



# Bachelor of Engineering – Student entering 2000 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 |
|-----------------------|---|---------|-------|------------------------|--|---------|-------|
| <b><u>TERM I</u></b>  |   |         |       | <b><u>TERM III</u></b> |  |         |       |
| _____                 | 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     | _____ |                        |  | 3.0     | _____ |
| _____                 | MA 122 Integral Calculus                              | 2.0     | _____ |                        |  |         | _____ |
| _____                 | CAL 103 <i>Writing &amp; Communication Colloquium</i> | 3.0     | _____ |                        |  |         | _____ |
| <b><u>TERM II</u></b> |   |         |       | <b><u>TERM IV</u></b>  |  |         |       |
| _____                 | Science Elective <sup>2</sup>                         | 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 II <sup>2</sup>         | 3.0     | _____ |
| _____                 | CAL 105 <i>Knowledge, Nature, Culture</i>             | 3.0     | _____ | _____                  | Science Elective Laboratory <sup>2</sup> | 1.0     | _____ |

Original     Revision     2<sup>nd</sup> 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 |
|----------------|---|---------|-------|
| <b>TERM V</b>  |   |         |       |
| _____          | 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 <sup>1</sup>                         | 3.0     | _____ |
| _____          | ISE 350 Logistics and Supply Chain Mgt          | 3.0     | _____ |
| <b>TERM VI</b> |   |         |       |
| _____          | 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 <sup>4</sup> Eng. Econ & Proj. Mgt      | 2.0     | _____ |
| _____          | BT 244 Microeconomics <sup>1</sup>              | 3.0     | _____ |

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

**Notes:**

- 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.
- 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.
- 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.
- IDE 399 can be taken concurrently with IDE 401 in Term VII as determined by the engineering program
- These courses are the Core major courses for the Engineering Management program.
- Any 500 level EM, ES, ISE, SES, SSW, or SYS course can count towards the Technical Elective requirement.

**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     2<sup>nd</sup> Degree

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

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

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