Stevens Institute of Technology
Castle Point on Hudson
Hoboken, NJ 07030
Department of Civil Environmental and Ocean Engineering

Bachelor of Engineering Study Plan - Entering Fall 2025 and later

Name: _____ ID: _____ E-mail: _____ Class: _____

Major: **Engineering (Concentration in Naval Engineering)**

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 I		
I	CH 115 - General Chemistry I	3.0	_____
I	CH 117 - General Chemistry Lab I	1.0	_____
I	ENGR 111 - Intro to Engr. Design & Sys. Thinking	4.0	_____
I	ENGR 116 - Introduction to Programming	3.0	_____
I	HASS 103 - Writing and Communications Colloquium	3.0	_____
I	MA 121 - Differential Calculus	2.0	_____
I	MA 122 - Integral Calculus	2.0	_____
I	PRV 101 - First Year Experience	1.0	_____
	TERM II		
II	ENGR 122 - Field Sustainable Systems with Sensors	2.0	_____
II	HASS 105 - Knowledge, Nature, Culture	3.0	_____
II	MA 125 - Vectors & Matrices	2.0	_____
II	MA 126 - Multivariable Calculus I	2.0	_____
II	MGT 103 - Introduction to Entrepreneurial Thinking	2.0	_____
II	PEP 111 - Mechanics	3.0	_____
II	Science Elective[1]:_____	3.0	_____

Term	Course	Credits	Grade
	TERM III		
III	ENGR 211 - Statics and Intro. to Engr. Mechanics	4.0	_____
III	ENGR 234 - Thermodynamics	3.0	_____
III	ENGR 245 - Circuits and Systems	3.0	_____
III	MA 221 - Differential Equations	4.0	_____
III	PEP 112 - Electricity and Magnetism	3.0	_____
	TERM IV		
IV	CE 261 - Mechanics of Materials	3.0	_____
IV	ENGR 212 - Design of Dynamical Systems	4.0	_____
IV	ENGR 241 - Probability & Stats w/ Data Science Apps	4.0	_____
IV	ME 225 - Dynamics	3.0	_____
IV	NE 224 - Intro. to Ship Design & Ship Building	3.0	_____

Student Signature: _____ Date:_____ ☐ Original ☐ Revision

Academic Advisor Signature: _____ Date:_____ ☐ 2nd Degree

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Term	Course	Credits	Grade
	TERM V		
V	CE 343 - Fluid Mechanics	3.0	_____
V	ENGR 311 - Design with Materials	4.0	_____
V	MA 225 - Infinite Series	2.0	_____
V	MA 226 - Multivariable Calculus II	2.0	_____
V	OE 525 - Principles of Naval Architecture	3.0	_____
V	PRV 20X - Frontiers of Technology[5]	1.0	_____
	TERM VI		
VI	CE 373 - Structural Analysis	3.0	_____
VI	CE 398 - Civil Engineering Project Management	3.0	_____
VI	NE 322 - Engineering Design VI	2.0	_____
VI	OE 520 - Ocean Wave Mechanics	3.0	_____
VI	OE 528 - Computer Aided Ship Design	3.0	_____
VI	Humanities[4]:_____	3.0	_____

Term	Course	Credits	Grade
	TERM VII		
VII	IDE 401 - Senior Innovation-II:Value Proposition	1.0	_____
VII	NE 423 - Engineering Design VII	3.0	_____
VII	OE 501 - Oceanography	3.0	_____
VII	OE 527 - Laboratory in Naval Architecture	3.0	_____
VII	PRV 20X - Frontiers of Technology	1.0	_____
VII	General Elective[3]:_____	3.0	_____
VII	Humanities: _____	3.0	_____
	TERM VIII		
VIII	IDE 402 - Senior Innovation III: Venture Plan & Pitch	1.0	_____
VIII	NE 424 - Engineering Design VIII	3.0	_____
VIII	OE 534 - Marine Engineering	3.0	_____
VIII	PRV 20X - Frontiers of Technology	1.0	_____
VIII	General Elective:_____	3.0	_____
VIII	Technical Elective[2]:_____	3.0	_____
VIII	Humanities:_____	3.0	_____

ADDITIONAL COURSES

____	_____	_____	_____
____	_____	_____	_____
____	_____	_____	_____
____	_____	_____	_____

Notes:

1. Science Elective can be selected from the following list. Laboratory is not required.
   a. CH 116 with or without lab (CH 118), BIO 181 with or without lab (BIO 182), PEP 201 (embedded lab), PEP 151, PEP 152, PEP 351, NANO 200, CE 240.
2. Technical Electives can be selected from any 500 and 600-level course offered by the Civil, Environmental, Ocean, or Mechanical Engineering Departments.
3. General Electives can be selected from available courses offered by programs in SES, SSE, SOB and HASS (including EE and CPE courses). Approval from the student's advisor and the course instructor may be required.
4. Humanities: Please see Humanities Requirements for specific requirements.
5. SUCCESS Core Curriculum: Students must complete requirements including PRV 101, and three (3) courses from PRV 201, PRV 202, PRV 203, PRV 204, PRV 205

Student Signature: _____ Date:_____ ☐ Original ☐ Revision

Academic Advisor Signature: _____ Date:_____ ☐ 2nd Degree