

Social Sciences/Humanities (General Education) & Communication Requirements

2020-2021 Catalog

Each curriculum has specific General Education (GenEd) or Social Sciences & Humanities (SS/H) requirements, as listed below. In addition to these requirements, all students must also 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, 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 or 312, 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 or 312, 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
- 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, or 309 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