Eastern Iowa Community College

Major: Chemistry

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

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://do.jastate.edu/RB/11S

Arts and Humanities ART 101 Art Appreciation Minimum 12 credits DR 110 Introduction to Film EDU 235 Children's Literature HIS 117, 118, & 119 West Clv. HIS 117, 118, & 119 West Clv. HIS 151 U.S. History since 1877 LIT 101 Intro to Literature LIT 100 Intro to Literature LIT 105 Intro Ethics REL 101 Survey of World Religions Math MAT 110 Fints (For Intro EtM fields) Minimum 3 credits MAT 110 Fint PEM fields) MAT 121 College Algebra MAT 120 Calculus I MAT 126 Calculus II MAT 120 Calculus II MAT 210 Calculus I MAT 227 Diff Equations w/Laplace Natural Science BIO 105 Intro Bio/w lab Minimum 8 credits BIO 105 Intro Bio/w lab BIO 151 Nutrition BIO 153 Essentials Anatomy/Physiology BIO 168 Anatomy & Phys. I. W/lab BIO 163 Essentials Anatomy/Physiology BIO 168 Anatomy & Phys. I. W/lab BIO 173 Anatomy & Phys. I. W/lab BIO 173 Anatomy & Phys. I. W/lab CHM 122 Intro to Organic and BioChem CHM 121 To to Organic Chem I/Lab CHM 121 Thos 0 Foreal Bio II Alab CHM 122 Into 2 Calculus II HAT 220 Calculus II HAT 2 Calculus II HAT 200 Calculus II	https://go.iastate.edu/RB4J1S	
EDU 235 Children's Literature HIS 117, 118, & 119 West Civ. 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 101 Intro to Literature LIT 101 Math for Liberal Arts (Primarily for non-STEM fields) MAT 110 Hath for Liberal Arts (Primarily for non-STEM fields) MAT 121 College Algebra MAT 122 Calculus I MAT 126 Calculus II MAT 210 Cal	Arts and Humanities	ART 101 Art Appreciation
HIS 117, 118, & 119 West Civ. HIS 151 U.S. History to 1877 HIS 152 U.S. History to 1877 LIT 101 Intro to Literature LIT 101 Intro to Literature LIT 180 Mythology PH1 105 Intro Ethics REL 101 Survey of World Religions Math Minimum 3 credits MAT 110 Math for Liberal Arts (Primarily for non-STEM fields) MAT 120 College Algebra MAT 121 College Algebra MAT 120 Calculus II MAT 210 Calculus II MAT 210 Calculus III MAT 210 Calculus III MAT 210 Calculus III MAT 221 Calculus III	Minimum 12 credits	DRA 110 Introduction to Film
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 Math Minimum 3 credits Math 212 Ollege Algebra MAT 120 Mth for Liberal Arts (Primarily for non-STEM fields) MAT 128 Precalculus MAT 129 Precalculus MAT 120 Calculus I MAT 210 Calculus I MAT 210 Calculus II MAT 219 Calculus II MAT 210 Calculus II MAT 210 Calculus II MAT 210 Calculus II MAT 210 Calculus II MAT 219 Calculus II MAT 210 Calculus II <th></th> <th>EDU 235 Children's Literature</th>		EDU 235 Children's Literature
HIS 152 U.S. History since 1877 LIT 101 Intro to Literature LIT 101 Intro to Literature LIT 105 Intro Ethics REL 101 Survey of World Religions Math Minimum 3 credits MAT 110 Math for Liberal Atts (Primarily for non-STEM fields) MAT 121 College Algebra MAT 122 Ocalculus MAT 126 Statistics MAT 120 Calculus I MAT 210 Calculus I MAT 210 Calculus III MA		HIS 117, 118, & 119 West Civ.
LIT 101 Intro to Literature LIT 180 Mythology PHI 105 Intro Ethics REL 101 Survey of World ReligionsMathMAT 110 Math for Liberal Arts (Primarily for norset) Mart 121 College Algebra MAT 121 College Algebra MAT 121 College Algebra MAT 120 Calculus MAT 121 Calculus I MAT 210 Calculus I MAT 2210 Calculus II MAT 2210 Calculus III MAT 2210 Calcul		HIS 151 U.S. History to 1877
LIT 180 Mythology PH 105 Intro Ethics REL 101 Survey of World Religions Math Minimum 3 credits Mati 110 Math for Liberal Arts (Primarily for non-STEM fields) MAT 121 College Algebra MAT 120 Finite Math MAT 120 Finite Math MAT 121 College Algebra MAT 122 Oraciculus MAT 120 Calculus I MAT 210 Calculus II MAT 210 Calculus II MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio I w/lab BIO 155 I Nutrition BIO 151 Nutrition BIO 153 Essentials Anatomy Aphys. I w/lab *BIO 168 Anatomy & Phys. I w/lab *BIO 173 Anatomy & Phys. I w/lab *BIO 186 Essentials anatomy/Physiology *BIO 186 Chemistry I/Lab CHM 132 Intro to General Chem I/Lab CHM 145 or 176 General Chemistry I/Lab CHM 152 or 176 Organic Chemistry I/Lab CHM 211 or 273 Organic Chemistry I/Lab CHM		HIS 152 U.S. History since 1877
PHI 105 Intro Ethics REL 101 Survey of World Retigions Math Minimum 3 credits MAT 110 Math for Liberal Arts (Primarily for non-STEM fields) MAT 121 College Algebra MAT 128 Precalculus MAT 120 Calculus I MAT 210 Calculus I MAT 210 Calculus I MAT 210 Calculus III MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab BIO 155 Intro Bio/w lab *BIO 115 General Bio I w/lab BIO 155 Intro Bio/w lab *BIO 115 General Bio I w/lab BIO 163 Essentials Anatomy & Phys. IV/lab *BIO 163 Essentials Anatomy & Phys. IV/lab *BIO 175 Nutrition BIO 163 Essentials Chemral Chem/Lab CHM 122 Intro to General Chem/Lab CHM 132 Intro to Organic and BioChem CHM 132 Intro to Organic Chem Il/Lab CHM 175 or 176 Chemistry II /Lab CHM 271 or 273 Organic Chem Il/Lab ENV 111/115 Environmental Science PHY 122 Classical Phys. I PHY 122 Classical Phys. I		LIT 101 Intro to Literature
REL 101 Survey of World Religions Math Minimum 3 credits MAT 110 Math for Liberal Arts (Primarily for non-STEM fields) MAT 128 Precatculus MAT 120 College Algebra MAT 120 College Algebra MAT 120 Calculus I MAT 210 Calculus I MAT 210 Calculus II MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio II w/lab BIO 151 Nutrition BIO 153 Essentials Anatomy/Physiology *BIO 163 Essentials Anatomy/Physiology *BIO 173 Anatomy & Phys. II w/lab CHM 132 Intro to Organic and BioChem CHM 132 Intro to Organic and BioChem CHM 156 or 166 General Chem I/Lab CHM 175 or 176 Chemistry II /Lab CHM 175 or 176 Chemistry II /Lab CHM 271 or 273 Organic Chem II/Lab CHM 271 or 273 Organic Chem II/Lab ENV 111/115 Environmental Science PHY 122 General Phys. I PHY 212 Classical Phys. I		LIT 180 Mythology
Math MAT 110 Math for Liberal Arts Minimum 3 credits (Primarily for non-STEM fields) MAT 121 College Algebra MAT 128 Precalculus MAT 128 Precalculus MAT 140 Finite Math MAT 210 Calculus I MAT 210 Calculus I MAT 219 Calculus III MAT 227 Diff Equations w/Laplace Natural Science BIO 105 Intro Bio/w lab Minimum 8 credits *BIO 114 General Bio I w/lab *BIO 115 General Bio I W/lab BIO 151 Nutrition BIO 163 Essentials Anatomy/Physiology *BIO 168 Anatomy & Phys. I w/lab *BIO 173 Anatomy & Phys. II w/lab *BIO 173 Creance CHM 122 Intro to General Chem I/Lab CHM 122 Intro to General Chem I/Lab CHM 125 or 176 Chemistry II /Lab CHM 271 or 273 Organic Chem II/Lab CHM 271 or 273 Organic Chem II/Lab PHY 162 General Phys. I PHY 122 Classical Phys. I		PHI 105 Intro Ethics
Minimum 3 credits (Primarily for non-STEM fields) MAT 121 College Algebra MAT 128 Precalculus MAT 128 Precalculus MAT 126 Statistics MAT 136 Statistics MAT 210 Calculus I MAT 210 Calculus I MAT 219 Calculus II MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab * BIO 114 General Bio I w/lab BIO 151 Nutrition BIO 151 Nutrition BIO 163 Essentials Anatomy/Physiology * BIO 163 Essentials Anatomy & Phys. I w/lab *BIO 163 Essentials Anatomy/Physiology * BIO 163 Ceneral Chem /Lab CHM 122 Intro to Organic and BioChem CHM 125 or 176 Chemistry II /Lab CHM 175 or 176 Chemistry II /Lab CHM 271 or 273 Organic Chem II/Lab CHM 271 or 273 Organic Chem II/Lab ENV 111/112 General Phys. I PHY 122 Classical Phys. I		REL 101 Survey of World Religions
Minimum 3 credits (Primarily for non-STEM fields) MAT 121 College Algebra MAT 128 Precalculus MAT 124 Derinite Math MAT 128 Frecalculus MAT 140 Finite Math MAT 120 Calculus I MAT 210 Calculus II MAT 210 Calculus II MAT 210 Calculus II MAT 210 Calculus II MAT 210 Calculus II MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab *BIO 115 General Bio I w/lab *BIO 115 General Bio I w/lab BIO 151 Nutrition BIO 163 Essentials Anatomy/Physiology *BIO 163 Essentials Anatomy/Physiology *BIO 173 Anatomy & Phys. I w/lab *BIO 173 Anatomy & Phys. I w/lab CHM 122 Intro to Organic and BioChem CHM 165 or 166 General Chem I/Lab CHM 161 or 263 Organic Chemistry/Lab CHM 261 or 263 Organic Chemistry/Lab CHM 271 or 273 Organic Chem II/Lab ENV 111/112 Environmental Science PHY 162 General Phys. I PHY 162 General Phys. I PHY 122 Classical Phys. I PHY 212 Classical Phys. I	Math	MAT 110 Math for Liberal Arts
MAT 121 College Algebra MAT 128 Precalculus MAT 128 Precalculus MAT 120 Finite Math MAT 156 Statistics MAT 210 Calculus I MAT 219 Calculus II MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio I w/lab *BIO 115 General Bio I w/lab *BIO 116 General Bio I w/lab *BIO 115 Nutrition BIO 163 Essentials Anatomy/Physiology *BIO 163 Essentials Anatomy/Physiology *BIO 164 Eneral Bio I w/lab *BIO 165 T Human Bio w/lab BIO 163 Essentials Anatomy/Physiology *BIO 164 Exerce CHM 122 Intro to General Chem/Lab CHM 122 Intro to Organic and BioChem CHM 122 Intro to Organic Chem I/Lab CHM 125 or 166 General Chem I/Lab CHM 271 or 273 Organic Chem II/Lab ENV 111/115 Environmental Science PHY 162 General Phys. I PHY 122 Classical Phys. I		(Primarily for non-STEM fields)
MAT 140 Finite Math MAT 156 Statistics MAT 210 Calculus I MAT 210 Calculus I MAT 219 Calculus II MAT 219 Calculus III MAT 227 Diff Equations w/LaplaceNatural Science Minimum 8 creditsBIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab BIO 151 Nutrition 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. I w/lab CHM 122 Intro to General Chem/Lab CHM 122 Intro to Organic Chemistry/Lab CHM 125 or 176 Chemistry II /Lab CHM 261 or 263 Organic Chemistry/Lab 	Minimum 3 creats	MAT 121 College Algebra
MAT 156 Statistics MAT 210 Calculus I MAT 216 Calculus II MAT 219 Calculus III MAT 227 Diff Equations w/Laplace BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio I w/lab BIO 151 Nutrition BIO 163 Essentials Anatomy/Physiology *BIO 163 Essentials Anatomy/Physiology *BIO 173 Anatomy & Phys. I w/lab CHM 122 Intro to General Chem/Lab CHM 122 Intro to Organic and BioChem CHM 125 or 166 General Chem I/Lab CHM 175 or 176 Chemistry II /Lab CHM 271 or 273 Organic Chemistry/Lab CHM 271 or 273 Organic Chem II/Lab ENV 111/115 Environmental Science PHY 162 General Phys. I PHY 122 Classical Phys. I		MAT 128 Precalculus
MAT 210 Calculus IMAT 216 Calculus IIMAT 219 Calculus IIIMAT 227 Diff Equations w/LaplaceNatural ScienceMinimum 8 credits*BIO 105 Intro Bio/w lab*BIO 115 General Bio I w/lab*BIO 115 General Bio I w/labBIO 151 NutritionBIO 157 Human Bio w/labBIO 168 Essentials Anatomy/Physiology*BIO 168 Anatomy & Phys. I w/lab*BIO 173 Anatomy & Phys. I w/labCHM 122 Intro to General Chem/LabCHM 165 or 166 General Chem I/LabCHM 175 or 176 Chemistry II /LabCHM 261 or 263 Organic Chem II/LabENV 111/115 Environmental SciencePHY 162 General Phys. IPHY 172 General Phys. IPHY 122 Classical Phys. I		MAT 140 Finite Math
MAT 216 Calculus IIMAT 219 Calculus IIIMAT 227 Diff Equations w/LaplaceNatural ScienceMinimum 8 creditsBIO 105 Intro Bio/w lab*BIO 114 General Bio I w/lab*BIO 115 General Bio I w/labBIO 151 NutritionBIO 163 Essentials Anatomy/Physiology*BIO 163 Essentials Anatomy/Physiology*BIO 163 Essentials Anatomy & Phys. I w/lab*BIO 163 Essentials Chem /LabCHM 122 Intro to General Chem/LabCHM 165 or 166 General Chem //LabCHM 165 or 166 General Chem I/LabCHM 271 or 273 Organic Chem II/LabCHM 271 or 273 Organic Chem II/LabENV 111/115 Environmental SciencePHY 162 General Phys. IIPHY 172 General Phys. IIPHY 172 Classical Phys. I		MAT 156 Statistics
MAT 219 Calculus III MAT 227 Diff Equations w/LaplaceNatural Science Minimum 8 creditsBIO 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 Chemistry/LabHY 112/115 Environmental Science PHY 162 General Phys. I PHY 172 General Phys. I PHY 212 Classical Phys. I		MAT 210 Calculus I
MAT 227 Diff Equations w/Laplace Natural Science Minimum 8 credits *BIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio II w/lab BIO 151 Nutrition BIO 163 Essentials Anatomy/Physiology *BIO 168 Anatomy & Phys. I w/lab *BIO 173 Anatomy & Phys. II w/lab *BIO 173 Corganic and BioChem CHM 122 Intro to General Chem I/Lab CHM 125 or 176 General Chem I/Lab CHM 127 or 273 Organic Chemistry/Lab CHM 271 or 273 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. I PHY 212 Classical Phys. I		MAT 216 Calculus II
Natural Science Minimum 8 creditsBIO 105 Intro Bio/w lab *BIO 114 General Bio I w/lab *BIO 115 General Bio II w/lab BIO 155 Human Bio w/lab BIO 157 Human Bio w/lab BIO 163 Essentials Anatomy/Physiology *BIO 168 Anatomy & Phys. I w/lab *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 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. I PHY 212 Classical Phys. I		MAT 219 Calculus III
Minimum 8 credits*BIO 114 General Bio I w/lab*BIO 115 General Bio II w/labBIO 151 NutritionBIO 157 Human Bio w/labBIO 163 Essentials Anatomy/Physiology*BIO 168 Anatomy & Phys. I w/lab*BIO 173 Anatomy & Phys. II w/lab*BIO 173 Anatomy & Phys. II w/labCHM 122 Intro to General Chem/LabCHM 132 Intro to Organic and BioChemCHM 165 or 166 General Chem I/LabCHM 261 or 263 Organic Chemistry/LabCHM 271 or 273 Organic Chem II/LabENV 111/115 Environmental SciencePHY 162 General Phys. IPHY 172 General Phys. IPHY 212 Classical Phys. I		MAT 227 Diff Equations w/Laplace
Minimum 8 credits*BIO 114 General Bio I w/lab*BIO 115 General Bio II w/labBIO 151 NutritionBIO 157 Human Bio w/labBIO 163 Essentials Anatomy/Physiology*BIO 168 Anatomy & Phys. I w/lab*BIO 173 Anatomy & Phys. II w/lab*BIO 173 Anatomy & Phys. II w/labCHM 122 Intro to General Chem/LabCHM 132 Intro to Organic and BioChemCHM 165 or 166 General Chem I/LabCHM 261 or 263 Organic Chemistry/LabCHM 271 or 273 Organic Chem II/LabENV 111/115 Environmental SciencePHY 162 General Phys. IPHY 172 General Phys. IPHY 212 Classical Phys. I		
*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. I 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. I PHY 212 Classical Phys. I	Natural Science	BIO 105 Intro Bio/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 212 Classical Phys. I 	Minimum 8 credits	*BIO 114 General Bio I w/lab
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. I PHY 212 Classical Phys. I		*BIO 115 General Bio II 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		BIO 151 Nutrition
*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		BIO 157 Human Bio 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		BIO 163 Essentials Anatomy/Physiology
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. I PHY 212 Classical Phys. I		*BIO 168 Anatomy & Phys. I w/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		*BIO 173 Anatomy & Phys. II w/lab
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		CHM 122 Intro to General Chem/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		CHM 132 Intro to Organic and BioChem
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		CHM 165 or 166 General Chem I/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		CHM 175 or 176 Chemistry II /Lab
ENV 111/115 Environmental Science PHY 162 General Phys. I PHY 172 General Phys. II PHY 212 Classical Phys. I		CHM 261 or 263 Organic Chemistry/Lab
PHY 162 General Phys. I PHY 172 General Phys. II PHY 212 Classical Phys. I		CHM 271 or 273 Organic Chem II/Lab
PHY 172 General Phys. II PHY 212 Classical Phys. I		ENV 111/115 Environmental Science
PHY 212 Classical Phys. I		PHY 162 General Phys. I
		PHY 172 General Phys. II
PHY 222 Classical Phys. II		PHY 212 Classical Phys. I
		PHY 222 Classical Phys. II
*Recommend both taken		*Recommend both taken

IOWA STATE UNIVERSITY

College of Liberal Arts and Sciences

Social Sciences	ANT 105 Cultural Anthropology
Minimum 9 credits	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: <u>https://go.iastate.edu/4EDCST</u>		
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.		
Chemistry *An AS degree will allow more of the Science and Math credits toward a Chemistry major. General Education credits can be taken Junior and Senior years.	B.A.	