

ASSOCIATE IN SCIENCE DEGREE

The Associate in Science is designed for transfer towards specific science bachelor's degrees. The general education courses required for the Associate of Science degree are approved by the Illinois Articulation Initiative (IAI); however, the structure of the degree does not meet the minimum IAI general education core requirements. Students will need to complete the general education requirements of the school to which they transfer. Students considering this degree are encouraged to meet with an academic advisor to determine the most appropriate or required course selections for their transfer goals.

Graduates earning this degree meet the requirement for coursework on improving human relations as defined in 110 ILCS 205/9.21 (formerly Ill. Rev. Stat. 1991 Ch. 144 sec. 189.21) or PA-87-581.

Students with previous academic, career, and life experiences are encouraged to have a transcript analysis completed and to investigate CLEP and ECC proficiency credit to fulfill prerequisite, course, and/or degree requirements. An academic advisor can help with this process.

Degree Requirements

Course	Title	Credits
General Education Requirement		
<i>Communications</i>		9
Three courses including a two course sequence in writing and one course in oral communication. A grade of C or better in ENG 101 and ENG 102 is required.		
ENG 101	English Composition I	
ENG 102	English Composition II	
CMS 101	Fundamentals of Speech	
<i>Mathematics</i>		6
Take 2 courses with at least one IAI GECC course		
IAI GECC Courses:		
MTH 102	General Education Statistics	
MTH 104	General Education Mathematics	
MTH 113	Math for Elementary Teaching II	
MTH 120	Statistics I	
MTH 125	Finite Math for Business & Managmt	
MTH 126	Calculus for Business/Social Science	
MTH 190	Calculus with Analytic Geometry I	
MTH 210	Calculus with Analytic Geometry II	
MTH 230	Calculus with Analytic Geometry III	
Non-IAI GECC Courses:		
MTH 110	Math for Elementary Teaching I	
MTH 112	College Algebra	
MTH 114	Trigonometry	
MTH 240	Introduction to Linear Algebra	
MTH 250	Differential Equations	
<i>Physical and Life Sciences</i>		10
Select 3 courses in total. Select at least one IAI GECC course from the life sciences & one IAI GECC course from the physical sciences; one of these must include a lab. The third course can be either an IAI GECC or non-IAI GECC course. (Note: L=Lab)		

IAI GECC Physical Sciences:

APS 101	Earth Science (L)
APS 111	Applied Physical Science (L)
ATY 100	Astronomy
CHM 101	Preparatory Chemistry (L)
CHM 112	Elements of Chemistry: General (L)
CHM 142	General Chemistry I (L)
GEO 115	Intro to Physical Geography
GLY 105	Environmental Geology
GLY 112	Physical Geology (L)
PHY 101	General Physics (L)
PHY 211	Engineering Physics I (L)

IAI GECC Life Sciences:

BIO 105	Survey of Environmental Biology
BIO 108	Biology for Contemporary Society (L)
BIO 110	Principles of Biology (L)
BIO 113	Molecular & Cellular Biology (L)
BIO 114	Organismal Bio, Evolution, Ecology (L)
BIO 115	Environmental Biology (L)

Non-IAI GECC:

CHM 143	General Chemistry II
CHM 170	Elementary Organic Chemistry
CHM 234	Organic Chemistry I
CHM 235	Organic Chemistry II
PHY 102	General Physics
PHY 212	Engineering Physics II
BIO 104	Biotechnology and Society
BIO 106	Plants and Society
BIO 240	Human Anatomy and Physiology
BIO 245	Human Anatomy and Physiology I
BIO 246	Human Anatomy and Physiology II
BIO 265	Microbiology
CIS 121	Computer Science I
CIS 123	Computer Science for Engineers
MTH 123	Computer Science for Engineers
CIS 127	Discrete Structures
CIS 223	Computer Science II
CIS 226	Computer Science III
EGR 152	Statics
EGR 252	Dynamics

Humanities and Fine Arts 6

Two courses with at least one course selected from humanities and one course from fine arts. (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)

Humanities:

FRN 202	Intermediate French II
GRM 202	Intermediate German II
SPN 202	Intermediate Spanish II
HIS 118	Foundations of Civilization
HIS 160	American Civilization
HUM 110	Introduction to Philosophy
HUM 112	Western Philosophy I

HUM 113	Western Philosophy II
HUM 115	Critical Reasoning
HUM 116	Logic
HUM 170	Introduction to Asian Philosophies (N)
HUM 202	Philosophy of Religion
HUM 203	Comparative Religions (N)
HUM 204	Introduction to Religious Studies
HUM 205	Introduction to Mythology
HUM 216	Ethics
LIT 201	Introduction to Literature:Fiction
LIT 202	Introduction to Literature:Drama
LIT 203	Introduction to Literature:Poetry
LIT 205	Introduction to Shakespeare
LIT 210	Multicultural American Literature (D)
LIT 211	Introduction to Literature by Women (D)
LIT 220	LGBTQ Literature
LIT 223	International Literature (N)
LIT 225	Children's Literature
LIT 230	Masterpieces of World Lit
LIT 235	Bible as Literature
LIT 241	Great Books Seminar I
LIT 242	Great Books Seminar II
LIT 243	Great Books Seminar III
LIT 244	Great Books Seminar IV
LIT 245	Great Books Seminar V
Fine Arts:	
ART 115	Art Appreciation
ART 130	Art of Film
ART 151	History of Art I
ART 152	History of Art II
ART 154	Survey of Non-Western Art (N)
ART 155	History of Photography
ART 231	Cinema History: Origins to WWII
ART 232	Cinema History:post WWII to Digital
MUS 104	Musics of the World (N)
MUS 105	Music Appreciation
MUS 106	Music Literature From 1400 to 1750
MUS 107	Music Liter. From 1750 to Present
CMS 106	Introduction to Film Appreciation
THE 100	Theatre Appreciation
THE 122	Intro-Theater History & Literature
THE 124	American Drama
Interdisciplinary Humanities and Fine Arts (may count as either Humanities or Fine Arts):	
HUM 101	Introduction to Western Humanities I
HUM 102	Introduction to Western Humanities II
HUM 103	Intro to Non-Western Humanities (N)
LIT 229	Novel and Film

Social & Behavioral Sciences 6

Two courses with one course selected from social sciences and one course selected from behavioral sciences. (Note: N=human diversity from a non-western perspective; D=human diversity within the United States)

Social Sciences:	
ECN 101	Fundamentals of Economics
ECN 201	Principles of Microeconomics
ECN 202	Principles of Macroeconomics
GEO 116	Human Geography (N)
GEO 216	Geography of the Developing World (N)
HIS 101	History of Western Civilization I
HIS 102	History of Western Civilization II
HIS 115	History of World Civilizations I (N)
HIS 116	History of World Civilizations II (N)
HIS 119	History & Politics of Gender (D)
HIS 120	History of the Non-Western World I (N)
HIS 121	History of the Non-Western World II (N)
HIS 130	History of Latin America I (N)
HIS 131	History of Latin America II (N)
HIS 140	History of Asia & Pacific I (N)
HIS 141	History of Asia & Pacific II (N)
HIS 151	U S History to 1870
HIS 152	U S History Since 1865
HIS 189	African American History I (N)
POS 150	Amer Government - National
POS 151	Amer Govt State Local
POS 152	Principles of Political Science
POS 250	Comparative Political Systems
POS 251	International Relations (N)
POS 253	Non-Western Comparative Government (N)
Behavioral Sciences:	
ATR 120	Introduction to Anthropology (N)
ATR 210	General Prehistoric Archeology
ATR 220	Cultural Anthropology (N)
ATR 250	Human Evolution
PSY 100	Intro to Psychology
PSY 212	Child Psychology
PSY 214	Adulthood and Aging
PSY 215	Social Psychology
PSY 218	Human Growth and Development
SOC 100	Principles of Sociology
SOC 201	Social Problems
SOC 209	Racial and Ethnic Relations (D)
SOC 210	Marriage and Family
SOC 215	Social Psychology
SOC 220	Gender Roles and Social Change (D)

Major Field and Elective Courses 23

Students should choose an intended major at a transfer institution as soon as possible and select courses which are required for their major. After fulfilling required courses for their major, students may complete this area with electives. In general, any course numbered 100 or above with a 1.1 code in the course description may be used. If the student wishes to enroll in a course which does not have a 1.1 code he/she should see an advisor prior to enrolling to discuss the transferability of the course.

Total Credit Hours 60

College Requirements

1. A total of 60 hours or more must be completed as specified. This total cannot include any credits earned in courses numbered below 100 nor any courses with with ABE, ASE, or ESL prefixes. The 60 hours total may include up to four hours of credit in physical education, courses prefixed by PHC.
2. A minimum cumulative grade point average of 2.0 for all courses numbered 100 and above.
3. Meet the college's Academic Residency Requirement for University Transfer degrees: A minimum of 15 semester hours in courses numbered 100 and above and must have been achieved at ECC, excluding AP, CLEP, and proficiency credits.
4. Students may apply up to six hours of Independent Study credit toward any associate degree.
5. Students can earn only one transfer associate degree. Should a student seek to earn more than one transfer degree, they will need to submit a Petition to Earn Multiple Transfer Degrees form to the associate dean of advising, transfer, and career development services.