

Department of Aerospace Engineering Approved General Education Electives (for use with the 2025-present ISU Catalog)

All Aerospace Engineering majors must take 12 credits of General Education (GEN ED) courses. Students are encouraged to select GEN ED courses that broaden their academic program. Courses in the social sciences (sociology, anthropology, journalism and mass communication, economics, political science, human development and family studies, psychology) or humanities (architecture, literature, foreign language, philosophy, religion, history) are especially encouraged. Courses used to satisfy the GEN ED requirement must satisfy the following rules:

1. The course may not be remedial – courses must be at the 100+ level.
2. You may not use an orientation course from another department (for example BUSAD 103).
3. No engineering skills courses may be used. Sports classes are not allowed, such as bowling, golf, swimming, and tennis are not allowed; music courses focused on playing an instrument or participating in band or choir are not allowed; art classes focused on the mechanics of drawing or painting or taking pictures are not allowed; language or speech classes focused on the mechanics of writing or speaking are not allowed; etc.
4. Courses must be taken for a letter grade – P/NP credits are not allowed.
5. At least one course must come from the College of Liberal Arts and Sciences (LAS) Area I - Arts and Humanities or Area III - Social Sciences approved course list
6. 100-level reading/writing, listening/speaking World Language courses must be taken as a year sequence to apply credit for either class toward graduation.

The University also requires that students take at least one class (3 credits) in the area of U.S. Cultures and Communities and at least one class (3 credits) in the area of International Perspectives. In most cases, courses used to meet the U.S. Cultures and Communities and International Perspectives requirements can also be used to fulfill GEN ED requirements. However, if the chosen U.S. Cultures and Communities or International Perspective course is not on the following GEN ED list, then additional GEN ED credits must be taken to meet the minimum 12 GEN ED credits.

Additional Notes:

- Only undergraduate courses are listed in this document. Graduate level courses will be considered on a case-by-case basis

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[Link to LAS approved course list from Area I - Arts and Humanities Area III - Social Sciences](#)

ABE 3880/ CE 3880/ EE 3880 - Sustainable Engineering and International Development

ACCT 2150 - Legal Environment of Business

AESHM 4210 - Developing Global Leadership: Maximizing Human Potential

AFAM 4600 - Seminar in African American Culture

AFAM 4900 - Independent Study

AFAS 4410 - National Security Studies

AFAS 4420 - Preparation for Active Duty

AGRON 1600/ ENVS 1600/ GEOL 1600/ MTEOR 1600 - Water Resources of the World

AGRON 4040/ ENSCI 4040/ ENVS 4040/ MTEOR 4040 - Global Change

AMD 3720 - Sourcing and Global Issues

AMIN 4900 - Independent Study

ANS 2070 - The Art and Heritage of Livestock

ANTHR 2020 - Human Origins

ANTHR 3070 - Biological Anthropology

ANTHR 3190 - Skeletal Biology

ANTHR 3280 - Archaeological Discovery and Analysis

ANTHR 3760A/ CLST 3760A - Classical Archeology: Bronze Age and Early Iron Age Greece

ANTHR 3760B/ CLST 3760B - Classical Archeology: Archaic through Hellenistic Greece (ca 700-30 BCE)

ANTHR 3760C/ CLST 3760C - Classical Archaeology: Roman Archaeology (ca 1000 BCE-400 CE)

ANTHR 4190A - Topics in Cultural Anthropology: Theory

ANTHR 4190B - Topics in Cultural Anthropology: Methods

ANTHR 4190C - Topics in Cultural Anthropology: Regional Focus

ANTHR 4190D - Topics in Cultural Anthropology: Others

ANTHR 4240 - Forensic Anthropology

ANTHR 4250 - Professional Preparation in Anthropology

ANTHR 4290 - Topics in Archaeological Laboratory Methods and Techniques: Archaeological Field School

ANTHR 4340A - Internship: Archaeology

ANTHR 4340B - Internship: Cultural Anthropology

ANTHR 4340C - Internship: Biological Anthropology

ANTHR 4340D - Internship: Linguistic Anthropology

ANTHR 4450 - Biological Field School

ANTHR 4510A - Practicum in Anthropology: Archaeology

ANTHR 4510B - Practicum in Anthropology: Cultural Anthropology

ANTHR 4510C - Practicum in Anthropology: Biological Anthropology

ANTHR 4510D - Practicum in Anthropology: Linguistic Anthropology

ANTHR 4820A - Topics in Biological Anthropology: Paleoanthropology

ANTHR 4820B - Topics in Biological Anthropology: Primate Cognition

ANTHR 4820C - Topics in Biological Anthropology: Primate Conservation

ANTHR 4820D - Topics in Biological Anthropology: Population Genetics and Human Evolution

ANTHR 4900A - Independent Study: Archaeology

ANTHR 4900B - Independent Study: Cultural Anthropology

ANTHR 4900C - Independent Study: Biological Anthropology

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ANTHR 4900D/ LING 4900D - Independent Study: Linguistic Anthropology

ANTHR 4900H - Independent Study: Honors

ARABC 1020 - Elementary Arabic II

ARCH 4020 - Architectural Design VI

ARTGR 3880 - Graphic Design History/Theory/ Criticism II

ARTH 2810 - History of Art II

ARTH 3830/ CLST 3830 - Greek and Roman Art

ARTH 3840 - Art of Islam

ARTH 3850 - Renaissance Art

ARTH 4860 - Art History Field Study

ARTH 4890 - History of Comics

ARTH 4900 - Independent Study

ARTH 4910 - Art History in Europe Seminar

ARTH 4920 - Art History In Europe

ASL 2750 - Topics in Deaf Culture

BIOL 1730/ ENVS 1730 - Environmental Biology

BIOL 2010/ ENSCI 2010/ ENVS 2010 - Introduction to Environmental Issues

CHIN 1010 - Elementary Mandarin Chinese I

CHIN 1020 - Elementary Mandarin Chinese II

CHIN 2010 - Intermediate Mandarin Chinese I

CHIN 2020 - Intermediate Mandarin Chinese II

CHIN 3010 - Advanced Mandarin Chinese I

CHIN 3020 - Advanced Mandarin Chinese II

CHIN 4900 - Independent Study

CHIN 4990 - Internship in Chinese

CJ 4600/ SOC 4600 - Criminal and Juvenile Justice Internship

CLST 2730 - Greek and Roman Mythology

CLST 3720 - Greek and Roman Tragedy and Comedy

CLST 3730 - Heroes of Greece, Rome, and Today

CLST 4900 - Independent Study

COMST 2140 - Professional Communication

COMST 3130 - Leadership Communication Theories

COMST 3300 - Communication in a Digital World

CRP 3200 - Urban Geography

CRP 4170 - Urban Revitalization

CRP 4840/ ENVS 4840 - Sustainable Communities

ECON 1010L - Laboratory in Principles of Microeconomics

ECON 2350 - Introduction to Agricultural Markets

ECON 4160 - Industrial Organization

ECON 4370 - Commodity Marketing and Risk Management

ECON 4550 - International Trade

ECON 4570 - International Finance

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ECON 4600 - Agricultural, Food, and Trade Policy
ECON 4660 - Agricultural Finance
ECON 4800 - Intermediate Environmental and Resource Economics
EDUC 2040 - Social Foundations of Education in the United States: Secondary
EDUC 4060 - Teaching and Learning in a Pluralistic Society: Secondary
EDUC 4200/ USLS 4200 - Bilingualism & The Education of Latinx Youth
EDUC 4800A/ HIST 4800A - Pre-Student Teaching Experience III: History/Social Sciences
EDUC 4980/ HIST 4980 - Methods of Teaching History/Social Sciences
ENGL 3080/ WGS 3080 - Write Like a Woman
ENGL 4600/ WGS 4600 - Seminar in Gender and Ethnicity
ENGR 2650 - Survey of the Impacts of Engineering Activity
ENGR 3200 - International Experience Report
ENGR 3270 - Voices of Public Policy
ENSCI 3240/ ENV5 3240/ GEOL 3240/ MTEOR 3240 - Energy and the Environment
ENV5 1010/ GEOL 1010 - Environmental Geology: Earth in Crisis
ENV5 2700/ LA 2700/ NREM 2700 - Foundations in Natural Resource Policy and History
FRNCH 1010 - Elementary French I
FRNCH 1020 - Elementary French II
FRNCH 2010 - Intermediate French I
FRNCH 3010 - Language, Culture, Contexts
FRNCH 3020 - Text and Media Analysis
FRNCH 3050 - French Conversation
FRNCH 4900 - Independent Study
FRNCH 4990 - Internship in French
FSHN 2420 - The US Food System
GER 1010 - Elementary German I
GER 1020 - Elementary German II
GER 2010 - Intermediate German I
GER 2020 - Intermediate German II
GER 3010 - Reading
GER 3020 - Composition
GER 3050 - Conversation
GER 3950 - Study Abroad
GER 4900 - Independent Study
GER 4990 - Internship in German
GERON 2340/ HDFS 2340 - Adult Development
GERON 3730/ HDFS 3730 - Death as a Part of Living
GERON 3780/ HDFS 3780 - Retirement Planning and Employee Benefits
GERON 463 - Envir For The Aging
GLOBE 3030 - Agricultural, Food and Natural Global Resource Systems
GLOBE 3040 - Socio-Economic Global Resource Systems
HDFS 2270 - Adolescence and Emerging Adulthood

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HDFS 2490 - Parenting and Family Diversity Issues
HDFS 3600 - Housing and Services for Families and Children
HDFS 3670 - Abuse and Illness in Families
HIST 1000P - Advanced Placement-World History
HIST 1950 - Introduction to History
HIST 4900 - Independent Study
HIST 4950 - Historiography and Research Writing
HS 1100 - Personal and Consumer Health
HS 3100 - Community and Public Health
HSCI 1500 - Dialogues on Diversity
HSPM 2600 - Global Tourism Management
IALL 4900 - Undergraduate Independent Study
INDD 2800 - History of Industrial Design
INDD 3800 - History and Culture of Objects
JLMC 4600 - Law of Mass Communication
KIN 3650 - Sport Psychology
LA 2720 - Landscape Studies
LA 2740 - The Social and Behavioral Landscape
LAS General Education Area I Arts and Humanities Coursework
LAS General Education Area III Social Sciences Coursework
LATIN 1010 - Elementary Latin I
LATIN 1020 - Elementary Latin II
LATIN 4900 - Independent Study
LDST 2910B - Leading Change: U.S. Diversity
LING 2070/ PHIL 2070 - Introduction to Symbolic Logic
LING 3520/ SPAN 3520 - Spanish Pronunciation
MATE 3910 - Introduction to US Women's Roles in Industry and Preparation for Summer Study
ME 4840/ MKT 4840/ WLC 4840 - Technology, Globalization and Culture
MGMT 4720 - Diversity, Equity, and Inclusion in Organizations
MKT 3400 - Principles of Marketing
MUSIC 3670 - Choral Literature
NS 3210 - Evolution of Warfare
PHIL 4900 - Independent Study
PHIL 4920 - Graduating Senior Survey
POL S 215P - Advpl-Amer Governmt
POLS 2980 - Cooperative Education
POLS 3970 - International Study and Travel
POLS 3980 - Cooperative Education
POLS 4070 - Proseminar in Public Policy
POLS 4600 - American Political Institutions
POLS 4900A - Independent Study: American Government and Politics
POLS 4900B - Independent Study: Theory and Method

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POLS 4900C - Independent Study: Comparative Politics
POLS 4900D - Independent Study: International Relations
POLS 4900E - Independent Study: Extended credit
POLS 4900H - Independent Study
POLS 4910 - Senior Thesis
POLS 4960 - Teaching Internship in Political Science
POLS 4970 - Research Internship in Political Science
POLS 4980 - Cooperative Education
POLS 4990 - Internship in Political Science
PORT 1010 - Elementary Portuguese I
PORT 1020 - Elementary Portuguese II
PORT 1110 - Intensive Beginning Portuguese
PORT 1120 - Elementary Portuguese, Accelerated II
PSYCH 1020 - Laboratory in Introductory Psychology
PSYCH 4600 - General Psychopathology
PSYCH 4840 - Psychology of Close Relationships
PSYCH 4880 - Cultural Psychology
RELIG 324 - Christianity and Science
RELIG 333 - Introduction to Judaism
RELIG 4900 - Independent Study
RELIG 4910 - Senior Thesis
RELIG 4940 - Special Studies in Religious Research Languages
RUS 1010 - Introduction to Russian Language and Culture I
RUS 1020 - Introduction to Russian Language and Culture II
RUS 2010 - Intermediate Russian I
RUS 2020 - Intermediate Russian II
RUS 3010 - Composition and Conversation
RUS 3950 - Study Abroad
RUS 4900 - Independent Study
RUS 4990 - Internship in Russian
SCM 4660 - Global Trade Management
SOC 1100 - Orientation to Agricultural and Rural Policy Studies
SOC 1150 - Orientation to Sociology
SOC 1340 - Introduction to Sociology
SOC 3020 - Research Methods for the Social Sciences
SOC 3620 - Applied Ethics in Agricultural and Rural Development
SOC 4900A - Independent Study: General Sociology
SOC 4900B - Independent Study: Rural Sociology
SOC 4900E - Independent Study: Senior Seminar
SOC 4900H - Independent Study: Honors
SPAN 0970 - Accelerated Spanish Review
SPAN 1010 - Elementary Spanish I

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SPAN 1020 - Elementary Spanish II
SPAN 2010 - Intermediate Spanish I
SPAN 2020 - Intermediate Spanish II
SPAN 2970 - Intensive Intermediate Spanish
SPAN 3030A - Spanish Conversation and Composition: through Culture
SPAN 3030B - Spanish Conversation and Composition: for Professionals
SPAN 3700A - Hispanic Topics in English Translation: Agriculture
SPAN 3950 - Study Abroad
SPAN 4010 - Advanced Composition and Grammar
SPAN 4900 - Independent Study
SPAN 4990 - Internship in Spanish
SPCM 2120 - Fundamentals of Public Speaking
SPCM 3230/ WGS 3230 - Gender and Communication
UST 1050 - Carver Academy Seminar: Freshmen
UST 1060 - Carver Academy Seminar: Freshmen
UST 3210 - NCORE Scholars: Race and Ethnicity in the U.S
WGS 4010 - Feminist Theories
WGS 4020 - Feminist Research in Action
WGS 4250 - Intersections of Race, Class and Gender
WGS 4300 - Gender and Consumer Culture
WGS 4400 - Gender Issues in Sports
WGS 4500 - Topics in Women's and Gender Studies
WGS 4900 - Independent Study
WGS 4910 - Internship
WGS 4990 - Senior Thesis
WISE 2010 - Foundations in Development for Women* in STEM