



Suggested Courses for Transfer Students Coming into BioResource and Agricultural Engineering (BRAE)

Recommended you enroll in 12 to 16 units

Catalog Year: 2020-2021

I. Major Courses:

- **BRAE 128:** Careers in BioResource and Agricultural Engineering – (2 units)
(Not required for TR students)
- **BRAE 216:** (Fundamentals of Electricity)– (4 Units) **(Required in Fall)**
- **BRAE 236:** (Principles of Irrigation)– (4 Units) **(Required in Fall)**
- **BRAE 129:** Laboratory Skills and Safety – (1 unit)
- **BRAE 150:** Design Graphics & CAD for Ag. Eng. (2 units)
- **BRAE 239:** Engineering Surveying – (4 units)

II. Support Courses:

If you haven't completed your math and physics, continue with the following sequence:

- MATH 141, 142, 143, 241, 244

III. General Education (GE) Courses:

Refer to 2020-21 Cal Poly Catalog and *Degree Planner* to see full listing of GE requirements and offerings.

Suggested Courses:

- Area A3: ENGL 149 (4 units)
- Area C: Upper Division C Elective – (Select an Upper Division C Elective that also satisfies the GWR and USCP requirement to triple-count this class)

IV. Additional Notes:

- BRAE is a rigorous major. It is advisable to take lower division GE and some major/support classes in the summer here at Cal Poly, online, or at Community Colleges to expedite your graduation date and free up your traditional quarters. Use assist.org and see an advisor and/or Office of the Registrar to make sure you are taking a class that will satisfy a required course before enrolling in summer courses anywhere.
- The Graduation Writing Requirement (GWR) must be fulfilled by enrolling in a GWR-approved, upper-division English course OR by registering for the Writing Proficiency Examination (WPE). For GWR course information and WPE exam dates and registration, please see <http://www.writingcenter.calpoly.edu/content/gwr/index>. To find out which classes are being offered in the Fall quarter that can be used to satisfy the GWR, please check "Show GWR Classes" in the Select Course List menu in *Degree Planner*.
- United States Cultural Pluralism (USCP) requirement must be satisfied before graduation. You can search for classes in *Degree Planner* that will allow you to satisfy both GE area and the USCP requirement

V. Advising Center Information:

- Bldg. 74M-A
- cafesadvising@calpoly.edu

- <https://cafes.calpoly.edu/academic-advising>