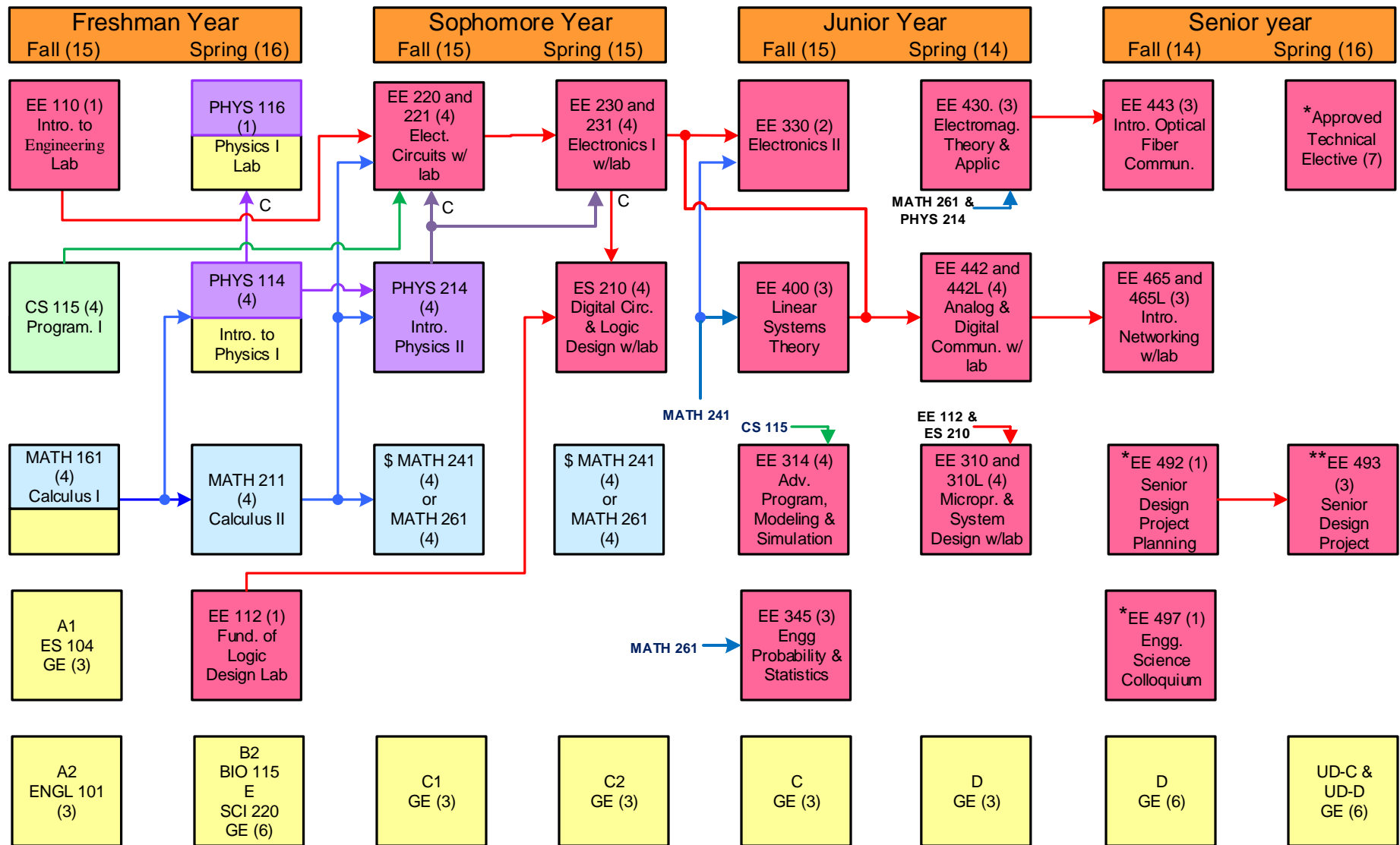


Roadmap to the Four-Year BSEE Program (effective Spring '20)



*: Indicates prerequisite for this course is senior standing in major (completion of all 300-level courses)

** : With permission only

Arrow: Indicates prerequisite Arrow with C: Indicates Co-requisite

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 re-taken.

§: MATH 241: Linear Algebra with Applications in Differential Equations, MATH 261: Multivariable Calculus

SONOMA STATE UNIVERSITY GE PATTERN

[FOR STUDENTS ENTERING SSU FALL 2019 & SPRING 2020]

FOR ENGINEERING MAJORS: Take the specified courses in RED for each area!

Do not take any other courses than shown below in Lower Division A & B!

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) ¹	
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 ²	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) ³	POLS 200 (3 units) + HIST 251 or HIST 252 (3 units)
E. Lifelong Learning & Self Development (minimum 3 units)	SCI 220
Upper-Division GE (minimum 9 units) ⁴	
Upper-division area B. Scientific Inquiry & Quantitative Reasoning (minimum 3 units)	EE 345
Upper-division area C. Arts & Humanities (minimum 3 units)	
Upper-division area D. Social Sciences (minimum 3 units)	
Seawolf Studies Graduation Requirements ⁵	
Graduation Writing Assessment Requirement ⁶	
American Institutions ⁷	
- American History	HIST 251 or HIST 252 (3 units)
- The United States Constitution	POLS 200 (3 units)
- California State and Local Government	POLS 200 (3 units)
Critical Race Studies (minimum 1 course)	

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.