Suggested Courses for Transfer Students
Fall 2017
BioResource and Agricultural Engineering (BRAE)

The following schedule is based on the 2017-2019 Catalog Year

Major Courses:
- BRAE 128: Careers in BioResource and Agricultural Engineering – (2 units)
  (Required of ASM majors their first Fall at Cal Poly. ONLY offered Fall quarter!)
- BRAE 216: (Fundamentals of Electricity) – (4 Units)
  (Required of ASM majors their first Fall at Cal Poly. ONLY offered Fall quarter!)
- BRAE 236: (Principles of Irrigation) – (4 Units)
  (Required of ASM majors their first Fall at Cal Poly. ONLY offered Fall quarter!)
- BRAE 129: Laboratory Skills and Safety – (1 unit)
- BRAE 133: Introduction to Engineering Design Graphics – (1 unit)
- BRAE 151: CAD for Agricultural Engineering – (1 unit)
- BRAE 152: 3-D Solids Modeling – (1 unit)
- BRAE 239: Engineering Surveying – (4 units)

Support Courses:
If you haven’t completed your math and physics, continue with the following sequence:
- MATH 141, 142, 143, 241, 244
Additionally, BRAE students should take the following during their first year:
- SS 121: Introductory Soil Science – (4 units) (if not already satisfied)

General Education (GE) Courses:
Refer to 2017-19 Cal Poly Catalog and PASS to see full listing of GE requirements and offerings.
Suggested Courses:
- Area A3: ENGL 149 (4 units)
- Area C4: Upper Division C Elective – (Select a C4 that also satisfies the GWR and USCP requirement to triple count this class)

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](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 PASS.

• United States Cultural Pluralism (USCP) requirement must be satisfied before graduation. You can search for classes in PASS that will allow you to satisfy both GE area and the USCP requirement.