



# Bachelor of Engineering - Students Entering 2005 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- \_\_\_\_\_ E-mail: \_\_\_\_\_

Major Concentration Field: \_\_\_\_\_ Secondary Concentration Field: \_\_\_\_\_

Instructions 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., 2003F, 2004S, etc.). Roman numerals indicate the standard curriculum time schedule. If a choice of courses is given for a requirement, circle the appropriate course number. For electives, fill in the course number. Any courses taken elsewhere should be marked **TR**. An additional study plan will be required if you wish to receive a minor or a second degree.

Term	Course	Credits	Grade	Term	Course	Credits	Grade
<b><u>TERM I</u></b>				<b><u>TERM III</u></b>			
I	_____ CH115 - General Chemistry I	3.0	_____	III	_____ MA221 - Differential Equations	4.0	_____
I	_____ CH117 - General Chemistry. Lab I	1.0	_____	III	_____ PEP112 - Electricity and Magnetism	3.0	_____
I	_____ MA115 - Calculus I	3.0	_____	III	_____ E126 - Mechanics of Solids	4.0	_____
I	_____ E101 - Engineering Experience I <sup>1</sup>	0.0	_____	III	_____ E245 - Circuits and Systems	3.0	_____
I	_____ E120 - Engineering Graphics	1.0	_____	III	_____ E231 - Engineering Design III	2.0	_____
I	_____ E121 - Engineering Design I	2.0	_____	III	_____ Humanities _____	3.0	_____
I	_____ E115 - Introduction to Programming	2.0	_____	<b><u>TERM IV</u></b>			
I	_____ Humanities _____	3.0	_____	IV	_____ MA227 - Multivariate Calculus OR	3.0	_____
<b><u>TERM II</u></b>				Approved Alternate: <sup>3</sup> _____ 3.0 _____			
II	_____ Science Elective <sup>2</sup> _____	3.0/4.0	_____	IV	_____ E232 - Engineering Design IV	3.0	_____
II	_____ MA116 - Calculus II	3.0	_____	IV	_____ E234 <sup>3</sup> - Introduction to Thermodynamics	3.0	_____
II	_____ PEP111 - Mechanics	3.0	_____	IV	_____ Science Elective <sup>2</sup> _____	3.0/4.0	_____
II	_____ E102 - Engineering Experience II <sup>1</sup>	1.0	_____	IV	_____ Technical Elective <sup>3</sup> _____	4.0	_____
II	_____ E122 - Engineering Design II	2.0	_____	IV	_____ Humanities _____	3.0	_____
II	_____ Humanities _____	3.0	_____				

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

Original  Revision

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

2<sup>nd</sup> Degree

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



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				Term	Course		Credits		Grade
<b><u>TERM V</u></b>									
V	_____	__E342 <sup>3</sup> - Transport/Fluid Dynamics	4.0	_____					
V	_____	E344 - Materials Processing	3.0	_____					
V	_____	E321 - Engineering Design V	2.0	_____					
V	_____	E243 - Probability & Statistics OR	3.0	_____					
		Technical Elective <sup>3</sup> _____	3.0	_____					
V	_____	Technical Elective <sup>3</sup> _____	3.0	_____					
V	_____	Humanities _____	3.0	_____					
<b><u>TERM VI</u></b>									
VI	_____	__E345 <sup>3</sup> - Modeling and Simulation	3.0	_____					
VI	_____	E355 - Engineering Economics	4.0	_____					
VI	_____	__E322 <sup>3</sup> - Engineering Design VI	2.0	_____					
VI	_____	Technical Elective <sup>3</sup> _____ OR	3.0	_____					
		E243 - Probability & Statistics	3.0	_____					
VI	_____	Technical Elective <sup>3</sup> _____	3.0	_____					
VI	_____	General Elective <sup>4</sup> _____	3.0	_____					
<b><u>TERM VII</u></b>									
VII	_____	Technical Elective <sup>3</sup> _____	3.0	_____					
VII	_____	Technical Elective <sup>3</sup> _____	3.0	_____					
VII	_____	Technical Elective <sup>3</sup> _____ OR	3.0	_____					
		E243 - Probability & Statistics	3.0	_____					
VII	_____	General Elective <sup>4</sup> _____	3.0	_____					
VII	_____	__E423 <sup>3</sup> - Engineering Design VII	3.0	_____					
VII	_____	Technogenesis Core <sup>5</sup> _____	3.0	_____					
<b><u>TERM VIII</u></b>									
VIII	_____	Technical Elective <sup>3</sup> _____	3.0	_____					
VIII	_____	Technical Elective <sup>3</sup> _____	3.0	_____					
VIII	_____	General Elective <sup>4</sup> _____	3.0	_____					
VIII	_____	__E424 <sup>3</sup> - Engineering Design VIII	3.0	_____					
VIII	_____	Humanities _____	3.0	_____					
<b><u>ADDITIONAL COURSES</u><sup>6,7</sup></b>									
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____

- NOTES:
1. Credit for E101 and E102 earned in Term II.
  2. Basic Science Elective: Some departments may have specific requirements;  
 One elective must have a laboratory component;  
 Two electives from the same field cannot be selected.
  3. Discipline specific courses.
  4. General Elective: Chosen by student;  
 Can be used towards a minor or option;  
 Can be applied to research or approved international studies.
  5. Core Option - Specific course determined by engineering program.
  6. PE Graduation Requirement: Minimum of three semester PE credits.
  7. Courses beyond the B.S. requirements whether to meet minor requirements, to meet second degree requirements, to defer to graduate program (mark GD) or extra courses (e.g. from change in field of study; mark XT).

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_  Original  Revision

Faculty Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_  2<sup>nd</sup> Degree

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