

## Program Transfer Guide

**Hawkeye Community College Associate in Arts (AA) in**

**LIBERAL ARTS**

→ **UIU Bachelor of Science (BS) in**

**SOFTWARE ENGINEERING**

**AUGUST 2020**



EDUCATION BUILT FOR LIFE

### Years 1 & 2 at Hawkeye Community College:

HCC Program Course Sequence			Course Transfers into UIU as			
Course ID	Course Name	# Cr	Course ID	Course Name	# Cr	Requirement Fulfilled
ENG 105	Composition I	3	ENG 101	English Composition I	3	Gen Ed Comm./Wrtn
ENG 106	Composition II	3	ENG 102	English Composition II	3	Gen Ed Comm./Wrtn
SPC 101	Fundamentals of Oral Communication	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral
<b>MAT 121</b> <i>OR</i>	<b>College Algebra</b>	<b>4</b>	<b>MATH 107</b>	<b>College Algebra</b>	<b>4</b>	<b>Major &amp; Gen Ed Math</b>
Math Elective		3-4	---	<i>See Electives Table</i>	3-4	See Electives Table
SDV 108 <i>OR</i>	The College Experience	1	---	---	1	Free Elective
SDV 109	College 101	3	---	---	3	Free Elective
Natural Science & Math – Biological Sciences Elective**		3-4	---	<i>See Electives Table</i>	3-4	<i>See Electives Table</i>
Natural Science & Math – Physical Sciences Elective**		3-4	---	<i>See Electives Table</i>	3-4	<i>See Electives Table</i>
Humanities – A: Western Civ. Elective		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>
Humanities – B: Humanities Elective <i>(one course from two different areas: 1, 2, or 3)</i>		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>
Humanities – B: Humanities Elective <i>(one course from two different areas: 1, 2, or 3)</i>		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>
Social Sciences – People & Relations Elective		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>
Social Sciences – American Society Elective		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>
Social Sciences – Topics in Social Sciences Elective		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>
Social Diversity Elective		3	---	<i>See Electives Table</i>	3	<i>See Electives Table</i>

#### Select Electives *(requires at least 21 credits)*

*UIU recommendations are listed below; see full list in Electives Table*

<b>MAT 134</b>	<b>Trigonometry and Analytic Geometry</b>	<b>3</b>	<b>MATH 115</b>	<b>Trigonometry and Analytic Geometry</b>	<b>3</b>	<b>Major</b>
<b>MAT 210</b>	<b>Calculus I</b>	<b>4</b>	<b>MATH 120</b>	<b>Calculus I</b>	<b>4</b>	<b>Major</b>
<b>MAT 216</b>	<b>Calculus II</b>	<b>4</b>	<b>MATH 200</b>	<b>Calculus II</b>	<b>4</b>	<b>Major</b>
<b>ECN 130</b>	<b>Principles of Microeconomics</b>	<b>3</b>	<b>ECON 160</b>	<b>Principles of Microeconomics</b>	<b>3</b>	<b>Major</b>
<b>ECN 120</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	<b>ECON 161</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	<b>Major</b>
<b>MGT 208</b>	<b>Introduction to Information Systems</b>	<b>3</b>	<b>CS 130</b>	<b>Foundations of Information Systems</b>	<b>3</b>	<b>Major</b>
<b>CSC 110</b> <i>OR</i>	<b>Introduction to Computers</b>	<b>3</b>	<b>CS 102</b>	<b>Introduction to Computer Applications &amp; Technology</b>	<b>3</b>	<b>Prerequisite</b>
<b>CSC 116</b>	<b>Information Computing</b>	<b>3</b>				

Total occupational course credits earned: 63-68

Total credits required for graduation: 62

Total transferable credits#: 63-68

Total course credits accepted: 63-68

*UIU recommendations are **bolded**.*

**Years 3 & 4 at Upper Iowa University:**

UIU Program Course List		# Cr	Requirement Fulfilled	Transferred In
<b>General Education Courses</b>				
	<i>any Gen Ed in Arts/Humanities [Humn. B Elective]</i>	3	Students who transfer to UIU with a completed Associate of Arts (AA) or Associate of Science (AS) degree in liberal arts from Hawkeye Community College, will be considered to have fulfilled all lower-division Upper Iowa University general education requirements.  Prerequisites still required.	
	<i>any Gen Ed in Arts/Humanities</i>	3		
ENG 101	<i>English Composition I [ENG 105]</i>	3		
ENG 102	<i>English Composition II [ENG 106]</i>	3		
COMM 105	<i>Public Speaking [SPC 101]</i>	3		
	<i>any Gen Ed in Natural Science [Nat. Sci. Elective]</i>	3		
	<i>any Gen Ed in Natural Science [Nat. Sci. Elective]</i>	3		
	<i>any Gen Ed in Social Science [Humn. A Elective]</i>	3		
	<i>any Gen Ed in Social Science [Soc. Sci. Elective]</i>	3		
	<i>any Gen Ed in Cultures [Social Diversity Elective]</i>	3		
<b>Prerequisites</b>				
MATH 107	<i>College Algebra</i>	3	<i>Gen Ed Mathematics &amp; Prereq. for MATH 115</i>	MAT 121
CS 102	<i>Intro Computer Applications &amp; Technology</i>	3	<i>Gen Ed Computer Skills &amp; Prereq. for CS 122</i>	CSC 110 or CSC 116
<b>Major Courses</b>				
MATH 115	<i>Trigonometry and Analytic Geometry *</i>	3	Major	MAT 134
MATH 120	<i>Calculus I</i>	3	Major	MAT 120
CS 122	<i>IT Infrastructure *</i>	4	Major	---
CS 130	<i>Foundations of Information Systems</i>	3	Major	MGT 208
CS 140	<i>Introduction to Programing</i>	4	Major	---
ECON 160	<i>Principles of Microeconomics</i>	3	Major	ECN 130
ECON 161	<i>Principles of Macroeconomics</i>	3	Major	ECN 120
SE 200	<i>Advanced Computer Programing</i>	4	Major	---
CS 206	<i>Computer Architecture</i>	4	Major	---
CS 213	<i>Operating Systems</i>	4	Major	---
MATH 200	<i>Calculus II</i>	3	Major	MAT 216
MATH 210	<i>Calculus Series and Analysis</i>	3	Major	---
MATH 215	<i>Multivariable Calculus</i>	3	Major	---
MATH 302	<i>Mathematical Statistics I</i>	3	Major	---
SE 300	<i>Data Structures and Algorithms</i>	4	Major	---
SE 310	<i>Software Application and Interface Design</i>	4	Major	---
CS 332	<i>Databases and Information Management</i>	3	Major	---
CS 342	<i>Human Computer Interaction *</i>	3	Major	---
CS 400	<i>Project Management and Integration</i>	4	Major	---
CS 480	<i>Senior Capstone I</i>	1	Major	---
CS 481	<i>Senior Capstone II</i>	2	Major	---
SE 410	<i>Software Testing, Validation &amp; Verification</i>	3	Major	---
Choose one of the Primary Focuses		9-12	Major	---
Total additional credits needed at UIU to complete degree:		<b>62-65</b>		
Total transferable credits from HCC:		<b>63-68</b>		
<b>Total Earned Credits:</b>		<b>125-133</b>		

Courses to be taken at Upper Iowa University

## **Software Engineering Primary Focuses at UIU**

### **Visualization and Graphics Specialization**

MATH 301	Linear Algebra	3	
SE 360	Visualization and Graphics	3	
SE 420	Applications of Visualization Techniques	3	

### **Informatics Specialization**

MATH 301	Linear Algebra ( <i>prereq required for MATH 303</i> )	3	
MATH 303	Mathematical Statistics II •	3	
SE 348	Informatics and Knowledge Engineering	3	
SE 370	Big Data Processing, Warehousing, Data Mining	3	

### ~~ NOTES ~~

**LEGEND:**

- # Transfer grades lower than a C- will not be accepted.
- @ indicates both courses are required to meet this course, else if only part of this combination is taken, all courses would be considered free electives.
- • Course has a prerequisite.
- **Bolded** text indicates UIU recommendations.
- *Grayed out text* indicates courses fulfilled through transfer. Strikethrough indicates specific course if within grouping.

Students who transfer to UIU with a completed Associate of Arts (AA) or Associate of Science (AS) degree in liberal arts from Hawkeye Community College, will be considered to have fulfilled all lower-division Upper Iowa University general education requirements.

A minimum of 120 semester credits is required for a baccalaureate degree; up to 78 lower-division college semester credits from Hawkeye Community College. A minimum of 30 credits must be upper-division credits for a UIU baccalaureate degree; lower-division transfer work from Hawkeye Community College does not contribute to the upper-division credit requirement at UIU.

*This program transfer guide is based on the May 2020 course-to-course articulation (UIU 2019-2020 catalog & HCC 2019-2020 catalog).*

Every effort has been made to ensure the accuracy and completeness of this program articulation. The office of the Registrar of Upper Iowa University reserves the right to make corrections, additions, and deletions as necessary.

### Elective Transfer Table

HCC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>NATURAL SCIENCE &amp; MATH</b> – 10 credits minimum – <i>Requires 7 credits from A and B, including one 4-credit laboratory course. 3 credits from C</i>						
<b>A. Biological Sciences</b>						
BIO 105	Introductory Biology	4	BIO 100	General Biological Science	4	Gen Ed Nat. Sci.
BIO 112	General Biology I <i>(Fall Only)</i>	4	BIO 135	Principles of Biology I	4	Gen Ed Nat. Sci.
BIO 113	General Biology II <i>(Spring Only)</i>	4	BIO 140	Principles of Biology II *	4	Gen Ed Nat. Sci.
BIO 154	Human Biology	3	---	---	3	Gen Ed Nat. Sci.
BIO 163 OR BIO 166	Essentials of Anatomy and Physiology  Fundamentals of Anatomy and Physiology	4	BIO 268	Introduction to Human Anatomy and Physiology *	4	Gen Ed Nat. Sci.
BIO 168	Human Anatomy and Physiology I	4	BIO 270	Human Anatomy and Physiology I *	4	Gen Ed Nat. Sci.
BIO 186	Microbiology	4	BIO 210	Microbiology *	4	Gen Ed Nat. Sci.
CNS 121	Environmental Conservation***	3	ES 161	Introduction to Environmental Science	3	Gen Ed Nat. Sci.
*** <i>CNS 121 or ENV 115/116: Only one can be taken toward the 7 hours of science.</i>						
<b>A. Physical Sciences</b>						
CHM 122	Introduction to General Chemistry	4	---	---	4	Gen Ed Nat. Sci.
CHM 165	General Chemistry I <i>(Fall Only)</i>	4	CHEM 151	General Chemistry I	4	Gen Ed Nat. Sci.
ENV 115	Environmental Science***	3	ES 161	Intro to Environmental Science	3	Gen Ed Nat. Sci.
ENV 116	Environmental Science Lab***	1	---	---	1	Free Elective
GEO 131	Physical Geography	3	GEOG 100	Introduction to Physical Geography	3	Gen Ed Nat. Sci. or Gen Ed Soc. Sci.
GEO 132	Physical Geography Lab	1	---	---	1	Free Elective
PHS 120	Exploring Physical Science	4	---	---	4	Free Elective
PHS 142	Principles of Astronomy	3	PHY 110	Introduction to Astronomy	3	Gen Ed Nat. Sci.
PHS 152	Astronomy	4	PHY 109 & PHY 110	Intro to Astronomy Lab (1) & Intro to Astronomy (3)	4	Gen Ed. Nat. Sci.
PHY 162 OR PHY 212	College Physics I <i>(Fall Only)</i>  Classical Physics I	4  OR 5	PHY 111 & PHY 112	Intro Physics I (3) & Intro Physics Laboratory I (1)	4  OR 5	Gen Ed Nat. Sci.
*** <i>CNS 121 or ENV 115/116: Only one can be taken toward the 7 hours of science.</i>						
<b>B. Mathematics – 3 credits minimum</b>						
MAT 110	Math for Liberal Arts	3	---	---	3	Free Elective
<b>MAT 121</b>	<b>College Algebra</b>	<b>4</b>	<b>MATH 107</b>	<b>College Algebra *</b>	<b>4</b>	<b>Major</b>
MAT 128	Precalculus	4	---	---	4	Free Elective
<b>MAT 134</b>	<b>Trigonometry and Analytic Geometry</b>	<b>3</b>	<b>MATH 115</b>	<b>Trigonometry and Analytic Geometry *</b>	<b>3</b>	<b>Major</b>
MAT 156	Statistics	3	MATH 220	Elementary Statistics *	3	Gen Ed Mathematics
<b>MAT 210</b>	<b>Calculus I</b>	<b>4</b>	<b>MATH 120</b>	<b>Calculus I *</b>	<b>4</b>	<b>Major</b>

**Elective Transfer Table (continued)**

HCC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>HUMANITIES</b> – 9 credits minimum – <i>Requires 3 credits from A, and 6 credits from two different areas: B1, B2, or B3.</i>						
<b>A. Western Civilization – 3 credits minimum</b>						
HIS 117	Western Civilization I: Ancient and Medieval	3	---	---	3	Gen Ed Soc. Sci.
HIS 118	Western Civilization II: Early Modern	3	---	---	3	Gen Ed Soc. Sci.
HIS 119	Western Civilization III: The Modern Period	3	---	---	3	Gen Ed Soc. Sci.
<b>B. Humanities – 6 credits minimum</b>						
<b>B1. Literature and Fine Arts</b>						
ART 101	Art Appreciation	3	ART 100	Introduction to Art	3	Gen Ed Arts/Humn.
ART 203	Art History I	3	ART 211	Art History I	3	Gen Ed Arts/Humn.
ART 204	Art History II <i>(Spring Only)</i>	3	ART 212	Art History II	3	Gen Ed Arts/Humn.
DRA 107	Theatrical Arts and Society	3	---	---	3	Gen Ed Arts/Humn.
LIT 101	Introduction to Literature	3	ENG 125	Introduction to Literature	3	Gen Ed Arts/Humn.
MUS 100	Music Appreciation	3	MUS 100	Introduction to Music	3	Gen Ed Arts/Humn.
<b>B2. Philosophy and Religion</b>						
PHI 101	Introduction to Philosophy	3	PHIL 150	Introduction to Philosophy	3	Gen Ed Arts/Humn.
PHI 105	Introduction to Ethics	3	PHIL 202	Contemporary Ethics	3	Gen Ed Arts/Humn.
REL 101	Survey of World Religions	3	REL 120	Intro to World Religions	3	Gen Ed Arts/Humn.
REL 130	Intro to Religions of the East	3	REL 205	Religions of Asia	3	Gen Ed Arts/Humn.
<b>B3. Non-Western Cultures</b>						
CLS 130	African Cultures	3	---	---	3	Gen Ed Cultures
CLS 141	Middle Eastern History & Culture	3	---	---	3	Gen Ed Cultures
CLS 150	Latin American History & Culture	3	SPN 125	Introduction to Hispanic Culture & Society	3	Gen Ed Cultures or Gen Ed Soc. Sci.
CLS 160	East Asian Cultures	3	---	---	3	Gen Ed Cultures
CLS 164	Japanese History and Culture	3	---	---	3	Gen Ed Cultures
CLS 172	Russian Civilization	3	---	---	3	Gen Ed Cultures
<b>SOCIAL SCIENCES</b> – 9 credits minimum – <i>Requires one course from each area; A, B, and C.</i>						
<b>A. People and Their Relationships – 3 credits minimum</b>						
PSY 111	Introduction to Psychology	3	PSY 190	General Psychology	3	Gen Ed Soc. Sci.
SOC 110	Introduction to Sociology	3	SOC 110	Principles of Sociology	3	Gen Ed Soc. Sci.
<b>B. American Society – 3 credits minimum</b>						
HIS 151	U.S. History to 1877	3	HIST 110	American History to 1877	3	Gen Ed Soc. Sci.
HIS 152	U.S. History Since 1877	3	HIST 111	American History Since 1877	3	Gen Ed Soc. Sci.
POL 111	American National Government	3	PS 100	U.S. Government	3	Gen Ed Soc. Sci.
<b>C. Topics in Social Sciences – 3 credits minimum</b>						
GEO 121	World Regional Geography	3	GEOG 200	World Regional Geography	3	Gen Ed Soc. Sci.
POL 121	International Relations	3	PS 211	International Relations	3	Gen Ed Soc. Sci.
POL 125	Comparative Government and Politics	3	PS 212	Comparative Politics	3	Gen Ed Soc. Sci.
PSY 121	Developmental Psychology	3	EDU 142	Human Growth, Development and Guidance	3	Gen Ed Soc. Sci.

### Elective Transfer Table (continued)

HCC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>SOCIAL SCIENCES</b> – 9 credits minimum – <i>Requires one course from each area; A, B, and C. – (continued)</i>						
<b>C. Topics in Social Sciences</b> – 3 credits minimum – (continued)						
PSY 251	Social Psychology <i>(Spring Only)</i>	3	PSY 310	Social Psychology (also SOC 310) *	3	Free Elective
SOC 115	Social Problems	3	SOC 220	Social Problems	3	Gen Ed Soc. Sci.
SOC 120	Marriage and Family	3	SOC 361	Marriage and the Family *	3	Free Elective
SOC 135	Death and Dying	3	PSY 321	Death and Dying *	3	Gen Ed Soc. Sci. or Gen Ed Cultures
SOC 208	Intro to Cultural Anthropology <i>(Spring Only)</i>	3	ANTH 110	Introduction to Cultural Anthropology	3	Gen Ed Cultures or Gen Ed Soc. Sci.
SOC 220	Sociology of Aging	3	---	---	3	Gen Ed Soc. Sci.
<b>COMMUNICATIONS</b> – 9 credits minimum						
<b>A. Written Communications</b> – 6 credits minimum						
ENG 105	Composition I	3	ENG 101	English Composition I *	3	Gen Ed Comm./Wrtg
ENG 106	Composition II	3	ENG 102	English Composition II *	3	Gen Ed Comm./Wrtg
<b>B. Oral Communications</b> – 3 credits minimum						
SPC 101	Fundamentals of Oral Communication	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral
<b>SOCIAL DIVERSITY</b> – 3 credits minimum						
COM 148	Diversity and the Media	3	---	---	3	Gen Ed Cultures
EDU 223	Multicultural Education <i>(For Education Emphasis Only)</i>	3	EDU 162	Diversity for Teachers	3	Gen Ed Cultures
LIT 133	Minority Voices in U.S. Literature	3	---	---	3	Gen Ed Cultures
PSY 262	Psychology of Gender	3	PSY 260	Gender Roles (also SOC 260) *	3	Gen Ed Soc. Sci.
SOC 200 OR SOC 205	Minority Group Relations Diversity in America	3	SOC 240	Diversity in the United States	3	Gen Ed Cultures or Gen Ed Soc. Sci.
WST 101	Women's Studies	3	---	---	3	Free Elective
<b>ELECTIVE COURSES</b> – 22 credits minimum						
<b>A. Required Elective Courses</b> – 1 credit minimum						
SDV 108	The College Experience	1	---	---	1	Free Elective
SDV 109	College 101	3	---	---	3	Free Elective
<b>B. Suggested Elective Courses for the Liberal Arts</b> – 21 credits minimum <i>Electives are courses beyond general education requirements. May include courses from any area (Natural Science &amp; Math, Humanities, Social Science, or Social Diversity). Up to 16 technical credits may be used as electives. Additional courses may be available. For more information, contact a Hawkeye Community College advisor.</i>						
ACC 131	Principles of Accounting I	4	ACCT 201	Accounting Principles I	4	Free Elective
ACC 132	Principles of Accounting II	4	ACCT 202	Accounting Principles II *	4	Free Elective
ART 133	Drawing	3	ART 110	Drawing	3	Gen Ed Arts/Humn.
ART 134	Drawing II	3	ART 210	Intermediate Drawing *	3	Gen Ed Arts/Humn.
ART 143	Painting	3	ART 202	Painting *	3	Gen Ed Arts/Humn.
ART 144	Painting II	3	---	---	3	Gen Ed Arts/Humn.
ART 173	Ceramics	3	ART 222	Ceramics/Hand Building	3	Gen Ed Arts/Humn.
ART 174	Ceramics II	3	---	---	3	Free Elective
ART 184	Photography	3	---	---	3	Gen Ed Arts/Humn.
BIO 151	Nutrition	3	BIO 165	Human Biology and Nutrition	3	Gen Ed Nat. Sci.

**Elective Transfer Table** (continued)

HCC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>ELECTIVE COURSES – 22 credits minimum – (continued)</b>						
<b>B. Suggested Elective Courses for the Liberal Arts – 21 credits minimum – (continued)</b>						
BIO 173	Human Anatomy & Physiology II	4	BIO 275	Human Anatomy and Physiology II •	4	Free Elective
BIO 269	Foodology	3	---	---	3	Free Elective
BUS 102	Introduction to Business	3	---	---	3	Free Elective
BUS 180	Business Ethics	3	BA 225	Business Ethics	3	Free Elective
BUS 183	Business Law	3	BA 302	Business Law and Ethics	3	Free Elective
BUS 210	Business Statistics	3	---	---	3	Free Elective
BUS 230	Quantitative Methods for Business Decision Making	3	---	---	3	Free Elective
CHM 132	Intro to Organic & Biochemistry	4	---	---	4	Gen Ed Nat. Sci.
CHM 175	General Chemistry II	4	CHEM 152	General Chemistry II •	4	Gen Ed Nat. Sci.
CHM 260	Organic Chemistry I	3	---	---	3	Free Elective
CHM 270	Organic Chemistry II	3	---	---	3	Free Elective
COM 140	Introduction to Mass Media	3	COMM 102	Introduction to Mass Media	3	Free Elective
COM 152	ETC: Art and Literary Magazine	2	---	---	2	Free Elective
CRJ 100	Introduction to Criminal Justice	3	CJ 224	Introduction to Criminal Justice	3	Gen Ed Soc. Sci.
CRJ 120 AND CRJ 233	Introduction to Corrections  Probation, Parole, Community-Based Corrections	3 AND 3	CJ 380  (Requires both CRJ 120 & CRJ 233 to transfer as CJ 380)	Introduction to Corrections •@	3 AND 3	Free Elective
CRJ 200	Criminology	3	CJ 333	Criminology •	3	Free Elective
CRJ 201	Juvenile Delinquency	3	CJ 321	Juvenile Delinquency •	3	Free Elective
CRJ 316	Juvenile Justice	3	CJ 315	Juvenile Justice •	3	Free Elective
CRJ 317	White Collar Crime	3	---	---	3	Gen Ed Soc. Sci.
CRJ 318	Crime Analysis	3	---	---	3	Gen Ed Soc. Sci.
CRJ 320	Criminal Justice Ethics	3	CJ 367	Ethics in Criminal Justice •	3	Free Elective
CSC 110 OR CSC 116	Introduction to Computers  Information Computing	3 OR 3	CS 102	Introduction to Computer Applications and Technology	3	Prerequisite
DRA 110	Introduction to Film	3	ENG 290	The Movies (also COMM 290)	3	Gen Ed Arts/Humn.
DRA 130	Acting I	3	THE 213	Principles of Acting	3	Free Elective
ECN 110 OR ECN 130	Introduction to Economics  Principles of Microeconomics	3 OR 3	ECON 160	Principles of Microeconomics	3	Major
ECN 120	Principles of Macroeconomics	3	ECON 161	Principles of Macroeconomics •	3	Major
EDU 130	Home, School, and Community Relations	3	---	---	3	Free Elective
EDU 210	Foundations of Education	3	---	---	3	Free Elective
EDU 235	Children's Literature	3	EDU 333	Literature: Birth-Adolescence	3	Free Elective
EDU 240	Educational Psychology	3	EDU 152	Assessment and Psychology	3	Free Elective
EDU 246	Including Diverse Learners	3	SPED 304	Exceptional Persons •	3	Free Elective
EDU 255	Technology in the Classroom	3	EDU 252	Computers and Instructional Technology	3	Gen Ed Comp. Skills

**Elective Transfer Table** (continued)

HCC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>ELECTIVE COURSES – 22 credits minimum – (continued)</b>						
<b>B. Suggested Elective Courses for the Liberal Arts – 21 credits minimum – (continued)</b>						
EDU 901	Academic Service Learning Experience	1	---	---	1	Free Elective
EDU 920	Field Experience	1	---	---	1	Free Elective
ENG 221	Creative Writing	3	ENG 170	Intro to Creative Writing •	3	Gen Ed Arts/Humn.
ENG 230	Creative Writing: Fiction	3	---	---	3	Free Elective
ENG 235	Playwriting and Screenwriting	3	---	---	3	Gen Ed Arts/Humn.
FLS 151	Elementary Spanish I	5	SPN 101	Beginning Spanish I	5	Gen Ed Arts/Humn.
FLS 152	Elementary Spanish II	5	SPN 102	Beginning Spanish II •	5	Gen Ed Arts/Humn.
FLS 241	Intermediate Spanish I	4	SPN 201	Intermediate Spanish I •	4	Gen Ed Arts/Humn.
FLS 242	Intermediate Spanish II	4	SPN 202	Intermediate Spanish II •	4	Gen Ed Arts/Humn.
HIS 201	Iowa History	3	HIST 222	History of Iowa	3	Gen Ed Soc. Sci.
HIS 257	African American History	3	HIST 330	African American History	3	Gen Ed Soc. Sci.
HUM 140	Shakespeare: Dramatist, Psychologist, Historian	3	---	---	3	Gen Ed Arts/Humn.
HUM 141	J.R.R. Tolkien: Mythology and Methodology	3	ENG 135	Tolkien	3	Gen Ed Arts/Humn.
LIT 189	Women and Literature	3	---	---	3	Free Elective
LIT 949	Special Topics	1	---	---	1	Free Elective
MAT 102	Intermediate Algebra	4	---	---	4	Free Elective
<b>MAT 216</b>	<b>Calculus II</b>	<b>4</b>	<b>MATH 200</b>	<b>Calculus II •</b>	<b>4</b>	<b>Major</b>
MAT 219	Calculus III	4	MATH 215	Multivariable Calculus •	4	Major
MGT 101	Principles of Management	3	BA 210	Management Principles	3	Free Elective
<b>MGT 208</b>	<b>Intro to Information Systems</b>	<b>3</b>	<b>CS 130</b>	<b>Foundations of Info Systems •</b>	<b>3</b>	<b>Major</b>
MIL 103	Military Survival Skills	2	---	---	2	Free Elective
MIL 110	Leadership and Personal Development (ROTC at UNI)	1	---	---	1	Free Elective
MIL 115	Foundations of Tactical Leadership (ROTC at UNI)	1	---	---	1	Free Elective
MIL 121	Leadership and Decision Making (ROTC at UNI)	2	---	---	2	Free Elective
MIL 122	Leadership in Changing Environment (ROTC at UNI)	2	---	---	2	Free Elective
MKT 110	Principles of Marketing	3	MKT 208	Marketing Principles	3	Free Elective
MUA 101	Applied Voice	1	---	---	1	Free Elective
MUA 106	Class Voice	1	---	---	1	Free Elective
MUA 120	Applied Piano	1	---	---	1	Free Elective
MUA 121	Applied Piano II	2	---	---	2	Free Elective
MUA 180	Applied Percussion	1	---	---	1	Free Elective
MUA 181	Applied Percussion II	1	---	---	1	Free Elective
MUS 102	Music Fundamentals	3	---	---	3	Gen Ed Arts/Humn.
MUS 154	Chorus	1	MUS 121	Concert Choir	1	Free Elective
MUS 202	World Music	3	---	---	3	Free Elective
PEA 117	Bowling I	1	---	---	1	Free Elective
PEA 123	Circuit Training	1	EXSS 100	Activity Courses - Aerobics	1	Free Elective



**Elective Transfer Table** (continued)

HCC ELECTIVES			Transfers as UIU Course			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>ELECTIVE COURSES – 22 credits minimum – (continued)</b>						
<b>B. Suggested Elective Courses for the Liberal Arts – 21 credits minimum – (continued)</b>						
PEA 145	Crosstraining and Core Fitness	1	---	---	1	Free Elective
PEA 150	Powerwalking	1	EXSS 100	Activity Courses - Walking	1	Free Elective
PEA 187	Weight Training I	1	EXSS 100	Activity Courses - Weight Training	1	Free Elective
PEA 191	Pilates	1	---	---	1	Free Elective
PEA 194	Vinyasa Yoga	1	---	---	1	Free Elective
PEA 287	Weight Training II	1	---	---	1	Free Elective
PEA 294	Weight Training III	1	---	---	1	Free Elective
PEC 110	Coaching Ethics, Techniques, and Theory	1	EXSS 288	Ethics and Legal Responsibilities of Coaches	1	Free Elective
PEC 115	Athletic Development and Human Growth	1	---	---	1	Free Elective
PEC 123	Anatomy for Coaching	1	---	---	1	Free Elective
PEC 127	Care and Prevention of Athletic Injuries	2	AT 166	Care and Prevention of Athletic Injuries	2	Free Elective
PEH 111	Personal Wellness	3	---	---	3	Free Elective
PEH 141	First Aid	2	EXSS 102	First Aid/CPR/AED Programs	2	Free Elective
PEH 162	Intro to Physical Education	3	---	---	3	Free Elective
PEH 193	Sports Nutrition	2	---	---	2	Free Elective
PEH 909	Cooperative Education	1	---	---	1	Free Elective
PHI 121	Classical/Medieval Philosophy	3	---	---	3	Gen Ed Arts/Humn.
PHY 100	Physics in Everyday Life	3	PHY 105	Conceptual Physics	3	Gen Ed Nat. Sci.
PHY 172 OR PHY 222	College Physics II  Classical Physics II	4 OR 5	PHY 113 & PHY 114	Intro Physics II (3) & Intro Physics Lab II (1) •	4 OR 5	Gen Ed Nat. Sci.
PSY 241	Abnormal Psychology	3	---	---	3	Free Elective
PSY 261	Human Sexuality	3	PSY 270	Human Sexuality	3	Gen Ed Soc. Sci.
SDV 131	Career Exploration	2	---	---	2	Free Elective
SOC 160	Introduction to Social Work	3	PSY 221	Intro to Human Services •	3	Free Elective
SOC 180	Social Work Interactional Skills	3	---	---	3	Free Elective
SOC 181	Field Experience	1	---	---	1	Free Elective
SOC 850	Cultural Immersion Field Experience	1	---	---	1	Free Elective
SPC 112	Public Speaking	3	---	---	3	Free Elective
SPC 120	Intercultural Communications	3	COMM 221	Intercultural Communication	3	Gen Ed Cultures
SPC 122	Interpersonal Communication	3	---	---	3	Free Elective
SPC 132	Group Communication	3	---	---	3	Free Elective
SPC 140	Oral Interpretation	3	THE 240	Oral Interpretation	3	Gen Ed Comm./Oral