



# Bachelor of Engineering— Student entering 2017 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 Gina Schnecker ID: 10300000 Class: 2018 Box S-18-16 Email: gschneck@stevens.edu

Major Concentration Field: Electrical 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., 2013F, 2014S, 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
<b>TERM I</b>				<b>TERM III</b>			
<u>F13</u>	CH 115 General Chemistry I	3.0	<u>B</u>	<u>S15</u>	E 126 Mechanics of Solids	4.0	<u>B+</u>
<u>F13</u>	CH 117 General Chemistry Laboratory	1.0	<u>A</u>	<u>S15</u>	E 231 Engineering Design III	2.0	<u>A-</u>
<u>F13</u>	E 101 Engineering Experience	1.0	<u>P</u>	<u>S15</u>	E 245 Circuits and Systems	3.0	<u>A-</u>
<u>F13</u>	E 115 Introduction to Programming	2.0	<u>A</u>	<u>S15</u>	MA 221 Differential Equations	4.0	<u>B</u>
<u>F13</u>	E 120 Engineering Graphics	1.0	<u>A</u>	<u>S15</u>	PEP 112 Electricity and Magnetism	3.0	<u>B</u>
<u>F13</u>	E 121 Engineering Design I	2.0	<u>A-</u>	<u>S15</u>	<u>Humanities<sup>1</sup> HHS-370</u>	<u>3.0</u>	<u>A</u>
<u>F13</u>	MA 121 Differential Calculus	2.0	<u>A</u>				
<u>F13</u>	MA 122 Integral Calculus	2.0	<u>A</u>				
<u>F13</u>	CAL 103 <i>Writing &amp; Communication Colloquium</i>	3.0	<u>B</u>				
<b>TERM II</b>				<b>TERM IV</b>			
<u>S14</u>	<u>Science Elective<sup>2</sup> CH 116</u>	<u>3.0</u>	<u>A</u>	<u>S16</u>	<u>EE 250 Mathematics for Electrical Engineers</u>	<u>3.0</u>	<u>A</u>
<u>S14</u>	<u>Science Elective Laboratory<sup>2</sup> CH 118</u>	<u>0/1.0</u>	<u>A</u>	<u>S16</u>	<u>EE 359 Electronic Circuits</u>	<u>3.0</u>	<u>A-</u>
<u>S14</u>	E 122 Engineering Design II	2.0	<u>B+</u>	<u>S16</u>	E 232 Engineering Design IV	3.0	<u>A</u>
<u>S14</u>	MA 123 Series, Vectors, Functions and Surfaces	2.0	<u>B+</u>	<u>S16</u>	E 234 Thermodynamics	3.0	<u>A-</u>
<u>S14</u>	MA 124 Calculus of Two Variables	2.0	<u>B+</u>	<u>S16</u>	<u>CPE 390 Microprocessor Systems</u>	<u>4.0</u>	<u>A</u>
<u>S14</u>	MGT 103 Intro to Entrepreneurial Thinking	2.0	<u>A</u>	<u>S16</u>	<u>Humanities<sup>1</sup> BT-243</u>	<u>3.0</u>	<u>A</u>
<u>S14</u>	PEP 111 Mechanics	3.0	<u>A-</u>				
<u>S14</u>	CAL 105 <i>Knowledge, Nature, Culture</i>	3.0	<u>B+</u>				

Original      Revision      2<sup>nd</sup> Degree

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_

Revised August 2017



# Bachelor of Engineering – Student entering 2017 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 Gina Schnecker ID: 10300000 Class: 2018 Box S- 18-16 Email: gschneck@stevens.edu

Major Concentration Field: Electrical Engineering Secondary Concentration Field: \_\_\_\_\_

Term	Course	Credits	Grade
<b>TERM V</b>			
S17	EE 471 Transport Phenomena in Solid State Devices 4.0		A
S17	EE 348 Signals and systems	3.0	A-
S17	Humanities <sup>1</sup> HLI-220	3.0	A
S17	E 321 Engineering Design V	2.0	A
S17	E 243 Probability and Statistics for Engineers	3.0	A
S17	E 344 Materials Processing	3.0	A

<b>TERM VI</b>			
S18	EE 322 Engineering Design VI	2.0	A
S18	EE 345 Modeling and Simulation	3.0	A
S18	EE 448 Digital Signal Processing	3.0	B
S18	E 355 Engineering Economics	4.0	A-
S18	Science Elective II <sup>2</sup> CH 118	3.0	A
S18	GE <sup>3</sup> EM-275	3.0	A
S18	IDE <sup>4</sup> 400 Senior Innovation I	1.0	A

### 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. Electrical Engineering students can choose from CH 116, CH 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, 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 Electrical 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 sports may be used to satisfy up to three credits of the P.E. requirement.

Term	Course	Credits	Grade
<b>TERM VII</b>			
S19	EE 423 Engineering Design VII	3.0	A
S19	EE 465 Introduction to Communication Systems	3.0	B
S19	IDE <sup>4</sup> 401 Senior Innovation II	1.0	A
S19	GE <sup>3</sup> CS-570	3.0	A
S19	Technical Elective CPE-487	3.0	A
S19	Technical Elective EE-586	3.0	A

<b>TERM VIII</b>			
S02	EE 424 Senior Design VIII	3.0	A
S02	Technical Elective CPE-360	3.0	A
S02	Technical Elective EE-441	3.0	A
S02	Humanities <sup>1</sup> HST-120	3.0	A
S02	GE <sup>3</sup> BT-244	3.0	A
S02	IDE <sup>4</sup> 402 Senior Innovation III	1.0	A

### Additional Courses

_____	course1	A	_____
_____	course2	A	_____
_____	course3	A	_____
_____	course2	A	_____

### PE Required Courses<sup>6</sup>

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

Original      Revision      2<sup>nd</sup> Degree

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

UG Records Auditor: \_\_\_\_\_ Date: \_\_\_\_\_

Revised August 2017