

Eastern Iowa Community College

Major: Physics

Below are courses recommended for transfer students to take at their community college. This document is not intended to be an all-inclusive list, but a general guideline for students. It is recommended that you speak to an advisor at Iowa State at your earliest sign of wishing to transfer.

A maximum of 65 credits from a community college may be applied to your degree at Iowa State.

UNIVERSITY REQUIREMENTS

The following courses are University requirements that must be met by all undergraduate students.
Completion of the AA degree does not exempt LAS students from these requirements.

English Proficiency

Course Name	EICC Course Number
Composition I	ENG 105
Composition II	ENG 106
Library Instruction	Take at ISU

U.S. Cultures and Communities / International Perspectives

Students in all majors must complete a three-credit course in U.S. Cultures and Communities, as well as a three-credit course in International Perspectives. Below is a partial listing of courses that satisfy this requirement.

U.S. Cultures and Communities Course Options at EICC	International Perspectives Course Options at EICC
PSY/SOC 261 Human Sexuality SOC 115 Social Problems EDU 235 Children's Literature The full listing of approved U.S. Cultures & Communities courses is at the following website: https://go.iastate.edu/QGEJCP	ART 101 Art Appreciation MUS 100 Music Appreciation POL 121 International Relations REL 101 Survey of World Religions The full listing of approved International Perspective courses is at the following website: https://go.iastate.edu/UCBQQB

COLLEGE OF LIBERAL ARTS AND SCIENCES GRADUATION REQUIREMENT FOR WORLD LANGUAGE

LAS students whose first language is English are required to meet college level proficiency in one world language. That requirement can be met by three or more years of high school study in a single world language **OR** by completing the second semester of a college-level world language course. The Department of World Languages and Cultures offers a test-out examination administered each semester. Two semesters of American Sign Language are recognized by Iowa State and will meet the world language requirement. ***Students transferring with an AA degree are not exempt from this requirement.***

Have questions? Feel free to reach out to us at discover_las@iastate.edu

LAS GENERAL EDUCATION REQUIREMENTS

Below is a partial list of course options students can take at EICC. All approved courses can be found here:

<https://go.iastate.edu/RB4J1S>

<p>Arts and Humanities Minimum 12 credits</p>	<p>ART 101 Art Appreciation DRA 110 Introduction to Film EDU 235 Children's Literature HIS 117, 118, & 119 West Civ. HIS 151 U.S. History to 1877 HIS 152 U.S. History since 1877 LIT 101 Intro to Literature LIT 180 Mythology PHI 105 Intro Ethics REL 101 Survey of World Religions</p>
<p>Math Minimum 3 credits</p>	<p>MAT 110 Math for Liberal Arts (Primarily for non-STEM fields) MAT 121 College Algebra MAT 128 Precalculus MAT 140 Finite Math MAT 156 Statistics MAT 210 Calculus I MAT 216 Calculus II MAT 219 Calculus III MAT 227 Diff Equations w/Laplace</p>
<p>Natural Science Minimum 8 credits</p>	<p>BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio II w/lab BIO 151 Nutrition BIO 157 Human Bio w/lab BIO 163 Essentials Anatomy/Physiology *BIO 168 Anatomy & Phys. I w/lab *BIO 173 Anatomy & Phys. II w/lab CHM 122 Intro to General Chem/Lab CHM 132 Intro to Organic and BioChem CHM 165 or 166 General Chem I/Lab CHM 175 or 176 Chemistry II /Lab CHM 261 or 263 Organic Chemistry/Lab CHM 271 or 273 Organic Chem II/Lab ENV 111/115 Environmental Science PHY 162 General Phys. I PHY 172 General Phys. II PHY 212 Classical Phys. I PHY 222 Classical Phys. II *Recommend both taken</p>

Social Sciences

Minimum 9 credits

ANT 105 Cultural Anthropology
COM 140 Intro to Mass Media
CRJ 100 Intro to Criminal Justice
ECN 120 Prin. Of Macroeconomics
ECN 130 Prin. Microeconomics
PSY 111 Intro to Psychology
PSY 121 Developmental Psych
PSY 211 Psychology of Adjustment
PSY 223 Child and Adolescent Psych
PSY 241 Abnormal Psych
SOC 240 Criminology
SOC 245 Criminal Law
SOC 261 Human Sexuality
SPC 122 Interpersonal Communication

Graduating with your Associate of Art degree? Students with 60 transferable credits and an AA degree will have met the general education requirements in the College of Liberal Arts and Sciences and will have achieved junior standing. (2.00 GPA Min.)

MAJOR REQUIREMENTS

All four-year plans can be found here: <https://go.iastate.edu/4EDCST>

Please note that many of your major requirements will be met during your time at Iowa State University. As you consider your transfer, we recommend connecting with an academic advisor at ISU early to be sure the courses you select at your community college fulfill degree requirements.

The following courses should be considered as part of the coursework while earning an AA Degree at Eastern Iowa Community College.

Physics

*An AS degree will allow more of the Science and Math credits toward a Physics major. General Education credits can be taken Junior and Senior years.

____ MAT 210
 ____ MAT 216
 ____ MAT 219
 ____ MAT 227
 ____ PHY 212
 ____ PHY 222

For Teacher Education Option in addition to above:

____ POL 111 or HIS 150 or HIS 152
 ____ PSY 121
 ____ PSY 281
 ____ EDU 213
 ____ SPC 112