

# Associate of Science (ASCI)

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## Associate of Science (ASCI)

Cincinnati State offers the Associate of Arts and Associate of Science degrees, which are often called “university parallel degrees” or “transfer degrees,” because they provide the first two years of a bachelor’s degree program. The primary purpose of the Associate of Arts and Associate of Science degrees is to prepare students for transfer to a four-year college or university. Students who earn these degrees and have an overall grade point average of 2.0 or better are given preferential consideration for admission to Ohio public universities.

The Associate of Science degree is for students who desire to pursue a bachelor’s degree by completing the first two years at Cincinnati State in program areas such as:

- Biology
- Chemistry
- Education
- Mathematics
- Meteorology
- Physics
- Pre-Dentistry
- Pre-Medicine
- Pre-Optometry
- Pre-Pharmacy
- Pre-Veterinary Medicine
- Zoology

Students who seek the Associate of Arts or Associate of Science degree need to be familiar with the requirements for the bachelor’s degree at the institution where they intend to complete their studies. Students work with a Cincinnati State faculty advisor to develop a planned curriculum of required and elective courses. This plan should allow a full-time student to transfer to the desired four-year institution at junior status after two years or less. Students who need additional preparation or attend part-time may take longer than two years to complete their degree requirements.

## Associate of Science Degree Requirements

English Composition	6
Mathematics	6
Oral Communication	3
Social/Behavioral Sciences	12
Arts/Humanities	9
Natural/Physical Sciences	12
Cooperative Education <sup>1</sup>	4
Electives <sup>2</sup>	12
<b>Total Credits</b>	<b>64</b>

<sup>1</sup> Students are required to complete course HUM 190 Career Exploration Seminar: Associate of Arts and Sciences and consult with the co-op coordinator to select additional co-op courses

<sup>2</sup> In consultation with an advisor, students select courses which meet general and programmatic requirements of the institution where they plan to complete a bachelor’s degree.

## Courses That Meet Associate of Science Requirements

Students in the Associate of Arts and Associate of Science programs complete the Ohio Transfer Module as part of their degree.

### English Composition:

ENG 101	English Composition 1	3
ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Topics in Literature	3
ENG 104	English Composition 2: Technical Communication	3

ENG 105	English Composition 2: Business Communication	3
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## Mathematics:

### Recommended Courses

MAT 151	College Algebra	4
MAT 152	Trigonometry	4
MAT 153	Pre-Calculus	6
MAT 251	Calculus 1	5
MAT 252	Calculus 2	5
MAT 253	Calculus 3	5

### Additional Options

MAT 131	Statistics 1	3
MAT 132	Statistics 2	3

*Note: In addition to completing Academic Foundations math classes indicated by COMPASS® placement results, students must complete MAT 121 Technical Algebra and Geometry with Statistics or MAT 130 Intermediate Algebra for Statistics or MAT 150 Intermediate Algebra before enrolling in any of the classes listed. Prerequisite MAT classes will count as elective credit. The courses below are Transfer Module courses.*

## Oral Communication:

COMM 110	Public Speaking	3
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## Social/Behavioral Sciences:

Choose 3 hours from list A, 3 hours from list B, 3 additional hours from lists A or B, and 3 additional hours from lists A, B, or C.

### List A

GEO 105	World Regional Geography: the Americas, Europe, and	3
GEO 110	World Regional Geography: Asia, Africa, and the Middle East	3
GEO 115	Cultural Geography	3
HST 101	World History: First Civilizations to 1500	3
HST 102	World History: 1500 to Present	3
HST 111	American History: Early Settlers to 1877	3
HST 112	American History: 1877 to Present	3
HST 121	African American History: Origins to 1877	3
HST 122	African American History: 1877 to Present	3
HST 130	History of Africa	3
LBR 105	Introduction to Labor and Employee Relations	3
POL 101	Introduction to American Government	3
POL 102	Introduction to Comparative Governments and Politics	3

### List B

ECO 105	Principles of Microeconomics	3
ECO 110	Principles of Macroeconomics	3
PSY 110	Introduction to Psychology	3
PSY 200	Abnormal Psychology	3
PSY 205	Child Development	3
PSY 210	Adolescent Development	3
PSY 215	Adult Development	3
PSY 220	Social Psychology	3
PSY 225	Lifespan Development	3
SOC 105	Introduction to Sociology	3
SOC 110	Social Problems	3
SOC 115	Marriage and the Family	3
SOC 130	Sociology of Aging	3
SOC 140	Sociology of Gender	3

### List C

ADC 100	Drugs in Society	3
ADC 105	Addiction, Counseling, and Diversity	3
ADC 110	Pharmacology of Addiction	3
ADC 115	Ethics in Addiction Treatment	3
ADC 120	Addiction Screening, Assessment, and Treatment	3
ADC 125	Relapse, Treatment, and Prevention	3
ADC 205	Addiction Studies Practicum	2
CRJ 102	Juvenile Delinquency	3
CRJ 105	Introduction to Criminal Justice	3
CRJ 110	Introduction to Policing	3
CRJ 115	Introduction to Corrections	3
CRJ 120	Introduction to Courts	3
CRJ 125	Criminology	3
CRJ 130	Criminal Investigation Skills	3
CRJ 135	Criminal Law	3
POL 100	Democracy in Action: Making Your Voice and Vote Count	3
PSY 100	Applied Psychology: Human Relations	3
PSY 102	Applied Psychology: Stress Management	3
SOC 200	Race, Ethnicity, and Minorities	3
SPT 100	Introduction to Sport Management	3
SPT 105	Sport in Society	3
SPT 110	Principles of Coaching	3
SPT 115	Ethics in Sport	3
SPT 120	Sport Marketing	3
SWK 110	Introduction to Social Work	3
SWK 200	Social Welfare Policy	3
SWK 205	Case Management for Human Services Professionals	3

*Education (EDU) courses shown in List C in the Arts and Humanities area can be used as List C courses in either the Social and Behavioral Sciences area or the Arts and Humanities area.*

## Arts and Humanities:

Choose 3 hours from list A, 3 hours from list B, 3 additional hours from lists A or B, and 3 additional hours from lists A, B, or C.

<b>List A</b>		
ART 110	Introduction to Art	3
ART 111	Art History: Ancient to Medieval Periods	3
ART 112	Art History: Renaissance to the Present	3
COMM 130	Introduction to Film Studies	3
MUS 101	Music History: Middle Ages to Late 19th Century	3
MUS 102	Music History: 20th Century	3
MUS 105	Music History: African-American Music	3
MUS 110	Jazz Appreciation	3
MUS 115	Rock and Pop Music	3
THE 105	Theater Appreciation	3
THE 110	History of Theater	3
<b>List B</b>		
LIT 200	Introduction to Literature	3
LIT 210	The Short Story	3
LIT 220	Poetry	3
LIT 230	Drama	3
LIT 240	The Novel	3
LIT 251	American Literature to 1865	3
LIT 252	American Literature since 1865	3

LIT 255	African American Literature	3
LIT 261	British Literature: Medieval Period to 1800	3
LIT 262	British Literature: 1800 to Present	3
LIT 265	Shakespeare	3
LIT 270	Children's Literature	3
LIT 280	Science Fiction	3
LIT 285	Women Writers	3
PHI 105	Introduction to Philosophy	3
PHI 110	Ethics	3
REL 105	World Religions	3
<b>List C</b>		
ART 120	Design History	3
ART 130	Photography	3
ART 141	Drawing 1	3
ART 142	Drawing 2	3
ART 143	Drawing 3	3
ART 150	Watercolor	3
ART 161	Sculpture 1	3
ART 162	Sculpture 2	3
COMM 105	Interpersonal Communication	3
COMM 115	Introduction to Journalism	3
COMM 120	Mass Media and Society	3
COMM 205	Small Group Communication	3
COMM 215	Journalism Practicum	2
CULT 105	Issues in Human Diversity	3
CULT 110	Social Issues in Technology	3
EDU 105	Introduction to Education	3
EDU 110	Educational Technology	3
EDU 200	Individuals with Exceptionalities	3
EDU 210	Learning in Childhood	3
ENG 100	English Principles: Grammar and Structure	3
ENG 131	Creative Writing: Poetry	3
ENG 132	Creative Writing: Fiction	3
ENG 134	Creative Writing: Writing for Children	3
FRN 101	Elementary French 1	4
FRN 102	Elementary French 2	4
FRN 201	Intermediate French 1	4
FRN 202	Intermediate French 2	4
ITP 101	Beginning American Sign Language 1	3
ITP 102	Beginning American Sign Language 2	3
ITP 201	Intermediate American Sign Language 1	3
ITP 202	Intermediate American Sign Language 2	3
ITP 251	Advanced American Sign Language 1	3
ITP 252	Advanced American Sign Language 2	3
MUS 100	Musical Concepts	3
MUS 131	Vocal Ensemble for Mixed Voices 1	1
MUS 132	Vocal Ensemble for Mixed Voices 2	1
REL 110	The Old Testament	3
REL 115	The New Testament	3
SPN 100	Spanish for the Professions	2
SPN 101	Elementary Spanish 1	4
SPN 102	Elementary Spanish 2	4

SPN 201	Intermediate Spanish 1	4
SPN 202	Intermediate Spanish 2	4
SPN 221	Spanish 1 for Business and Finance	4
SPN 222	Spanish 2 for Business and Finance	4
SPN 200	Spanish Conversation and Composition	3
THE 115	Acting	3
THE 140	Oral Interpretation of Literature	3
THE 240	Performance Practicum	2

*Education (EDU) courses can be used as List C courses in either the Social and Behavioral Sciences area or the Arts and Humanities area.*

## Natural/Physical Science:

Choose 8 hours from list A, and 4 additional hours from list A or B

<b>List A</b>		
BIO 131	Biology 1	5
BIO 132	Biology 2	5
BIO 151	Anatomy and Physiology 1	4
BIO 152	Anatomy and Physiology 2	4
CHE 121 & CHE 131	General Chemistry 1 and General Chemistry 1 Lab (must complete both courses as co-requisites)	5
CHE 122 & CHE 132	General Chemistry 2 and General Chemistry 2 Lab (must complete both courses as co-requisites)	5
PHY 151	Physics 1: Algebra and Trigonometry-Based	4
PHY 152	Physics 2: Algebra and Trigonometry-Based	4
PHY 201	Physics 1: Calculus-Based	5
PHY 202	Physics 2: Calculus-Based	5
<b>List B</b>		
BIO 111	Biology: Unity of Life	4
BIO 112	Biology: Diversity of Life (pending approval)	4
BIO 115	Human Genetics	3
BIO 117	Human Body in Health and Disease	3
BIO 210	Cross Sectional Anatomy	2
BIO 220	Microbiology	3
BIO 230	Pharmacology	3
BIO 240	Pathophysiology	3
BIO 250	Cell Biology	5
BIO 260	Genetics	5
BIO 270	Ecology	5
BIO 275	Animal Behavior	5
CHE 110	Fundamentals of Chemistry	4
CHE 111	Bio-Organic Chemistry	4
CHE 201 & CHE 211	Organic Chemistry 1 and Organic Chemistry 1 Lab (must complete both courses as co-requisites)	5
CHE 202 & CHE 212	Organic Chemistry 2 and Organic Chemistry 2 Lab (must complete both courses as co-requisites)	5
PHY 121	Technical Physics 1	3
PHY 122	Technical Physics 2	3
PHY 150	Introduction to Physics	3
EVS 110	Environmental Science: Conservation and Cleanup	4
EVS 120	Environmental Geology	4
EVS 130	Environmental Science: Ecology and Ecosystems	4
PSC 105	Astronomy	4
PSC 110	Earth Science	4

PSC 115	Energy (approval pending)	3
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## Cooperative Education:

### Seminar Required

HUM 190	Career Exploration Seminar: Associate of Arts and Sciences (This course is a prerequisite to co-op or internship.)	2
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### Co-op <sup>1</sup>

Co-op courses include:

HUM 191	Part-Time Cooperative Education 1: Associate of Arts and Sciences	1
HUM 192	Part-Time Cooperative Education 2: Associate of Arts and Sciences	1
HUM 194	Part-Time Career Education Project 1: Associate of Arts and Sciences	1
HUM 195	Part-Time Career Education Project 2: Associate of Arts and Sciences	1
HUM 291	Full-Time Cooperative Education 1: Associate of Arts and Sciences	2
HUM 294	Internship: Associate of Arts and Sciences	2
HUM 296	Full-Time Career Education Project: Associate of Arts and Sciences	2

<sup>1</sup> Students must meet with the Co-op Coordinator at least one semester prior to beginning Co-op to discuss options and plan how to complete Co-op credits.

## Electives:

Consult your advisor for help selecting electives.

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Courses should be chosen to meet the requirements of the institution where you plan to earn your bachelor's degree. Any course in the list of requirements on previous pages may be used as an elective.

*Note: If a student earns more than the required number of credits in any category (for example, by taking two 4-credit math courses), the additional credits will count towards the elective requirement.*