

# Associate of Science (ASCI)

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The Associate of Science degree is designed for students who plan to transfer into a bachelor's degree program immediately after completing their Cincinnati State degree.

The Associate of Science degree includes the Ohio Transfer Module, which is a core set of general education courses, along with directed electives that allow students to complete the first two years of a four-year degree in a natural sciences or physical sciences field. Working closely with an academic advisor, students customize the curriculum to fit the school and the bachelor's degree program they plan to complete.

Students in the Associate of Science program participate in cooperative education, which offers opportunities for internship or employment in a career-related field. The co-op or internship placement provides practical training and enriches the academic experience.

For more information, please contact the Humanities and Sciences Division at (513) 569-1700.

To apply for this program at Cincinnati State, visit the Admissions (<http://www.cincinnati.edu/academics/admission>) section of the College website.

## Associate of Science Degree Requirements

### First Year

Semester 1		Lec	Lab	Credits
FYE 1XX	First Year Experience Elective	1	0	1
HUM 190	Career Exploration Seminar: Associate of Arts / Associate of Science	2	0	2
MAT XXX	Transfer Module Mathematics Elective	3	0	3
XXX XXX	Transfer Module Natural/Physical Science List A Elective 1	3	3	4
ENG 101	English Composition 1	3	0	3
Semester 2				
ENG 10X	English Composition Elective	3	0	3

XXX XXX	Transfer Module Natural/Physical Science List A Elective 2	3	3	4
XXX XXX	Transfer Module Arts/Humanities List A Elective	3	0	3
XXX XXX	Directed Elective 1	3	0	3
Semester 3				
COMM 110	Public Speaking	3	0	3
XXX XXX	Transfer Module Social/Behavioral Science List A Elective	3	0	3
XXX XXX	Directed Elective 2	3	0	3
XXX XXX	Directed Elective 3	3	0	3

### Second Year

Semester 4				
XXX XXX	Transfer Module Mathematics OR Science Elective 1	3	0	3
HUM XXX	Co-op/Internship Elective 1	1	20	1
XXX XXX	Transfer Module Arts/Humanities List B Elective	3	0	3
XXX XXX	Directed Elective 4	3	0	3
XXX XXX	Directed Elective 5	3	0	3
Semester 5				

HUM XXX Co-op/ Internship Elective 2	1	20	1
XXX XXX Transfer Module Social/ Behavioral Science List B Elective	3	0	3
XXX XXX Transfer Module Mathematics OR Science Elective 2	3	0	3
XXX XXX Directed Elective 6	3	0	3
XXX XXX Directed Elective 7	3	0	3
<b>Total Credits:</b>	<b>62</b>	<b>46</b>	<b>64</b>

Transfer Module Electives must be selected from the corresponding Transfer Module list.

Directed electives may be chosen from the Transfer Module course list **or** from the Directed Elective course list, to coincide with the requirements of the desired transfer school and program. Courses not listed here may be used toward the degree only with the permission of an advisor. Students should consult with an advisor before choosing any directed electives. Additional credits earned in any area will be applied to the directed electives to reach the total credits needed for graduation.

Co-op/Internship Electives **must** be chosen in consultation with a Co-op Coordinator. Students should meet with their Co-op Coordinator one semester prior to the planned Co-op/Internship semester to choose the appropriate route.

**Transfer Module Electives**

**English Composition Elective**

ENG 102	English Composition 2: Contemporary Issues	3
ENG 103	English Composition 2: Writing about Literature	3
ENG 104	English Composition 2: Technical Communication	3
ENG 105	English Composition 2: Business Communication	3

**Transfer Module Mathematics Elective**

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
MAT 131	Statistics 1	3
MAT 215	Business Calculus	6

**Transfer Module Social/Behavioral Sciences List A Elective**

GEO 105	World Regional Geography: the Americas, Europe, and Australia	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
HST 161	Western Civilization: Origins to 1648	3
HST 162	Western Civilization: 1648 to Present	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

**Transfer Module Social/Behavioral Sciences List B Elective**

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 115	Marriage and the Family	3
SOC 130	Sociology of Aging	3
SOC 140	Sociology of Gender	3

**Transfer Module Arts/Humanities List A Elective**

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
MUS 120	World Music	3
THE 105	Theater Appreciation	3
THE 110	History of Theater	3

**Transfer Module Arts/Humanities List B Elective**

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

**Transfer Module Natural/Physical Sciences List A Elective**

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	5
CHE 122 & CHE 132	General Chemistry 2 and General Chemistry 2 Lab	5
CHE 201 & CHE 211	Organic Chemistry 1 and Organic Chemistry 1 Lab	5
CHE 202 & CHE 212	Organic Chemistry 2 and Organic Chemistry 2 Lab	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

**Transfer Module Natural/Physical Sciences Other Elective**

BIO 111	Biology: Unity of Life	4
BIO 112	Biology: Diversity of Life	4
CHE 105	Chemistry for Consumers	3
CHE 110	Fundamentals of Chemistry	4
CHE 111	Bio-Organic Chemistry	4
CHE 115	General, Organic, and Biological Chemistry	4
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	3

**Non Transfer Module Electives****First Year Experience Elective**

FYE 100	College Survival Skills	1
FYE 105	College Success Strategies	2
FYE 110	Community College Experience	3

**Directed Electives**

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
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
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
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
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
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	2
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
LDR 200	Transformational Leadership in Practice	3
LDR 230	Ethical Leadership	2
LDR 240	Applied Leadership Theory	3
LDR 290	Leadership Capstone	2
MAT 105	Quantitative Reasoning	3
MAT 115	Pre-Statistics	3
MAT 121	Technical Algebra and Geometry with Statistics	3
MAT 132	Statistics 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
MUS 133	Vocal Ensemble for Mixed Voices 3	1
MUS 134	Vocal Ensemble for Mixed Voices 4	1
PHY 150	Introduction to Physics	3
PSY 100	Applied Psychology: Human Relations	3
PSY 102	Applied Psychology: Stress Management	3
PSY 105	Psychology of Leadership	4
PSY 198	First Year Special Topics in Psychology	1-9
REL 110	The Old Testament	3
REL 115	The New Testament	3
SOC 200	Race, Ethnicity, and Minorities	3
SPN 100	Spanish for the Professions	2
SPN 101	Elementary Spanish 1	4
SPN 102	Elementary Spanish 2	4
SPN 200	Spanish Conversation and Composition	3
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
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
THE 115	Acting	3
THE 140	Oral Interpretation of Literature	3
THE 240	Performance Practicum	2

**Co-Op/Internship Electives**

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 292	Full-Time Cooperative Education 2: Assoc	2
HUM 294	Internship: Associate of Arts and Sciences	2
HUM 296	Full-Time Career Education Project: Associate of Arts and Sciences	2

**Associate of Science (ASCI)**

- Communicate effectively
- Evaluate arguments in a logical fashion
- Employ the methods of inquiry characteristic of natural sciences, social sciences, and the arts and humanities
- Acquire an understanding of our global and diverse culture and society
- Engage in our democratic society
- Understand and experience a professional setting aligned with the specific major of study for transfer
- Understand fundamental principles related to the specific major of study for transfer

**Faculty****Program Chair**

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