

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

## 2017-2018 Catalog

Each curriculum has specific General Education (GenEd) or Social Sciences & Humanities (SS/H) requirements, 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. Approved courses are listed at the following university website:

<http://www.registrar.iastate.edu/students/div-ip-guide>

- Three credits approved as meeting ISU's U.S. Diversity requirement; and,
- Three credits approved as meeting ISU's International Perspective requirement

### **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 314 is a required technical communication course
- No skills courses (e.g., Music) or remedial courses
- Cannot include courses in engineering, physical or mathematical sciences, computer science, or 300-level technical elective courses

### **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 343 are accepted as a required communication elective

### **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 343 are accepted as a required communication elective

### **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 Engineering and Electrical Engineering (15 total credits)**

- 6 credits at the 300-level or above
- Must have an approved educational objective
- Cannot include courses in engineering, computer science, physical or mathematical sciences
- 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 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)**

- Selected 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

### **Materials Engineering (15 total credits)**

- Must be department-approved
- Must take at least 6 credits at the 200+ level
- No more than 9 credits from one department
- 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
- Engl 314, 302, 309 or JL MC 347 is required as a communication elective. This can be taken as one of the general education electives or as the free elective

### **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
- Student 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 humanities
- 3 credits in social sciences
- 3 credits from either humanities or social sciences
- History/culture foreign language courses at the 300-IV and above are accepted, but not language courses (e.g., 301, 303)
- In addition to the above 15 SS/H electives, Sp Cm 212 is a required communication elective
- 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

Additional courses may be accepted by individual curricula in accordance with approved lists available from the administering department. **We encourage students to obtain the departmental approved lists and requirements as soon as possible – most are on each department’s website.** In regard to completion of SS/H, U.S. Diversity (USD) and International Perspective (IP) courses: students may simultaneously fulfill SS/H, sequence requirements, USD, and IP requirements by choosing SS/H courses that are also accepted as USD and IP courses. Note: the number of credits in the SS/H areas must still total 12 or 15 as established by each department.

Social Sciences and Humanities/General Education Courses  
Accepted by Engineering  
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<p><u>African American Studies (AF AM)</u> <b>201<sup>1</sup></b>, 330<sup>1</sup>, <b>347<sup>1</sup></b>, 350<sup>1</sup>, <b>353<sup>1</sup></b>, <b>354<sup>1</sup></b></p> <p><u>American Indian Studies (AM IN)</u> <b>210<sup>1</sup></b>, 322<sup>1</sup>, 323, <b>328<sup>1</sup></b>, <b>342<sup>1</sup></b>, <b>346<sup>1</sup></b></p> <p><u>Anthropology (ANTHR)</u> 201<sup>2</sup>, 306<sup>2</sup>, 309<sup>2</sup>, 313<sup>2</sup>, 322<sup>1</sup>, 340<sup>2</sup>, 411<sup>2</sup>, 444</p> <p><u>Architecture (ARCH)</u> <b>221<sup>2</sup></b>, <b>222<sup>2</sup></b>, <b>420<sup>1</sup></b>, <b>422<sup>2</sup></b>, <b>423<sup>2</sup></b>, <b>424</b>, <b>425</b>, <b>426<sup>1</sup></b>, <b>427<sup>2</sup></b></p> <p><u>Art History (ART H)</u> <b>280<sup>2</sup></b>, <b>281<sup>2</sup></b>, <b>382<sup>2</sup></b>, <b>383</b>, <b>385</b>, <b>481<sup>2</sup></b></p> <p><u>Biology (BIO)</u> 307<sup>1</sup></p> <p><u>Classical Studies (CL ST)</u> <b>273<sup>2</sup></b>, <b>275<sup>2</sup></b>, <b>353<sup>2</sup></b>, <b>372<sup>2</sup></b>, <b>373<sup>2</sup></b>, <b>374<sup>2</sup></b>, <b>376<sup>2</sup></b>, <b>394<sup>2</sup></b></p> <p><u>Community and Regional Planning (C R P)</u> 291<sup>2</sup></p> <p><u>Economics (ECON)</u> 101, 102, 301, 302, 320<sup>2</sup>, 321<sup>1</sup>, 355<sup>2</sup>, 370<sup>2</sup>, 380, 385<sup>2</sup></p> <p><u>English (ENGL)</u> <b>201</b>, <b>237</b>, <b>240<sup>1</sup></b>, <b>330</b>, <b>335</b>, <b>340<sup>1</sup></b>, <b>344<sup>1</sup></b>, <b>345<sup>1</sup></b>, <b>346<sup>1</sup></b>, <b>347<sup>1</sup></b>, <b>349<sup>1</sup></b>, <b>353<sup>2</sup></b>, <b>354<sup>2</sup></b>, <b>364</b>, <b>370<sup>2</sup></b>, <b>373</b>, <b>374<sup>2</sup></b>, <b>375<sup>2</sup></b>, <b>376<sup>2</sup></b>, <b>378</b>, <b>389<sup>2</sup></b>, <b>420</b>, <b>422<sup>1</sup></b>,</p> <p><u>Environmental Studies (ENV S)</u> 342<sup>2</sup>, 345<sup>2</sup>, 382, 484</p> <p><u>History (HIST)</u> All 200 and 300-level <b>225<sup>1</sup></b> all CoE except ABE</p> <p><u>Human Development and Family Studies (HD FS)</u> 239<sup>1</sup>, <b>240<sup>1</sup></b>, 276<sup>1</sup>, 377<sup>1</sup></p>	<p><u>Journalism and Mass Communication (JL MC)</u> <b>461</b>, <b>464</b>, 474<sup>2</sup>, 476<sup>2</sup>, <b>477<sup>1</sup></b></p> <p><u>Liberal Arts and Sciences Cross-Disciplinary Studies (LAS)</u> <b>385<sup>2</sup></b> all CoE</p> <p><u>Music (MUSIC)</u> <b>102<sup>2</sup></b>, <b>383<sup>2</sup></b>, <b>384<sup>2</sup></b>, <b>472<sup>1</sup></b></p> <p><u>Philosophy (PHIL)</u> All except 206, 207, 490, 492 (i.e. <b>201</b>, <b>235<sup>1</sup></b>, <b>338<sup>1</sup></b>)</p> <p><u>Political Science (POL S)</u> All except 101, 298, 301, 417, 430, 475, 476, 490-499 (i.e. 215, 241<sup>2</sup>, 251<sup>2</sup>, 349<sup>2</sup>, 350<sup>2</sup>, 385<sup>1</sup>, 452<sup>2</sup>)</p> <p><u>Psychology (PSYCH)</u> 101, 230, 280, 314, 346<sup>1</sup>, 381</p> <p><u>Religious Studies (RELIG)</u> All except 340, 490, 491 (i.e. <b>205<sup>2</sup></b>, <b>210<sup>1</sup></b>, <b>242<sup>2</sup></b>, <b>323<sup>2</sup></b>, <b>328<sup>1</sup></b>, <b>334<sup>1</sup></b>, <b>336<sup>1</sup></b>, <b>352<sup>2</sup></b>, <b>356<sup>2</sup></b>)</p> <p><u>Sociology (SOC)</u> 134, 219, 235<sup>1</sup>, 241, 305, 310, 325, 327<sup>1</sup>, 328<sup>1</sup>, 330<sup>1</sup>, 331<sup>1</sup>, 332<sup>1</sup>, 334, 340, 345<sup>2</sup>, 380, 381, 382, 411<sup>2</sup>, 415, 420, 435, 485</p> <p><u>Technology and Social Change (T SC)</u> 341, 342<sup>2</sup></p> <p><u>US Latino/a Studies (US LS)</u> <b>211<sup>1</sup></b></p> <p><u>Women's Studies (W S)</u> <b>201<sup>1</sup></b>, 203<sup>1</sup>, <b>301<sup>2</sup></b>, 307<sup>1</sup>, 321<sup>1</sup>, 323<sup>1</sup>, 327<sup>1</sup>, <b>336<sup>1</sup></b>, <b>338<sup>1</sup></b>, <b>340<sup>1</sup></b>, <b>342<sup>1</sup></b>, <b>345<sup>1</sup></b>, 346<sup>1</sup>, <b>350<sup>1</sup></b>, 370<sup>2</sup>, 374<sup>2</sup>, <b>380<sup>1</sup></b>, 385<sup>1</sup>, <b>386<sup>1</sup></b></p> <p><u>World Languages and Cultures (WLC)</u> All except F Lng 486, 487, 491 (<b>102<sup>2</sup></b>, <b>201<sup>2</sup></b>, <b>202<sup>2</sup></b> any foreign language) (Software Engr does not accept lang courses; see ABE dept-specific list for A E and BSE)</p>
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Notes: <sup>1</sup>Indicates course meets "U.S. Diversity Requirement"

<sup>2</sup>Indicates course meets "International Perspectives Requirement"

Courses listed in **bold** are humanities; courses listed in plain type are social sciences