

# GENERAL EDUCATION

## General Education Program

General Education provides a common intellectual experience for all university students. The program develops strong communication and critical thinking skills, a broad understanding of disciplinary areas, and the knowledge and skills necessary for responsible citizenship in an interconnected world. General Education is the foundation of all undergraduate degree programs at The University of Akron.

## Program Learning Outcomes

### Academic Foundations

Students will gain a foundation of intellectual skills including oral and written communication, information literacy and logical or quantitative reasoning. Student will practice these skills in increasingly challenging contexts throughout the general education program and the major.

### Breadth of Knowledge

Students will gain broad knowledge and practice disciplinary methods of inquiry in the Arts, Humanities, Natural Sciences, and Social Sciences.

### Diversity

Students will gain skills and knowledge required for responsible citizenship through the analysis of diversity within domestic and global contexts.

### Integrated and Applied Learning

Students will apply and integrate knowledge gained throughout the undergraduate curriculum. This will be demonstrated through completion of either a capstone in the major or an upper-level course applying interdisciplinary perspectives to a complex social issue.

## Integration with Major

The UA General Education program is designed to support and enhance the major course of study. Majors may require particular General Education coursework, and some major courses may fulfill General Education requirements. Students should consult their program curriculum guides and Degree Progress Reports, as well as meet with an advisor, for the recommended General Education courses to take.

## Transfer and Alternative Credit Options

Student may fulfill General Education requirements through appropriate transfer coursework from accredited institutions of higher education, external credit-conferring testing programs such as the College Board Advanced Placement and College Level Examination Program (CLEP), and other programs. For more information, see the transfer policies (<https://bulletin.uakron.edu/undergraduate/important-policies/alternative-credit-options/>).

Students who plan to transfer to or from another Ohio public college or university should select coursework from the Ohio Transfer 36 ([https://reports-cems.transfercredit.ohio.gov/acprod/odb\\_dhe/oatn/r/105/otm/](https://reports-cems.transfercredit.ohio.gov/acprod/odb_dhe/oatn/r/105/otm/)). This set of coursework will satisfy specified General Education requirements at any public institution.

## Requirements for Bachelor's Degrees

Students pursuing a bachelor's degree must complete the following General Education coursework. Diversity courses may also fulfill major

or Breadth of Knowledge requirements. Integrated and Applied Learning courses may also fulfill requirements in the major.

## Academic Foundations - 12 credits

### Mathematics, Statistics, and Logic - 3 credit hours

*Students who successfully complete a mathematics or statistics course with a prerequisite on the list below satisfy the Mathematics, Statistics, and Logic requirement.*

Course	Ohio Transfer 36
MATH:135 Mathematics for Everyday Life	YES
MATH:140 Mathematics for Early/Middle Teachers 1	
MATH:143 Technical Algebra and Trigonometry 1 - Expanded	
MATH:144 Technical Algebra and Trigonometry 1	
MATH:145 Algebra for Calculus	YES
MATH:149 Precalculus Mathematics	YES
MATH:153 Technical Mathematics III	YES
MATH:154 Technical Algebra and Trigonometry 2	
MATH:208 Introduction to Discrete Mathematics	
MATH:210 Calculus with Business Applications	YES
MATH:215 Concepts of Calculus	YES
MATH:221 Analytic Geometry-Calculus I	YES
MATH:222 Analytic Geometry-Calculus II	YES
MATH:223 Analytic Geometry-Calculus III	YES
MATH:240 Mathematics for Early/Middle Teachers 2	
MATH:255 Technical Calculus I	
MATH:261 Applied Finite Mathematics	
MATH:312 Linear Algebra	YES
MATH:356 Technical Calculus II	
PHIL:170 Introduction to Logic	YES
STAT:250 Statistics for Everyday Life	YES
STAT:260 Basic Statistics	YES
STAT:261 Introductory Statistics I	YES
STAT:262 Introductory Statistics II	YES

### Speaking - 3 credit hours

Course	Ohio Transfer 36
COMM:105 Introduction to Public Speaking	YES
COMM:106 Effective Oral Communication	YES

COMM:263 Professional Communications and Presentations YES

### Writing - 6 credit hours

#### First Course

Course	Ohio Transfer 36
ENGL:110 English Composition I + Workshop	YES
ENGL:111 English Composition I	YES

Second Course - *Students who are placed in the second writing course and successfully complete it satisfy the Writing requirement.*

Course	Ohio Transfer 36
ENGL:112 English Composition II	YES
ENGL:222 Technical Report Writing	YES

### Breadth of Knowledge - 22 credits

#### Fine Arts and Humanities - 9 credit hours

*Students must take at least one Arts course and at least one Humanities course. The second Arts or Humanities course may be in the same department or in a different one.*

**Fine Arts** - at least one course

**Note:** MUSIC:155 Music Literature II must be completed sequentially with MUSIC:154 Music Literature I to satisfy the Fine Arts requirement.

Course	Fulfills Requirements For	Ohio Transfer 36
ART:101 Survey of Global Art 1: Prehistory to 1250 CE	- Arts, - Global Diversity	YES
ART:102 History of Global Art 2: 1250 CE - 1850 CE	- Arts	YES
ART:210 Visual Arts Awareness	- Arts	YES
DNCE:265 Viewing Dance	- Arts	YES
ENGL:283 Film Appreciation	- Arts	YES
MUSIC:154 Music Literature I	- Arts	
MUSIC:201 Exploring Music: Bach to Rock	- Arts	YES
THEA:100 Experiencing Theatre	- Arts	
THEA:264 Playscript & Performance Analysis	- Arts	

**Humanities** - at least one course

Course	Fulfills Requirements For	Ohio Transfer 36
ARAB:210 Arabic Culture through Film	- Humanities	YES
CHIN:210 Chinese Culture Through Film	- Humanities	

CLAS:230 Sports & Society in Ancient Greece and Rome	- Humanities	YES
CLAS:289 Mythology of Ancient Greece	- Humanities	YES
ENGL:252 Shakespeare & His World	- Humanities	YES
ENGL:281 Fiction Appreciation	- Humanities	YES
FREN:210 French and Francophone Cultures Through Film	- Humanities, - Global Diversity	
HIST:200 Empires of the Ancient World	- Humanities, - Global Diversity	YES
HIST:210 Humanities in the Western Tradition from Ancient Times to 1500	- Humanities	YES
HIST:221 Humanities in the World since 1300	- Humanities, - Global Diversity	YES
IHSC:100 Exploring Campus Arts & Culture	- Humanities	
JAPN:210 Japanese Culture through Film	- Humanities, - Global Diversity	
PHIL:101 Introduction to Philosophy	- Humanities	YES
PHIL:120 Introduction to Ethics	- Humanities	YES
PHIL:125 Theory & Evidence	- Humanities	YES
PHIL:150 Critical Thinking	- Humanities	YES
PHIL:211 History of Ancient Philosophy	- Humanities	YES
SPAN:210 Spanish Culture Through Film	- Humanities, - Global Diversity	
SPAN:250 Hispanic Literature in Translation	- Humanities	YES

### Natural Science - 7 credit hours, including one lab

*A majors-track course in the natural sciences can substitute for a general education natural science course.*

*Students may fulfill the Natural Sciences requirement with any coursework that adds up to seven credit hours and includes a lab, using courses from the same department or different ones.*

Course	Fulfills Requirements For	Ohio Transfer 36
ANAT:206 Applied Human Anatomy & Physiology I	- Natural Science	YES
ANAT:207 Applied Human Anatomy & Physiology II	- Natural Science	YES
BIOL:106 Exploring Biology	- Natural Science	
BIOL:108 Introduction to Biological Aging	- Natural Science	

BIOL:202 Human Anatomy & Physiology II	- Natural Science	YES	CHEM:113 Introduction to General, Organic & Biochemistry II (Laboratory)	- Natural Science w/ LAB	YES
CHEM:114 Introduction to General, Organic & Biochemistry (Lecture)	- Natural Science		CHEM:152 Principles of Chemistry I Laboratory	- Natural Science w/ LAB	YES
CHEM:151 Principles of Chemistry I	- Natural Science	YES	GEOL:101 Introductory Physical Geology	- Natural Science w/ LAB	YES
CHEM:153 Principles of Chemistry II	- Natural Science	YES	GEOL:102 Introductory Historical Geology	- Natural Science w/ LAB	
GEOL:100 Earth Science	- Natural Science	YES	GEOL:201 Exercises in Environmental Geology I	- Natural Science w/ LAB	YES
GEOL:121 Dinosaurs	- Natural Science		GEOL:203 Exercises in Environmental Geology II	- Natural Science w/ LAB	YES
GEOL:122 Mass Extinctions & Geology	- Natural Science		GEOL:230 Mineral Science	- Natural Science w/ LAB	
GEOL:130 Geologic Record of Climate Change	- Natural Science		PHYS:130 Descriptive Astronomy	- Natural Science w/ LAB	YES
GEOL:133 Caves	- Natural Science		PHYS:133 Music, Sound & Physics	- Natural Science w/ LAB	YES
GEOL:135 Geology of Energy Resources	- Natural Science		PHYS:137 Light	- Natural Science w/ LAB	YES
GEOL:137 Earth's Atmosphere & Weather	- Natural Science		PHYS:261 Physics for Life Sciences I	- Natural Science w/ LAB	
GEOL:171 Introduction to the Oceans	- Natural Science	YES	PHYS:262 Physics for Life Sciences II	- Natural Science w/ LAB	
GEOL:200 Environmental Geology	- Natural Science	YES	PHYS:291 Elementary Classical Physics I	- Natural Science w/ LAB	YES
GEOL:211 Introduction to Environmental Science	- Natural Science	YES	PHYS:292 Elementary Classical Physics II	- Natural Science w/ LAB	YES
NUTR:133 Nutrition Fundamentals	- Natural Science	YES			
PHYS:164 Technical Physics: Heat & Light	- Natural Science	YES			

### Social Science - 6 credit hours

*Students may fulfill the Social Science area requirement using courses from the same department or different ones.*

Course	Fulfills Requirements For	Ohio Transfer 36	Course	Fulfills Requirements For	Ohio Transfer 36
ANAT:210 Applied Human Anatomy & Physiology Lab I	- Natural Science w/ LAB		ANTH:101 Human Cultures	- Social Science, - Global Diversity	YES
ANAT:211 Applied Human Anatomy & Physiology Lab II	- Natural Science w/ LAB		ANTH:110 Introduction to Archaeology	- Social Science	YES
ANTH:105 Human Evolution	- Natural Science w/ LAB	YES	ANTH:251 Human Diversity	- Social Science, - Global Diversity	
BIOL:103 Natural Science: Biology	- Natural Science w/ LAB	YES	ECON:100 Introduction to Economics	- Social Science	YES
BIOL:111 Principles of Biology I	- Natural Science w/ LAB	YES	ECON:200 Principles of Microeconomics	- Social Science	YES
BIOL:112 Principles of Biology II	- Natural Science w/ LAB	YES	ECON:244 Introduction to Economic Analysis	- Social Science	YES
BIOL:130 Principles of Microbiology	- Natural Science w/ LAB	YES	GEOG:100 Introduction to Geography	- Social Science	YES
BIOL:265 Introductory Human Physiology	- Natural Science w/ LAB		HIST:250 U.S. History to 1877	- Social Science, - Domestic Diversity	YES
CHEM:101 Chemistry for Everyone	- Natural Science w/ LAB	YES	HIST:251 U.S. History since 1877	- Social Science, - Domestic Diversity	YES

HIST:295 Global Societies: Japan	- Social Science, - Global Diversity		PAFS:253 The Black Experience 1918-Present	- Social Science, - Domestic Diversity
HIST:296 Global Societies: Latin America	- Social Science, - Global Diversity		PAFS:256 Diversity in American Society	- Social Science, - Domestic Diversity
HIST:297 Global Societies: Middle East	- Social Science, - Global Diversity		PHIL:455 Philosophy of Feminism	- Domestic Diversity
PAFS:252 The Black Experience 1619-1918	- Social Science, - Domestic Diversity		PHIL:456 Philosophy of Race & Ethnicity	- Domestic Diversity
PAFS:253 The Black Experience 1918-Present	- Social Science, - Domestic Diversity		PSYC:250 Psychology of Diversity	- Domestic Diversity
PAFS:256 Diversity in American Society	- Social Science, - Domestic Diversity	YES	PSYC:435 Cross-Cultural Psychology	- Domestic Diversity
POLIT:100 Government & Politics in the United States	- Social Science	YES	PSYC:474 Psychology of Women	- Domestic Diversity
POLIT:150 World Politics & Government	- Social Science	YES	SOCIO:100 Introduction to Sociology	- Social Science, - Domestic Diversity
PSYC:100 Introduction to Psychology	- Social Science	YES	SOCIO:200 Social Justice	- Domestic Diversity
SOCIO:100 Introduction to Sociology	- Social Science, - Domestic Diversity	YES	SOWK:244 Death & Dying	- Social Science, - Domestic Diversity
SOCIO:243 Contemporary Global Issues	- Social Science, - Global Diversity	YES	SOWK:270 Diversity and Social Work	- Domestic Diversity
SOWK:230 Human Relations	- Social Science	YES	SOWK:344 Death & Dying	- Social Science, - Domestic Diversity
SOWK:244 Death & Dying	- Social Science, - Domestic Diversity	YES	THEA:467 Multi-Cultural Theatre	- Domestic Diversity
SOWK:344 Death & Dying	- Social Science, - Domestic Diversity		WMST:200 Introduction to Women's Studies	- Domestic Diversity

## Diversity - 2 courses

### Domestic Diversity - one course

Course	Fulfills Requirements For
ANTH:358 Indians of North America	- Domestic Diversity
COMM:325 Intercultural Communication	- Domestic Diversity
ECON:487 Urban Economics:Theory & Policy	- Domestic Diversity
ENGL:350 Black American Literature	- Domestic Diversity
GEOG:350 Geography of the United States & Canada	- Domestic Diversity
GEOG:443 Urban Applications in GIS	- Domestic Diversity
HIST:250 U.S. History to 1877	- Social Science, - Domestic Diversity
HIST:251 U.S. History since 1877	- Social Science, - Domestic Diversity
HIST:350 U.S. Women's History	- Domestic Diversity
MUSIC:155 Music Literature II	- Domestic Diversity
PAFS:201 Introduction to Pan-African Studies	- Domestic Diversity
PAFS:252 The Black Experience 1619-1918	- Social Science, - Domestic Diversity

### Global Diversity - one course

Course	Fulfills Requirements For
ANTH:101 Human Cultures	- Social Science, - Global Diversity
ANTH:251 Human Diversity	- Social Science, - Global Diversity
ANTH:416 Anthropology of Sex and Gender	- Global Diversity
ART:101 Survey of Global Art 1: Prehistory to 1250 CE	- Arts, - Global Diversity
ECON:460 Economics of Developing Countries	- Global Diversity
ENGL:362 World Literatures	- Global Diversity
ENGL:367 The Rhetoric of God	- Global Diversity
FREN:210 French and Francophone Cultures Through Film	- Humanities, - Global Diversity
GEOG:275 Geography of Cultural Diversity	- Global Diversity
HIST:200 Empires of the Ancient World	- Humanities, - Global Diversity
HIST:221 Humanities in the World since 1300	- Humanities, - Global Diversity
HIST:292 Global Societies: Africa	- Global Diversity
HIST:294 Global Societies: India	- Global Diversity
HIST:295 Global Societies: Japan	- Social Science, - Global Diversity
HIST:296 Global Societies: Latin America	- Social Science, - Global Diversity
HIST:297 Global Societies: Middle East	- Social Science, - Global Diversity
HIST:324 Europe from World War I to the Present	- Global Diversity
HIST:337 France from Napoleon to Degaulle	- Global Diversity

HIST:377 History of Women in Latin America	- Global Diversity
HIST:378 Spanish Conquest and Colonization of the Americas	- Global Diversity
HIST:395 Modern Iran	- Global Diversity
HIST:489 Ottoman State and Society	- Global Diversity
HIST:499 Women and Gender in Middle Eastern Societies	- Global Diversity
JAPN:210 Japanese Culture through Film	- Humanities, - Global Diversity
PHIL:200 Philosophy of World Religions	- Global Diversity
PHIL:340 Eastern Philosophy	- Global Diversity
POLIT:300 Comparative Politics	- Global Diversity
SOCIO:243 Contemporary Global Issues	- Social Science, - Global Diversity
SOCIO:321 Population, Environment, and Health	- Global Diversity
SPAN:210 Spanish Culture Through Film	- Humanities, - Global Diversity
SPAN:360 Hispanic Culture through Film	- Global Diversity
THEA:335 History of Theatre and Dramatic Literature: Origins through 18th Century	- Global Diversity
THEA:435 History of Theatre and Dramatic Literature: 1800 to Present	- Global Diversity

## Integrated and Applied Learning - 1 course

Select one course from either of the following categories

### Capstone

Course	Fulfills Requirements For
AESE:491 Aerospace Design Project I	- Capstone
ART:412 Student Teaching Colloquium	- Capstone
BMEN:491 Biomedical Engineering Design I	- Capstone
CHEE:442 Process Design II	- Capstone
CISS:451 CIS Senior Design Projects I	- Capstone
CIVE:490 Senior Design in Civil Engineering	- Capstone
COET:468 Construction Management	- Capstone
CORE:441 Corrosion Engineering Design II	- Capstone
CPEN:401 Senior Design Project I - Computer Engineering	- Capstone
CPSC:490 Senior Seminar in Computer Science	- Capstone
EEET:455 Senior Project	- Capstone
ELEN:401 Senior Design Project I - Electrical Engineering	- Capstone

EMHS:485 Cyber Forensics Capstone	- Capstone
MECE:461 ME Senior Design Project I	- Capstone
MUSIC:492 Student Teaching Colloquium	- Capstone
PHYS:491 Capstone Project in Physics A	- Capstone
PLYE:499 Senior Design Project II	- Capstone
SURV:430 Surveying Project	- Capstone

### Complex Issues Facing Society

Course	Fulfills Requirements For
AESE:490 Aerospace Design Project	- Complex Issues Facing Society
AESE:497 Aerospace Honors Project	- Complex Issues Facing Society
ANTH:320 The Anthropology of Food	- Complex Issues Facing Society
ANTH:370 Globalization and Culture	- Complex Issues Facing Society
ANTH:457 Medical Anthropology	- Complex Issues Facing Society
ANTH:460 Field Methods in Cultural Anthropology	- Complex Issues Facing Society
CHFD:401 American Families in Poverty	- Complex Issues Facing Society
CPEN:402 Senior Design Project II - Computer Engineering	- Complex Issues Facing Society
ECON:385 Economics of Natural Resources & the Environment	- Complex Issues Facing Society
ECON:430 Labor Market and Social Policy	- Complex Issues Facing Society
EDCI:223 Urban Youth Mentoring	- Complex Issues Facing Society
ELEN:402 Senior Design Project II - Electrical Engineering	- Complex Issues Facing Society
GEOL:421 Coastal Geology	- Complex Issues Facing Society
GEOL:443 Rivers	- Complex Issues Facing Society
GEOL:452 Geology and Environmental Science Service Learning	- Complex Issues Facing Society
HIST:463 United States Constitutional History	- Complex Issues Facing Society
HIST:472 Empire, Genocide, and Mass Violence	- Complex Issues Facing Society
NURS:440 Nursing of Communities	- Complex Issues Facing Society
NURS:445 Nursing of Communities - RN Only	- Complex Issues Facing Society
PHIL:207 Food Ethics	- Complex Issues Facing Society
PHIL:241 Technology & Human Values	- Complex Issues Facing Society
PHIL:361 Biomedical Ethics	- Complex Issues Facing Society
PHIL:365 Environmental Ethics	- Complex Issues Facing Society
PHIL:366 Engineering Ethics	- Complex Issues Facing Society
PLYS:350 Sustainable Polymers	- Complex Issues Facing Society
PSPE:310 Impacts of Polymers on Modern Life	- Complex Issues Facing Society
PSYC:425 Psychology of Hate	- Complex Issues Facing Society
SOCIO:320 Social Inequalities	- Complex Issues Facing Society

SOCIO:342 Sociology of Health & Illness	- Complex Issues Facing Society
SOCIO:433 Sociology of Deviant Behavior	- Complex Issues Facing Society
SPAN:308 Spanish Composition: Health Professions & First Responders	- Complex Issues Facing Society
WMST:450 Gender and Popular Culture	- Complex Issues Facing Society

#### Printable General Education Curriculum Guide

## Requirements for Associate Degrees

Students in the **Associate of Arts** and **Associate of Sciences** degree programs must complete the following 36 credit-hour set of General Education coursework. Specific courses can be found from the dropdown menus above.

Code	Title	Hours
<b>Academic Foundations</b>		
	Mathematics, Statistics, and Logic	3
	Speaking	3
	Writing	6
<b>Breadth of Knowledge</b>		
	Arts and Humanities (one course from each)	9
	Natural Science (including one lab)	7
	Social Science	6
<b>Additional General Education credits to equal 36 credit hours</b>		<b>2</b>
Students should meet this requirement by taking a Global Diversity or Domestic Diversity course if they have not already taken a Breadth of Knowledge course that satisfies the Diversity requirement		
<b>Total Hours</b>		<b>36</b>

Students in **applied associate degree programs** must complete the following 15 credit-hour set of General Education coursework:

Code	Title	Hours
<b>Academic Foundations</b>		
	Mathematics, Statistics, and Logic	3
	Speaking	3
	Writing	3
<b>Breadth of Knowledge</b>		
	Natural Science	3
	Social Science	3
<b>Total Hours</b>		<b>15</b>