Bachelor of Science in Engineering, BSE

General Education Component

The General Education Component promotes understanding of and appreciation for arts, community, culture, and learning through coursework.

Students who enter the College of Engineering with a BA or BS degree are considered to have satisfied the General Education Component.

Students who enroll in a combined degree program in the College of Engineering and with the College of Liberal Arts and Sciences or with the Tippie College of Business must complete all requirements for both degrees, including all general education requirements. Students are encouraged to complete a course for the Engineering Be Creative requirement that will satisfy a general education requirement for the second college; see Engineering Be Creative section below.

General Education Areas

Students are required to complete 19 s.h. of the General Education Component as outlined below. Some focus areas in certain majors may recommend or require specific courses to fulfill the General Education Component. Credit may be earned by examination; consult the College of Engineering.

- Rhetoric [p. 1] (4 s.h.)
- Engineering Be Creative [p. 1] (3 s.h.)
- Diversity, Equity, and Inclusion [p. 2] (3 s.h.)
- Approved Course Subjects [p. 2] (9 s.h.)

Rhetoric

Course #    Title                        Hours
This course: RHET:1030 Rhetoric         4

Transfer students should refer to the Rhetoric section of the GE CLAS Core (College of Liberal Arts and Sciences) in the catalog for information about how transfer credit may affect the Rhetoric requirement.

Engineering Be Creative

Students must complete at least 3 s.h. selected from the courses listed below. Note that not all courses are offered every semester. Some courses will have sections designated for students with a major in the College of Engineering.

If a course has prerequisites listed, students wishing to take the course for the Engineering Be Creative requirement will need to request that prerequisites be waived by completing the "Request Prerequisite Special Permission" form on MyUI. This form should be completed several weeks prior to registration. Contact the College of Engineering for more information.

The following courses satisfy the Engineering Be Creative requirement.

Course #    Title                              Hours
ANIM:2125  Introduction to Animation         3
ARTS:1060  Elements of Digital Photography  3
ARTS:1510  Basic Drawing                     3
ARTS:1520  Design Fundamentals              3
CERM:2010  Ceramics I: Handbuilding          3
CINE:1100  The Art of Smartphone Filmmaking  3
CINE:1150  Introduction to Screenwriting for Nonmajors 3
CINE:1834/THTR:1834 Modes of Film and Video Production 4
CNW:1620  Introduction to Creative Nonfiction 3
CNW:2680  The Art and Craft of Creative Nonfiction 3
CNW:2700  The Art and Craft of Personal Writing 3
CNW:2720  The Art and Craft of Writing About Culture 3
CNW:2730  The Art and Craft of Science Writing 3
CNW:2740  The Art and Craft of Writing about the Environment 3
CNW:2770  The Art and Craft of Writing for New Media 3
CNW:2780  The Art and Craft of Writing About Sports 3
CNW:2790  The Art and Craft of Humor Writing 3
CNW:2830  The Art and Craft of Immersion Journalism 3
CNW:2840  The Art and Craft of Travel Writing 3
CNW:2850  The Art and Craft of Writing About Politics 3
CNW:2910  Writing for Applications and Awards 3
CNW:3632/WRIT:3632 Prose Style             3
CNW:3640  Writing for Business              3
CW:2100  Creative Writing                   3
CW:2870  Fiction Writing                    3
CW:2875  Poetry Writing                     3
CW:3003  Writing and Reading Science Fiction 3
CW:3107/INTD:3107 Creative Writing for the Health Professions 3
CW:3215/INTD:3300 Creative Writing and Popular Culture 3
CW:3218/INTD:3200 Creative Writing for New Media 3
CW:4745/WRIT:4745 The Sentence: Strategies for Writing 3
CW:4751  Creative Writing for the Musician  3
CW:4760/WRIT:4760 The Art of Revision: Rewriting Prose for Clarity and Impact 3
DANC:1055  Creativity in Motion             3
DANC:1150/LAS:1150 Brazilian Culture and Carnival 3
DANC:2060  Dance and Society in Global Contexts 3
DANC:2090  Lighting Design for Engineers and Dancers 3
DSGN:2500  Graphic Design I                 3
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BKAT:3280</td>
<td>Letterpress</td>
<td>3</td>
</tr>
<tr>
<td>BKat:3380</td>
<td>Letterpress</td>
<td>3</td>
</tr>
<tr>
<td>UICB:3380</td>
<td>Letterpress</td>
<td>3</td>
</tr>
<tr>
<td>UICB:4100</td>
<td>Paperworks</td>
<td>3</td>
</tr>
<tr>
<td>BKat:4100</td>
<td>Paperworks</td>
<td>3</td>
</tr>
<tr>
<td>UICB:4340</td>
<td>Digital Design for Artists' Books</td>
<td>3</td>
</tr>
<tr>
<td>ARTS:4340</td>
<td>Digital Design for Artists' Books</td>
<td>3</td>
</tr>
<tr>
<td>UICB:4415</td>
<td>Introduction to Classical Calligraphy</td>
<td>3</td>
</tr>
<tr>
<td>ARTS:4415</td>
<td>Introduction to Classical Calligraphy</td>
<td>3</td>
</tr>
<tr>
<td>WRIT:3005</td>
<td>Professional and Creative Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>CW:3005</td>
<td>Professional and Creative Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>INTD:3005</td>
<td>Professional and Creative Business Communication</td>
<td>3</td>
</tr>
<tr>
<td><strong>Diversity, Equity, and Inclusion</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students complete at least 3 s.h. from the GE CLAS Core areas of Diversity and Inclusion or Values and Culture.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>The College of Engineering will accept transfer credit for the Diversity, Equity, and Inclusion requirement. Students enrolled in other University of Iowa undergraduate degree programs should be aware that transfer credit may not be accepted for similar requirements in other colleges.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Approved Course Subjects</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students complete 9 s.h. of coursework from any of the course subjects below.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>College of Law</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students may choose from University of Iowa Center for Human Rights courses (prefix HRTS); view the courses and descriptions in the corresponding College of Law section of the catalog.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>College of Liberal Arts and Sciences</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Students may choose from courses in the following areas:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>African American studies (prefix AFAM); aging and longevity studies (prefix ASP); American Sign Language (prefix ASL or ASLE); American studies (prefix AMST); anthropology (prefix ANTH); Arabic (prefix ARAB); art and art history (prefix ANIM, ARTE, ARTH, ARTS, BKAT, DSGN, DRAW, INTM, MTLs, PHTO, PNTG, PRNT, SCLP, or TDSN) with the exception of ceramics; Asian and Slavic languages and literatures (prefix ASIA, CHIN, JPNS, KORE, or RUSS) with the exception of South Asian studies; cinematic arts (prefix CINE); classics (prefix CLSA, CLSG, or CLSL); communication sciences and disorders (prefix CSD); communication studies (prefix COMM); creative nonfiction writing (prefix CNW); creative writing (prefix CW); criminology, law and justice (prefix CRIM); critical cultural competence (prefix CCCC); dance (prefix DANC); digital arts (prefix DIGA); disability studies (prefix DST); English (prefix ENGL); event planning (prefix EVNT); French (prefix FREN); gender, women’s, and sexuality studies (prefix GWSS); geography (prefix GEOG); German (prefix GRMN); global health studies (prefix GHS); history (prefix HIST); international studies (prefix IS); Italian (prefix ITAL); journalism and mass communication (prefix JMC); Latin American studies (prefix LAS);</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Latina/o/x studies (prefix LATS);
linguistics (prefix LING);
medieval studies (prefix MDVL);
museum studies (prefix MUSM);
music (prefix MUS);
Native American and Indigenous studies (prefix NAIS);
philosophy (prefix PHIL);
political science (prefix POLI);
Portuguese (prefix PORT);
psychology (prefix PSY);
religious studies (prefix RELS);
rhetoric (prefix RHET) numbered 2000 or above;
social justice (prefix SJUS);
social work (prefix SSW);
sociology (prefix SOC);
Spanish (prefix SPAN);
sport and recreation management (prefix SRM);
sport studies (prefix SPST);
Swahili (prefix SWAH);
theatre arts (prefix THTR);
therapeutic recreation (prefix TR);
world languages, literatures and cultures (prefix CL or WLLC); and
writing (prefix WRIT).

View the courses and descriptions in the corresponding College of
Liberal Arts and Sciences section of the catalog.

**Graduate College**

Students may choose from courses in urban and regional planning
(prefix URP) in the School of Planning and Public Affairs; view
the courses and descriptions in the corresponding Graduate College
section of the catalog.

**Tippie College of Business**

Students may choose from courses in economics (prefix ECON),
entrepreneurship (prefix ENTR), management and entrepreneurship
(prefix MGMT), and marketing (prefix MKTG); view the courses and
descriptions in the corresponding Tippie College of Business section
of the catalog.

**University College**

Students may choose from courses in aerospace studies (prefix
AERO), leadership studies (prefix LS), and military science (prefix
MILS); view the courses and descriptions in the corresponding
University College section of the catalog.