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; visit the "Engineering Be Creative" section.

General Education Areas

Students are required to complete 19 s.h. 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 (4 s.h.)
- Engineering Be Creative (3 s.h.)
- Cultural Perspectives, Values, and Society (3 s.h.)
- Approved Course Subjects (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: Foundations for Nonmajors	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	Introduction to Coding for Interactive Arts	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:3208	Mask and Puppet Design	3
THTR:3210	Makeup and Hair Design for Stage, Film, and New Media	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.

Academic Unit	Course Subject Prefixes
College of Law	
Center for Human Rights	HRTS
College of Liberal Arts and Sciences	
American Studies	AFAM, AMST, GWSS, LATS, NAIS, SJUS, SPST
Anthropology	ANTH, GHS
Art, Art History, and Design	ARTE, ARTH, ARTS, BKAT, CERM, DRAW, DSGN, INTM, MTLS, PHTO, PNTG, PRNT, SCIM, SCLP, TDSN
Cinematic Arts	CINE
Classics and Religious Studies	CLSA, CLSG, CLSL, JSTU, MUSM, RELS
Communication Sciences and Disorders	CSD
Communication Studies and Rhetoric	COMM, RHET (2000 level or above)
Dance	DANC
English	CNW, CW, ENGL
Journalism and Mass Communication	EVNT, JMC, SMC, WRIT
Health, Sport, and Human Physiology	DST, SRM, TR
History	HIST, MDVL
Languages, Linguistics, Literatures, and Cultures	ARAB, ASIA, ASL, ASLE, CHIN, CL, FREN, GRMN, IS, ITAL, JPNS, KORE, LING, RUSS, SWAH, WLLC
Music	MUS
Philosophy	PHIL
Political Science	POLI
Psychology	PSY

Social Work	ASP, CCCC, SSW
Sociology and Criminology	CRIM, SOC
Spanish and Portuguese	LAS, PORT, SPAN
Theatre Arts	DIGA, THTR
Graduate College	
Urban and Regional Planning	URP
Tippie College of Business	
Accounting	ACCT
Economics	ECON
Finance	FIN
Management and Entrepreneurship	ENTR, MGMT
Marketing	MKTG
University College	
Aerospace Studies	AERO
Leadership Studies	LS
Military Science	MILS