

# Social Sciences/Humanities (General Education) & Communication Requirements

## 2019-2020 Catalog

Each curriculum has specific General Education (GenEd) or Social Sciences & Humanities (SS/H) requirements, as listed below. In this list, a "sequence" of courses means either:

- Two courses in the same area, with one course being a prerequisite for the other (e.g., Soc 134 and 235)
- Two courses in the same area, with the two courses being continuous or related (e.g., Hist 201 and 202)

In addition to the requirements below, all students must complete the following as part of their overall SS/H (or general education) credits:

- Three credits approved as meeting ISU's U.S. Diversity requirement; and,
- Three credits approved as meeting ISU's International Perspective requirement
- Courses that are approved to meet these requirements are listed at the following university website:  
<http://www.registrar.iastate.edu/students/div-ip-guide>

Students may simultaneously fulfill SS/H, sequence requirements, U.S. Diversity, and International Perspective requirements by choosing SS/H courses that can fill multiple requirements. Note: the number of credits in the SS/H areas must still total 12 or 15 as established by each department.

Most departments have a department approved list of accepted SS/H courses on their website.

### **Aerospace Engineering (12 total credits)**

- Selected from a department-approved list
- Any elementary foreign languages must be taken as a full-year sequence to get credit for either course
- In addition to the above 12 SS/H electives, Engl 309 or 314 is a required technical communication course
- No skills courses (e.g., Music) or remedial courses unless approved by department
- Cannot include courses in engineering, physical or mathematical sciences, computer science, or 300-level technical elective courses unless approved by department

### **Agricultural Engineering (12 total credits)**

- Selected from department-approved list
- In addition to the above 12 SS/H electives, Sp Cm 212, Engl 309, Engl 314, AgEds 311, or MKT 450 are accepted as a required communication elective
- Students should carefully plan in order to meet the US Diversity and International Perspective requirements while completing their general education requirements

### **Biological Systems Engineering (12 total credits)**

- Selected from department-approved list
- In addition to the above 12 SS/H electives, Sp Cm 212, Engl 309, Engl 314, AgEds 311, or MKT 450 are accepted as a required communication elective
- Students should carefully plan in order to meet the US Diversity and International Perspective requirements while completing their general education requirements

### **Chemical & Biological Engineering (15 total credits)**

- Selected from department-approved list
- At least 6, but not more than 9, credits from the same department
- Any foreign language except 490, 491 or 499
- In addition to the above 15 SS/H electives, Engl 309, Engl 312, Engl 314, or JL MC 347 are accepted as a required communication elective

### **Civil Engineering (12 total credits)**

- Selected from department-approved list
- At least 6 must be at the 200-level or above
- In addition to the above 12 SS/H electives, Sp Cm 212 is a required communication course
- In addition to the above 12 SS/H electives, 3 credits of technical communication are also required

**Computer, Cyber Security, and Electrical Engineering (15 total credits)**

- 6 credits at the 300-level or above
- In addition to the above 15 SS/H electives, Engl 309 or 314 are accepted as a required technical communication elective

**Construction Engineering (12 total credits)**

- Must include one of the following: Psych 101, 230, 250 or 280 or Soc 134 as a required Psychology or Sociology elective
- Must include Econ 101 or 102
- In addition to the above 12 SS/H electives, Engl 302, 309 or 314 are accepted as a required business communication elective

**Industrial & Manufacturing Systems Engineering (12 total credits)**

- Must select from department-approved list
- At least one 6-credit sequence of prerequisite or related courses
- At least 6 credits at the 200-level or above
- In addition to the above 12 SS/H electives, Sp Cm 212 is a required communication elective
- In addition to the above 12 SS/H electives, Engl 314 is a required technical communication elective
- Students should carefully plan in order to meet the US Diversity and International Perspective requirements while completing their general education requirements

**Materials Engineering (12 total credits)**

- Must be department-approved
- Must take at least 3 credits at the 200+ level
- No more than 9 credits from one department/designator
- No skills courses (e.g., Kin, Music – choir or band) or remedial courses
- Cannot include courses in engineering, physics, chemistry, mathematics or 300+ level technical elective courses
- In addition to the above 12 SS/H electives, Engl 314, 302, 309 or JL MC 347 is required as a communication elective
- Students should carefully plan in order to meet the US Diversity and International Perspective requirements while completing their general education requirements

**Mechanical Engineering (15 total credits)**

- Selected from department-approved list
- Must include Econ 101 or 102
- At least 3 additional credits in social sciences
- 6 credits in humanities
- 3 additional credits in either social sciences or humanities
- No more than three 100-level courses
- In addition to the above 15 SS/H electives, Engl 302, 309, 314 or Sp Cm 212 are accepted as a required communication elective
- Students should carefully plan in order to meet the US Diversity and International Perspective requirements while completing their general education requirements

**Software Engineering (15 total credits)**

- Selected from approved Liberal Arts & Sciences general education lists in “arts and humanities” and “social sciences”
- Must include economics elective – Econ 101, Econ 102 or IE 305
- 6 credits in arts and humanities
- 3 credits in social sciences
- 3 credits from either arts and humanities or social sciences
- In addition to the above 15 SS/H electives, Sp Cm 212 is a required course
- In addition to the above 15 SS/H electives, Engl 309 or 314 is a required technical communication course

**Undeclared Engineering (Suggested for Maximum Flexibility)**

- At least 6 credits in social sciences and 6 credits in humanities
- At least one six-credit sequence in the same department
- Not more than 9 credits from one subject area
- No more than two 100-level courses
- At least 6 credits at the 300-level or above