Each curriculum has specific General Education (GenEd) or Social Sciences & Humanities (SSH) 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 social sciences and humanities (or general education) credits. These courses are listed at the following university website: http://www.registrar.iastate.edu/students/div-ip-guide

- A three-credit course approved as meeting ISU's U.S. Diversity requirement; and,
- A three-credit course approved as meeting ISU's International Perspective requirement

**Aerospace Engineering (15 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
- A 6 credit (2 course) area of emphasis is required (does not have to be in the same dept.)
- No skills courses (Ex Sp, Music) or remedial courses
- Cannot include courses in engineering, physical or mathematical sciences, computer science, or 300-level technical elective courses
- 200-level life science courses or business courses not counting as a technical elective may be considered if part of career goal, but must have permission of department prior to enrollment

**Agricultural Engineering (12 total credits)**

- Selected from department-approved list
- In addition to the above 12 SSH 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 SSH 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, 493, or 497
- In addition to the above 15 SSH 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 SSH electives, Sp Cm 212 is a required communication course
- In addition to the above 12 SSH 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 general education electives, Engl 309 or 314 are accepted as a required technical communication elective

**Construction Engineering (12 total credits)**

- Must include Psych 101, 230 or 280 or Soc 134
- Must include Econ 101 or 102
- In addition to the above 12 SSH 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 SSH electives, Sp Cm 212 is a required communication elective
- In addition to the above 12 SSH 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
- A 6 credit area of emphasis is required
- No skills courses (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 elective credits 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
- No more than three 100-level courses
- In addition to the above 15 SSH electives, Engl 302, 309, 314 or Sp Cm 212 are accepted as a required communication elective

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-lvl and above are accepted, but not language courses (e.g., 301, 303)
- In addition to the above 15 general education electives, Sp Cm 212 is a required communication elective
- In addition to the above 15 general education electives, Engl 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 the department's website. In regards to simultaneous coverage of SSH/GenEd, Diversity (D) and International Perspectives (I) courses, students may simultaneously fulfill SSH/GenEd, sequence requirements and Int Persp, and Div requirements by choosing courses that have I and D coverage, but the number of credits in the SSH/GenEd areas must still total 12 or 15 as established by the degree program.
# Social Sciences and Humanities/General Education Courses
## Accepted by Engineering
### 2015-2016 Catalog

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

Notes:  
1<sup>Indicates course meets "U.S. Diversity Requirement"</sup>  
2<sup>Indicates course meets "International Perspectives Requirement"</sup>  
Courses listed in **bold** are humanities; courses listed in plain type are social sciences