



# Bachelor of Engineering - Students Entering Fall 2026

## Study Plan

Name:  ID:  E-mail:

Major: MECHANICAL ENGINEERING Concentration:

Instructions: Please print or Type. The purpose of this study plan is to track your progress to degree completion by outlining the specific courses required for the program and when you expect to take them. Please indicate the term (semester) when you plan to take or have taken each course (e.g., 25F, 26S, 26F, etc.). If a choice of course is given for the requirement, circle the appropriate course number. For electives, fill in the course number. Courses completed via AP/IB or transfer credit should be marked as AP, IB, or TR respectively. Revise this plan as needed. An additional study plan will be required if you wish to pursue 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     | <input type="text"/> | III                    | MA221 - Differential Equations                   | 4.0     | <input type="text"/> |
| I                     | CH117 - General Chemistry Lab I                    | 1.0     | <input type="text"/> | III                    | PEP112 - Electricity and Magnetism               | 3.0     | <input type="text"/> |
| I                     | MA121 - Calculus 1A: Differential Calculus         | 2.0     | <input type="text"/> | III                    | ENGR245 - Circuits and Systems                   | 3.0     | <input type="text"/> |
| I                     | MA122- Calculus 1B: Integral Calculus              | 2.0     | <input type="text"/> | III                    | ENGR211 – Statics and Intro to Engineering Mech. | 3.0     | <input type="text"/> |
| I                     | ENGR116- Intro to Program. & Algorithmic Thinking  | 3.0     | <input type="text"/> | III                    | ME234 – Mech. Eng. Thermodynamics                | 3.0     | <input type="text"/> |
| I                     | ENGR111- Intro to Eng. Design & Systems Thinking   | 3.0     | <input type="text"/> |                        |                                                  |         |                      |
| I                     | HASS 103- Writing and Communication Colloquium     | 3.0     | <input type="text"/> | <b><u>TERM IV</u></b>  |                                                  |         |                      |
| I                     | PRV101- First Year Experience Seminar              | 1.0     | <input type="text"/> | IV                     | MA226 - Multivariable Calculus II                | 2.0     | <input type="text"/> |
| <b><u>TERM II</u></b> |                                                    |         |                      | IV                     | MA225 - Infinite Series                          | 2.0     | <input type="text"/> |
| II                    | PRV 2XX Frontiers of Technology                    | 1.0     | <input type="text"/> | IV                     | ENGR212 - Design of Dynamical Systems            | 3.0     | <input type="text"/> |
| II                    | MA125 - Vectors and Matrices                       | 2.0     | <input type="text"/> | IV                     | ME225 - Dynamics                                 | 3.0     | <input type="text"/> |
| II                    | MA126 – Multivariable Calculus I                   | 2.0     | <input type="text"/> | IV                     | ME261 - Mechanics of Materials                   | 3.0     | <input type="text"/> |
| II                    | PEP111 - Mechanics                                 | 3.0     | <input type="text"/> | IV                     | PRV 2xx Frontiers of Technology                  | 1.0     | <input type="text"/> |
| II                    | MGT 103 – Introduction to Entrepreneurial Thinking | 2.0     | <input type="text"/> | IV                     | PRV 2xx Frontiers of Technology                  | 1.0     | <input type="text"/> |
| II                    | ENGR122 - Fields Sustainable Systems with Sci.     | 2.0     | <input type="text"/> |                        |                                                  |         |                      |
| II                    | HASS 105- CAL:Knowledge, Nature, Culture           | 3.0     | <input type="text"/> |                        |                                                  |         |                      |

Student Signature:

Date:

☐

Original

☐

Revision-

Faculty Advisor Signature:

Date:

☐

2nd Degree



# Bachelor of Engineering - Students Entering Fall 2026

## Study Plan

Stevens Institute of Technology  
Castle Point on Hudson  
Hoboken, NJ 07030  
The Department of  
Mechanical Engineering

Name:  ID:  Email:   
Major: MECHANICAL ENGINEERING Concentration:

|   | TERM V                                                                 | Credit |                          |
|---|------------------------------------------------------------------------|--------|--------------------------|
| V | <input type="checkbox"/> ME342 - Fluid Mechanics                       | 3.0    | <input type="checkbox"/> |
| V | <input type="checkbox"/> ENGR311 - Design V with Materials             | 3.0    | <input type="checkbox"/> |
| V | <input type="checkbox"/> ENGR241 - Probability & Stat. w/ Data Sci App | 4.0    | <input type="checkbox"/> |
| V | <input type="checkbox"/> ME335 - Thermal Engineering                   | 3.0    | <input type="checkbox"/> |
| V | <input type="checkbox"/> ME 361 - Design of Machine Components         | 3.0    | <input type="checkbox"/> |

|    | TERM VI                                                               | Credit |                          |
|----|-----------------------------------------------------------------------|--------|--------------------------|
| VI | <input type="checkbox"/> ME345 - Modeling and Simulation              | 3.0    | <input type="checkbox"/> |
| VI | <input type="checkbox"/> ENGR399 - Eng. Economic & Project Management | 2.0    | <input type="checkbox"/> |
| VI | <input type="checkbox"/> ME322 - Engineering Design VI                | 3.0    | <input type="checkbox"/> |
| VI | <input type="checkbox"/> ME491 - Manufacturing Processes and Systems  | 3.0    | <input type="checkbox"/> |
| VI | <input type="checkbox"/> ME483 - Control Systems                      | 3.0    | <input type="checkbox"/> |
| VI | <input type="checkbox"/> Humanities: <input type="text"/>             | 3.0    | <input type="checkbox"/> |

|     | TERM VII                                                                         | Credit | Grade                    |
|-----|----------------------------------------------------------------------------------|--------|--------------------------|
| VII | <input type="checkbox"/> ME354 - Heat Transfer                                   | 3.0    | <input type="checkbox"/> |
| VII | <input type="checkbox"/> ME475 - ME Systems Laboratory                           | 3.0    | <input type="checkbox"/> |
| VII | <input type="checkbox"/> Technical Elective <sup>1</sup> ME <input type="text"/> | 3.0    | <input type="checkbox"/> |
| VII | <input type="checkbox"/> ME423 - Engineering Design VII <sup>4</sup>             | 3.0    | <input type="checkbox"/> |
| VII | <input type="checkbox"/> Humanities: <input type="text"/>                        | 3.0    | <input type="checkbox"/> |

|      | TERM VIII                                                                        | Credit |                          |
|------|----------------------------------------------------------------------------------|--------|--------------------------|
| VIII | <input type="checkbox"/> Technical Elective <sup>1</sup> ME <input type="text"/> | 3.0    | <input type="checkbox"/> |
| VIII | <input type="checkbox"/> General Elective <sup>2</sup> <input type="text"/>      | 3.0    | <input type="checkbox"/> |
| VIII | <input type="checkbox"/> General Elective <sup>2</sup> <input type="text"/>      | 3.0    | <input type="checkbox"/> |
| VIII | <input type="checkbox"/> ME424 - Engineering Design VIII <sup>4</sup>            | 3.0    | <input type="checkbox"/> |
| VIII | <input type="checkbox"/> Humanities: <input type="text"/>                        | 3.0    | <input type="checkbox"/> |

### NOTES:

1. Technical Electives can be selected from available ME 400 and ME 500 course offerings and they can be used towards ME concentration area.
2. General Electives can be selected from available courses offered by programs in SES, SOB and HASS (including 400-500 level ME Courses). Approval from the student's advisor and the course instructor may be required.
3. Please see Humanities requirements listed in the academic catalog for the year you entered Stevens for specific requirements.
4. ME 423 and ME 424 must be taken in Fall/Spring sequence.

### ADDITIONAL COURSES <sup>4</sup>

|                          |                      |                      |                      |
|--------------------------|----------------------|----------------------|----------------------|
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
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| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |
| <input type="checkbox"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Student Signature:  Date:  ☐ Original ☐ Revision-  
Faculty Advisor Signature:  Date:  ☐ 2nd Degree