermodynamics	3.0	_____
_____	MA 126 Calculus of Multivariables	2.0	_____	_____	<u>Frontiers of Tech x2¹</u>	2.0	_____
_____	MGT 103 Intro to Entrepreneurial Thinking	2.0	_____	_____	Science Elective Laboratory II²	4.0	_____
_____	PEP 111 Mechanics	3.0	_____				
_____	HASS16 <i>Knowledge, Nature, Culture</i>	3.0	_____				

Original Revision 2nd Degree

Student Signature: _____ Date: _____

Faculty Advisor Signature: _____ Date: _____

UG Records Auditor: _____ Date: _____

Revised August 2021



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Term	Course	Credits	Grade	Term	Course	Credits	Grade
TERM V				TERM VII			
_____	SSW 345 Model Based Sfw Engineerin	3.0	_____	_____	SSW 567 Software Testing and QA	3.0	_____
_____	ENGR 241 Prob and Stat with data sci	4.0	_____	_____	SSW 590 Dev Ops	3.0	_____
_____	ENGR 311 Design with Materials	4.0	_____	_____	IDE 401 Senior Innovation II	1.0	_____
_____	Humanities ¹ _____	3.0	_____	_____	Technical Elective ⁶ _____	3.0	_____
_____	ISE 350 Logistics and Supply Chain Mgt.	3.0	_____	_____	Humanities ¹ _____	3.0	_____
TERM VI				TERM VIII			
_____	SSW322EngineeringDesign VI	2.0	_____	_____	SSW 423 Senior Design _____	3.0	_____
_____	SSW555AgileMethods	3.0	_____	_____	SSW 424 Senior Design VIII	3.0	_____
_____	SSW564SoftwareReqEngineering	3.0	_____	_____	SSW 533 Software Est and Metrics	3.0	_____
_____	SE490 Machine Learning and DataMining	3.0	_____	_____	SYS 581 Sys Eng Arch	3.0	_____
_____	PRV 20X Frontiers of Technology	1.0	_____	_____	Humanities ¹ _____	3.0	_____
_____	IDE399 ⁴ Eng.Econ & Proj.MGt	2.0	_____	_____	General Elective ³ _____	3.0	_____
_____	General Elective ³ _____	3.0	_____	_____	IDE 402 ⁴ Senior Inovation III	1.0	_____

Additional Courses

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

PE optional Courses⁷

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

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. 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 in the major of Software Engineering
6. Any 500 to 699 level EM, SSW, CS, ISE, SYS, CPE course can count towards the Technical Elective requirement.

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