Bachelor of Engineering–Student entering 2019 Fall
Study Plan   Application for Candidacy (check one)

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

Major Concentration Field: Computer 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., 2019F, 2020S, 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		
_____	CH 115 General Chemistry I	3.0	_____
_____	CH 117 General Chemistry Laboratory	1.0	_____
_____	E 101 Engineering Experience	1.0	_____
_____	E 115 Introduction to Programming	2.0	_____
_____	E 120 Engineering Graphics	1.0	_____
_____	E 121 Engineering Design I	2.0	_____
_____	MA 121 Differential Calculus	2.0	_____
_____	MA 122 Integral Calculus	2.0	_____
_____	CAL 103 *Writing & Communication Colloquium*	3.0	_____

Term	Course	Credits	Grade
	TERM II		
_____	**Science Elective[2]**_____	**3.0**	_____
_____	**Science Elective Laboratory[2]**_____	**0/1.0**	_____
_____	E 122 Engineering Design II	2.0	_____
_____	MA 123 Series, Vectors, Functions and Surfaces	2.0	_____
_____	MA 124 Calculus of Two Variables	2.0	_____
_____	MGT 103 Intro to Entrepreneurial Thinking	2.0	_____
_____	PEP 111 Mechanics	3.0	_____
_____	CAL 105 *Knowledge, Nature, Culture*	3.0	_____

Term	Course	Credits	Grade
	TERM III		
_____	E 126 Mechanics of Solids	4.0	_____
_____	E 231 Engineering Design III	2.0	_____
_____	E 245 Circuits and Systems	3.0	_____
_____	MA 221 Differential Equations	4.0	_____
_____	PEP 112 Electricity and Magnetism	3.0	_____
_____	**Humanities[1]**_____	**3.0**	_____

Term	Course	Credits	Grade
	TERM IV		
_____	**CPE 360 Computational Data Structures & Algorithms**	**3.0**	_____
_____	**CPE 390 Microprocessor Systems**	**4.0**	_____
_____	E 232 Engineering Design IV	3.0	_____
_____	E 234 Thermodynamics	3.0	_____
_____	**MA134 Discrete Mathematics**	**3.0**	_____
_____	**Humanities[1]**_____	**3.0**	_____

Original   Revision   2nd Degree

Student Signature: _____ Date:_____
Faculty Advisor Signature: _____ Date:_____
UG Records Auditor: _____ Date:_____

Revised July 2019

Bachelor of Engineering – Student entering 2019 Fall

Study Plan ☐ Application for Candidacy (check one)

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:_____ Box S-_____ Email:_____

Major Concentration Field: <u>Computer Engineering</u>   Secondary Concentration Field:_____

Term	Course	Credits	Grade	Term	Course	Credits	Grade
	TERM V				**TERM VII**		
_____	**EE 471 Transport Phenomena in Solid State Devices**	**4.0**	_____	_____	**CPE 423 Engineering Design VII**	**3.0**	_____
_____	**CPE 490 Information Systems Engineering I**	**3.0**	_____	_____	**CPE 487 Digital System Design**	**3.0**	_____
_____	**Humanities[1]**_____	**3.0**	_____	_____	**IDE[4] 401 Senior Innovation II**	**1.0**	_____
_____	E 321 Engineering Design V	2.0	_____	_____	**GE[3]**_____	**3.0**	_____
_____	E 243 Probability and Statistics for Engineers	3.0	_____	_____	Technical Elective_____	3.0	_____
_____	E 344 Materials Processing	3.0	_____	_____	Technical Elective_____	3.0	_____
	TERM VI				**TERM VIII**		
_____	**CPE 322 Engineering Design VI**	**2.0**	_____	_____	**CPE 424 Senior Design VIII**	**3.0**	_____
_____	**CPE 345 Modeling and Simulation**	**3.0**	_____	_____	Technical Elective_____	3.0	_____
_____	**CPE 462 Intro. to Image Processing & Coding**	**3.0**	_____	_____	Technical Elective_____	3.0	_____
_____	E 355 Engineering Economics	4.0	_____	_____	**Humanities[1]**_____	**3.0**	_____
_____	**Science Elective II[2]**_____	**3.0**	_____	_____	**GE[3]**_____	**3.0**	_____
_____	**GE[3]**_____	**3.0**	_____	_____	**IDE[4] 402 Senior Innovation III**	**1.0**	_____
_____	**IDE[4] 400 Senior Innovation I**	**1.0**	_____				

Additional Courses

Term	Course	Credits	Grade
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Notes:

1. Humanities Requirement - Four additional humanities classes. At least one must be at the 100 or 200 level, at least one must be at the 300 or 400 level, and courses must cover at least two different disciplines within CAL.

2. Computer Engineering students can choose from CH 116, BIO 281, PEP 201 w/ lab, NANO 200, EN 250, PEP 151, CE 240, PEP 242, PEP 336, and PEP 351 as long as one lab is included in the 2 courses to fulfill science requirement.

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 400 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 Computer Engineering program.

6. PE Requirement- All students must complete a minimum of four semesters of Physical Education (P.E.) in non-repeating courses. No credit or grades are awarded for P.E. classes. Participation in varsity and club sports may be used to satisfy all four of the Physical Education requirements.

PE Required Courses[6]

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:_____

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