### Summer Freshman Year:
**CEA Barcelona, Spain Engineering**
Cal Poly Affiliated Summer Programs

**Course List**
- Introduction to Materials Engineering Design (MATE 150)
- Calculus I (MATH 141)
- General Chemistry I (CHEM 124)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Spring Freshman Year:
**CEA Barcelona, Spain Engineering**
Cal Poly Affiliated Summer Programs

**Course List**
- Introduction to Design & Manufacturing (IME 146)
- Calculus II (MATH 142)
- General Physics I (PHYS 143)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Summer Sophomore Year:
**CEA Barcelona, Spain Engineering**
Cal Poly Affiliated Summer Programs

**Course List**
- Materials Engineering (MATE 210)
- Calculus III (MATH 241)
- General Physics II (PHYS 144)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Spring Sophomore Year:
**CEA Barcelona, Spain Engineering**
Cal Poly Affiliated Summer Programs

**Course List**
- Materials Laboratory I (MATE 235)
- Calculus IV (MATH 245)
- Physics II (PHYS 145)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Fall Junior Year:
**IEP Munich, Germany**
Cal Poly Affiliated Summer Programs

**Course List**
- Calculus III (MATH 245)
- Calculus IV (MATH 246)
- Physics II (PHYS 145)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Spring Junior Year:
**IEP Munich, Germany**
Cal Poly Affiliated Summer Programs

**Course List**
- Calculus IV (MATH 246)
- Physics II (PHYS 145)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Fall Senior Year:
**IEP Munich, Germany**
Cal Poly Affiliated Summer Programs

**Course List**
- Calculus IV (MATH 246)
- Physics II (PHYS 145)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

### Spring Senior Year:
**IEP Munich, Germany**
Cal Poly Affiliated Summer Programs

**Course List**
- Calculus IV (MATH 246)
- Physics II (PHYS 145)
- GE 4

**GE Courses**
- ENGL 133 or 135

**Expository Writing**
- ENGL 133 or 135

**Other Requirements**
- Completion of GE A

**Total Credits:** 16-18

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**Materials Engineering**

This major only offers courses once or twice a year, for this reason, summer programs work best with curriculum. Visit Study Abroad Advising to learn about your summer options!

If you are extending your graduation, meet with the IEP advisor to discuss other study abroad opportunities within our exchanges.

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To view courses, go to Step #3 select school, then Possible Course Credit