

# Bachelor of Engineering Study Plan - Entering Fall 2026 and later

Name: \_\_\_\_\_ ID: \_\_\_\_\_ E-mail: \_\_\_\_\_ Class: \_\_\_\_\_

Major: **Ocean 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., 26F, 27S, 27F, 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>TERM I</b>  |                                                     |         |       | <b>TERM III</b> |                                                     |         |       |
| I              | CH 115 - General Chemistry I                        | 3.0     | _____ | III             | ENGR 234 - Thermodynamics                           | 3.0     | _____ |
| I              | CH 117 - General Chemistry Lab I                    | 1.0     | _____ | III             | ENGR 211 - Engineering Statics                      | 3.0     | _____ |
| I              | ENGR 111 - Intro to Engr. Design & Systems Thinking | 3.0     | _____ | III             | ENGR 245 - Circuits and Systems                     | 3.0     | _____ |
| I              | ENGR 116 - Introduction to Programming              | 3.0     | _____ | III             | MA 221 - Differential Equations                     | 4.0     | _____ |
| I              | HASS 103 - Writing and Communications Colloquium    | 3.0     | _____ | III             | PEP 112 - Electricity and Magnetism                 | 3.0     | _____ |
| I              | MA 121 - Differential Calculus                      | 2.0     | _____ |                 |                                                     |         |       |
| I              | MA 122 - Integral Calculus                          | 2.0     | _____ |                 |                                                     |         |       |
| I              | PRV 101 - First Year Experience                     | 1.0     | _____ |                 |                                                     |         |       |
| <b>TERM II</b> |                                                     |         |       | <b>TERM IV</b>  |                                                     |         |       |
| II             | Science Elective <sup>4</sup> : _____               | 3.0     | _____ | IV              | CE 261 - Mechanics of Materials                     | 3.0     | _____ |
| II             | ENGR 122 - Field Sustainable Systems with Sensors   | 2.0     | _____ | IV              | ME 225 - Dynamics                                   | 3.0     | _____ |
| II             | HASS 105 - Knowledge, Nature, Culture               | 3.0     | _____ | IV              | OE 224 - Intro. to Ocean Engineering                | 3.0     | _____ |
| II             | MA 125 - Vectors and Matrices                       | 2.0     | _____ | IV              | ENGR 212 - Design of Data Acquisition Systems       | 3.0     | _____ |
| II             | MA 126 - Multivariable Calculus I                   | 2.0     | _____ | IV              | ENGR 241 - Probability & Stats w/ Data Science Apps | 4.0     | _____ |
| II             | MGT 103 - Introduction to Entrepreneurial Thinking  | 2.0     | _____ |                 |                                                     |         |       |
| II             | PEP 111 - Mechanics                                 | 3.0     | _____ |                 |                                                     |         |       |

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

Academic Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_

|                          |            |                          |          |
|--------------------------|------------|--------------------------|----------|
| <input type="checkbox"/> | Original   | <input type="checkbox"/> | Revision |
| <input type="checkbox"/> | 2nd Degree |                          |          |

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|---------------|----------------------------------------------------------|---------|-------|-----------------|---------------------------------------|---------|-------|
| <b>TERM V</b> |                                                          |         |       | <b>TERM VII</b> |                                       |         |       |
| V             | CE 343 - Fluid Mechanics                                 | 3.0     |       | VII             | OE 423 - Engineering Design VII       | 3.0     |       |
| V             | OE 525/589/523 - Naval Arch./Coastal Engr./Marine Energy | 3.0     |       | VII             | OE 515 - Marine Dynamics              | 3.0     |       |
| V             | ENGR 311 - Design with Materials                         | 3.0     |       | VII             | PRV 20X - Frontiers of Technology     | 1.0     |       |
| V             | MA 226 - Multivariable Calculus II                       | 2.0     |       | VII             | PRV 20X - Frontiers of Technology     | 1.0     |       |
| V             | PRV 20X - Frontiers of Technology <sup>3</sup>           | 1.0     |       | VII             | General Elective <sup>1</sup> : _____ | 3.0     |       |
| V             | Humanities <sup>2</sup> : _____                          | 3.0     |       | VII             | Humanities: _____                     | 3.0     |       |

|                |                                                           |     |  |                 |                                                                |     |  |
|----------------|-----------------------------------------------------------|-----|--|-----------------|----------------------------------------------------------------|-----|--|
| <b>TERM VI</b> |                                                           |     |  | <b>TERM VII</b> |                                                                |     |  |
| VI             | CE 373 - Structural Analysis                              | 3.0 |  | VIII            | OE 534/585/ME 514 - Marine Engr./Littoral Proc./Sustain. Ener. | 3.0 |  |
| VI             | CE 398 - Civil Engineering Project Management             | 3.0 |  | VIII            | OE 424 - Engineering Design VIII                               | 3.0 |  |
| VI             | OE 322 - Engineering Design VI                            | 2.0 |  | VIII            | Technical Elective: _____                                      | 3.0 |  |
| VI             | OE 520 - Ocean Wave Mechanics                             | 3.0 |  | VIII            | General Elective: _____                                        | 3.0 |  |
| VI             | OE 521 - Modeling and Simulation in Ocean Engineering     | 3.0 |  | VIII            | Humanities: _____                                              | 3.0 |  |
| VI             | OE 421 - Modeling and Simulation in Ocean Engineering Lab | 1.0 |  |                 |                                                                |     |  |

## ADDITIONAL COURSES

- Notes: 1. General Electives can be selected from available courses offered by programs in SES, SSE, SOB and HASS (including EN courses). Approval from the student's advisor and the course instructor may be required.  
2. Humanities electives: Please see [Humanities Requirements](#) for specific requirements.  
3. [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  
4. Ocean Science course can be selected from CE 240, CH 116, BI 181, NAN 200, PEP 151, PEP 152, PEP 201, PEP 351, PEP 336, EN 250, PEP 242

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

Academic Advisor Signature: \_\_\_\_\_ Date: \_\_\_\_\_ ☐ 2nd Degree