

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 the "Engineering Be Creative" section.

General Education Areas

Students are required to complete 19 sh. of the General Education Component as outlined. 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.)
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- Cultural Perspectives, Values, and Society [p. 2] (3 s.h.)
- Approved Course Subjects [p. 2] (9 s.h.)

Rhetoric

Course #	Title	Hours
This course:		
RHET:1030	Rhetoric: Writing and Communication	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 following courses. 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
ARTS:1060	Elements of Digital Photography	3
ARTS:1510	Basic Drawing	3
ARTS:1520	Design Fundamentals	3
ARTS:2300	Hand Drawing Bicycles for Designers and Engineers	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/ ENGL:2730	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:2910	Writing for Applications and Awards	3
CNW:3632/ ENGL:3732/ 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:1150/ LAS:1150	Brazilian Culture and Carnival	3
DANC:2060	Dance and Society in Global Contexts	3
DSGN:2500	Graphic Design I	3
EDTL:4355/ CNW:4355	Approaches to Teaching Writing	3
MTLS:2910	Introduction to Jewelry and Metal Arts	3
MUS:1007	Garage Band: The Basics	2
MUS:1012	Creativity in Music	3
MUS:2800/ ARTS:2800/ CINE:2800/CS:2800/ DANC:2800/ DIGA:2800/ THTR:2800	Digital Arts: An Introduction	3
MUS:3285/ DIGA:3285	New Musical Instruments: From Design to Performance	3
PHTO:2600	Photography I	3
PNTG:2410	Painting I	3
PRNT:2610	Introduction to Printmaking	3
SCLP:2810	Undergraduate Sculpture I	3
SCLP:3840/ DIGA:3840	Robotic Art Studio	4
SCLP:4835/ DIGA:4835	Electronic Objects and Spaces	4
SCLP:4840/ DIGA:4840	Air, Actuators, and Motors	4
TDSN:2210	Introduction to 3D Design	3
THTR:1140	Basic Acting	3
THTR:2215	Theatre Technology	3
THTR:2220	Production Lab	1-3
THTR:2301	Playwriting I	3
THTR:2610/ RHET:2610	Acting for Success	3
THTR:2620	Improvisation for Engineers, Scientists, and the Curious	3
THTR:2880/ DANC:2880/ DIGA:2880	Installations and Interactive Performance	3
THTR:2890/ DANC:2890/ DIGA:2890	Producing and Directing Digital Video	3
THTR:3202	Graphic Design for the Entertainment Industry	2-3
THTR:3208	Mask and Puppet Crafts	3
THTR:3210	Makeup Design for the Stage	3
THTR:3230/ ARTS:3230	Scenic Design I	3
THTR:3240	Costume Design I	3
THTR:3250	Lighting Design I	3
THTR:3260	Sound Design for the Theatre	3
THTR:3270	Entertainment Design	3
THTR:3876/ CINE:3876/ DANC:3876/ DIGA:3876/ INTM:3876	Projection Design	3

THTR:4270/ ARTS:4270	Scenic Art	3
UICB:2110/ BKAT:2110	Introduction to Book Arts	3
UICB:3280/ BKAT:3280	Elements of Book Art	3
UICB:3380/ BKAT:3380	Letterpress	3
UICB:4100/ BKAT:4100	Paperworks	3
UICB:4415/ ARTS:4415	Introduction to Classical Calligraphy	3
WRIT:3005/ CW:3005/ INTD:3005	Professional and Creative Business Communication	3

Cultural Perspectives, Values, and Society

Students complete at least 3 s.h. from the GE CLAS Core areas of Understanding Cultural Perspectives or Values and Society.

The College of Engineering will accept transfer credit for the Cultural Perspectives, Values, and Society 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.

Approved Course Subjects

Students complete 9 s.h. of coursework from any of the following course subjects.

College of Law

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.

College of Liberal Arts and Sciences

Students may choose from courses in the following areas:

African American studies (prefix AFAM);
aging and longevity studies (prefix ASP);
American studies (prefix AMST);
anthropology (prefix ANTH);
art, art history, and design (prefix ARTE, ARTH, ARTS, BKAT, DSGN, DRAW, INTM, MTLS, PHTO, PNTG, PRNT, SCLP, or TDSN) with the exception of ceramics;
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);
gender, women's, and sexuality studies (prefix GWSS);
global health studies (prefix GHS);
history (prefix HIST and JSTU);
journalism and mass communication (prefix JMC);

languages, linguistics, literatures, and cultures (prefix ARAB, ASIA, ASL, ASLE, CHIN, CL, FREN, GRMN, IS, ITAL, JPNS, KORE, LING, RUSS, SWAH, and WLLC, with the exception of SOAS);
Latina/o/x studies (prefix LATS);
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);
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, Portuguese, and Latin American studies (prefix LATS, PORTS, and SPAN);
sport and recreation management (prefix SRM);
sport media and culture (prefix SMC);
sport studies (prefix SPST);
theatre arts (prefix THTR);
therapeutic recreation (prefix TR); 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), management and entrepreneurship (prefixes ENTR and 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.