Indicates prerequisite for this course is senior standing in major.

**With permission only**

Arrow: Indicates prerequisite. Arrow with C: Indicates corequisite.

Numbers in parentheses indicate semester units.

Students must complete each EE course with a grade of C (2.0) or higher and each supporting course with a grade of C (1.7) or higher in order to pass. Otherwise, the course has to be retaken.

$\$ MATH 241: Linear Algebra with Applications in Differential Equations. MATH 261: Multivariable Calculus, or C (2.0) or higher of C (2.0) or higher in order to pass. Otherwise, the course has to be retaken.

Roadmap to the Four-Year BSEE Program (Effective Fall ’15)
The specific courses that meet each GE Subarea are listed in the class schedule in MYSSU and can be searched for using various filters. If students select a course worth more units than the required minimum in a GE Subarea, unless otherwise noted, three units will be applied towards the GE Subarea and any additional units will be applied as electives or towards other appropriate GE Subareas.

### Lower-Division GE (minimum 39 units)

**A. English Language Communication & Critical Thinking** (minimum 9 units)
- A1. Oral communication (minimum 3 units)  
  ES 104
- A2. Written Communication (minimum 3 units)  
  ENGL 101
- A3. Critical Thinking (minimum 3 units)  
  ES 210 (Offered in Spring only)

**B. Scientific Inquiry & Quantitative Reasoning** (minimum 9 units)
- B1. Physical Science (minimum 3 units)  
  PHYS 114
- B2. Life Science (minimum 3 units)  
  BIOL 115
- Laboratory Activity  
  PHYS 116
- B4. Mathematics / Quantitative Reasoning (minimum 3 units)  
  MATH 161

**C. Arts & Humanities** (minimum 9 units)
- C1. Arts (minimum 3 units)
- C2. Humanities (minimum 3 units)
- Additional Arts or Humanities (minimum 3 units)

**D. Social Sciences** (minimum 9 units)

**E. Lifelong Learning & Self Development** (minimum 3 units)  
SCl 220

### Upper-Division GE (minimum 9 units)

**Upper-division area B. Scientific Inquiry & Quantitative Reasoning** (minimum 3 units)

**Upper-division area C. Arts & Humanities** (minimum 3 units)

**Upper-division area D. Social Sciences** (minimum 3 units)

### Seawolf Studies Graduation Requirements

**Graduation Writing Assessment Requirement**

**American Institutions**
- American History  
  HIST 251 or HIST 252
- The United States Constitution  
  POLS 200 (3 units)
- California State and Local Government  
  POLS 200 (3 units)

**Critical Race Studies** (minimum 1 course)

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1. Lower-division GE is numbered 100 – 299.
2. Associated with a Physical or Life Science. May be embedded in a lecture course or taught as a separate 1-unit course.
3. Complete the lower-division social science courses in at least two different disciplines.
4. Upper-division GE is numbered 300 – 499 and must be taken in-residence within the CSU system.
5. Seawolf Studies courses may meet general education, major, minor, and/or university elective requirements.
6. The GWAR is to be completed after a student earns 60 units via a WIC course or the WEPT exam.
7. American Institutions is typically met through two 3-unit courses.

*Updated June 2019*