

**Program Transfer Guide**  
**Kirkwood Community College Associate of Applied Science (AAS) in**  
**Parks and Natural Resources**  
**→ UIU Bachelor of Science (BS) in**  
**Conservation Management**  
**AUGUST 2019**



**Years 1 & 2 at Kirkwood Community College:**

KCC Program Courses			Course Transfers into UIU as			
Course ID	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>ENG 105</b> <i>OR</i>	<b>Composition I</b>	<b>3</b> <i>OR</i>	<b>ENG 101</b> <i>OR</i>	<b>English Composition I *</b>	<b>3</b> <i>OR</i>	<b>Gen Ed Comm./Wrtn</b>
COM 723	Workplace Communications	3	COMM 307	Business & Professional Communication *	3	Free Elective
SPC 101	Fundamentals of Oral Comm.	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral
AGN 220 <i>AND</i> AGN 223	Avian Wildlife  Aquatic Wildlife	3 <i>AND</i> 3	BIO 220	Zoology * <sup>@</sup> <i>(Requires any two of the following: AGN220, AGN223, AGN226)</i>	3 <i>AND</i> 3	Cnsrvtn Mgmt. Core & Gen Ed Nat. Sci.
AGN 226	Mammalian Wildlife	3	---	---	3	Free Elective
AGH 220 <i>AND</i> AGH 236	Plant Identification I  Plant Material Maintenance	3 <i>AND</i> 3	BIO 231	General Botany * <sup>@</sup> <i>(Requires both AGH220 &amp; AGH236)</i>	3 <i>AND</i> 3	Cnsrvtn Mgmt. Core
AGN 140 <i>AND</i> AGN 280	Native Plants  Introduction to Forestry	3 <i>AND</i> 3	BIO 280	Plants of Iowa * <sup>@</sup> <i>(Requires both AGN140 &amp; AGN280)</i>	3 <i>AND</i> 3	Cnsrvtn Mgmt. Core
AGC 932	Internship	3	BIO 403	Field Internship	3	Cnsrvtn Mgmt. Core
AGH 238	Soil & Water Conservation	3	ES 220	Soil & Water Conservation	3	Cnsrvtn Mgmt. Core
AGC 313	Leadership in Agriculture	1	---	---	1	Free Elective
AGH 102	Horticulture Math	3	---	---	3	Free Elective
AGH 110	Success in Horticulture	1	---	---	1	Free Elective
AGH 150	Equipment Operations Lab	1	---	---	1	Free Elective
AGH 157	Equipment Operations	2	---	---	2	Free Elective
AGH 283	Pesticide Application Cert.	2	---	---	2	Free Elective
AGN 105	Applications of Nat. Resources	3	---	---	3	Free Elective
AGN 235	Park & Recreation Admin.	3	---	---	3	Free Elective
AGN 240	Natural Resources Interpretation	3	---	---	3	Free Elective
AGN 244	Wildlife Management	3	---	---	3	Free Elective
AGN 248	Natural Resources Appreciation	3	---	---	3	Free Elective
Select 6 credits from Technical Electives table		6	<i>See KCC Electives Table under Technical Electives heading</i>		6	Free Elective
Social Science Elective		3	<i>See KCC Electives Table under Social Science Electives heading</i>		3	Gen Ed Soc. Sci.
Humanities Elective		3	<i>See KCC Electives Table under Humanities Electives heading</i>		3	<i>See Elective Table</i>
Total occupational course credits earned#:		70	Total course credits accepted#:		70	
Total credits required for graduation:		70				

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>				
	any Gen Ed in Arts/Humanities	3	Gen Ed Arts/Humanities	TBD
	any Gen Ed in Arts/Humanities	3	Gen Ed Arts/Humanities	---
ENG 101	English Composition I	3	Gen Ed Comm./Wrtn	ENG 105
ENG 102	English Composition II	3	Gen Ed Comm./Wrtn	---
COMM 105	Public Speaking	3	Gen Ed Comm./Oral	SPC 101
CS 102	Intro Computer Appl's & Technology	3	Gen Ed Computer Skills	---
MATH 105 or higher	College Algebra w/ Applications	3	Gen Ed Mathematics	UIU Math Options
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	BIO 135
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	BIO 220
	any Gen Ed in Social Science	3	Gen Ed Social Science	Social Sci. Electives
	any Gen Ed in Social Science	3	Gen Ed Social Science	---
	any Gen Ed in Cultures	3	Gen Ed Cultures	---
<b>Major Courses</b>				
BIO 135	Principles of Biology I	4	Conservation Core	---
BIO 220	Zoology	4	Conservation Core	Two of AGN220, AGN223, AGN226
BIO 231	General Botany	4	Conservation Core	AGH 220 & AGN 236
BIO 280	Plants of Iowa	4	Conservation Core	AGN 140 & AGN 280
BIO 335	Ecology	4	Conservation Core	---
BIO 365	Conservation Biology	3	Conservation Core	---
BIO 403	Field Internship *	3	Conservation Core	AGC 932
BIO 496	Senior Project *	2	Conservation Core	---
ES 220	Soil and Water Conservation	3	Conservation Core	AGH 238
GEOG 356	Intro to Geographic Information Systems	3	Conservation Core	---
1 of the following:		3-4	Conservation Core	---
BIO 430	Wildlife Management • (3)			
BIO 435	Fisheries Management • (4)			
1 of the following:		3	Major	---
MATH 105	College Mathematics with Applications •			
MATH 107	College Algebra •			
MATH 115	Trigonometry & Analytic Geometry •			
MATH 120	Calculus I •			
MATH 200	Calculus II •			
11 credits from the following:		11	Major	---
MATH 220	Elementary Statistics • (3)	BIO 301	Individual Research in the Biology Sciences • (1)	
BIO 315	Ichthyology (4)	BIO 323	Plant Nutrition • (3)	
BIO 325	Plant Physiology • (4)	BIO 385	Ornithology (4)	
BIO 391	Mammalogy (4)	BIO 393	Herpetology (4)	
BIO 428	Plant Pathology (4)	BIO 430	Wildlife Management • (4)	
BIO 435	Fisheries Management • (3)	BIO 470	Wildlife Forensics (3)	
BIO 490	Entomology (4)	ES 326	Soil Genesis Classification & Morphology • (4)	
Upper-Division Elective (if MATH 220 selected; increase by 3 credits)		6	Degree Requirements	----
Total additional credits needed at UIU to complete degree:		54-58		
Total transferable credits from KCC:		70		
<b>Total Earned Credits:</b>		<b>124-128</b>		

Courses to be taken at Upper Iowa University

## ~~ NOTES ~~

**LEGEND:**

- # Transfer grades lower than a C- will not be accepted.
- **Bolded** text indicates UIU recommendations.
- • Course has a prerequisite.
- *Grayed out text* indicates courses fulfilled through transfer. Strikethrough indicates specific course if within grouping.
- @ 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.

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

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.

## APPENDIX

### *KCC Electives Table*

KCC Elective Courses			Course Transfers into UIU as			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>Humanities Electives</b>						
ART 101	Art Appreciation	3	ART 100	Introduction to Art	3	Gen Ed Arts/Humn.
ART 143	Painting	3	ART 202	Painting •	3	Gen Ed Arts/Humn.
ART 163	Sculpture	3	ART 225	Sculpture •	3	Gen Ed Arts/Humn.
ART 173	Ceramics	3	ART 222	Ceramics/Hand Building	3	Gen Ed Arts/Humn.
ART 184	Photography	3	---	---	3	Gen Ed Arts/Humn.
ART 186	Digital Photography	3	GRAF 218	Digital Photography & Editing	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	3	ART 212	Art History II	3	Gen Ed Arts/Humn.
ART 420	Introduction to Glass	3	---	---	3	Gen Ed Arts/Humn.
DRA 101	Introduction to Theatre	3	THE 110	Introduction to Theatre	3	Gen Ed Arts/Humn.
DRA 116	Film Analysis	3	---	---	3	Gen Ed Arts/Humn.
DRA 125	Introduction to Play Analysis	3	---	---	3	Gen Ed Arts/Humn.
HUM 105	Working in America	3	---	---	3	Gen Ed Arts/Humn.
HUM 116	Encounters in Humanities	3	---	---	3	Gen Ed Arts/Humn.
HUM 123	U.S. Film History	3	ENG 290	The Movies (also COMM 290)	3	Gen Ed Arts/Humn.
HUM 124	World Film History	3	---	---	3	Gen Ed Arts/Humn.
HUM 190	Culture and Technology	3	---	---	3	Gen Ed Cultures
MUS 100	Music Appreciation	3	MUS 100	Introduction to Music	3	Gen Ed Arts/Humn.
MUS 127	Great Composers	3	---	---	3	Gen Ed Arts/Humn.
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.
PHI 111	Basic Reasoning	3	---	---	3	Free Elective
PHI 130	Philosophy of Human Nature	3	---	---	3	Gen Ed Arts/Humn.

### ***KCC Electives Table***

<b>KCC Elective Courses</b>			<b>Course Transfers into UIU as</b>			
Course Id	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled
<b>Humanities Electives (continued)</b>						
LIT 180	Mythology	3	ENG 216	Mythology	3	Gen Ed Arts/Humn.
LIT 203	Forms of Literature: Story Cycle	3	---	---	3	Gen Ed Arts/Humn.
LIT 204	Forms of Literature: Nonfiction	3	---	---	3	Gen Ed Arts/Humn.
LIT 205	Forms of Literature: Drama	3	---	---	3	Gen Ed Arts/Humn.
LIT 206	Forms of Literature: Fiction	3	---	---	3	Gen Ed Arts/Humn.
LIT 207	Forms of Literature: Poetry	3	---	---	3	Gen Ed Arts/Humn.
LIT 208	Forms of Literature: New Media	3	---	---	3	Gen Ed Arts/Humn.
LIT 209	Forms of Literature: Film Adaptation	3	---	---	3	Gen Ed Arts/Humn.
LIT 222	Literature & Culture: American Dreams	3	---	---	3	Gen Ed Arts/Humn.
LIT 224	Literature & Culture: Women & Work	3	---	---	3	Gen Ed Arts/Humn.
LIT 225	Literary Themes: Beyond Bartleby: Images of Business and Labor in Literature and Film	3	---	---	3	Gen Ed Arts/Humn.
LIT 226	Literary Themes: Literature and the Search for Identity	3	---	---	3	Gen Ed Arts/Humn.
LIT 227	Literature & Culture: World Poetry	3	---	---	3	Gen Ed Arts/Humn.
DRA 117	Film Topics	3	---	---	3	Gen Ed Arts/Humn.
HUM 142	Popular Culture	3	---	---	3	Gen Ed Arts/Humn.
HUM 200	International Study in Humanities	3	---	---	3	Gen Ed Arts/Humn.
MUS 207	Introduction to Film Music	3	---	---	3	Gen Ed Arts/Humn.
MUS 208	American Popular Music & Jazz	3	MUS 200	American Jazz Styles	3	Gen Ed Arts/Humn.
MUS 209	Topics in Western Music History	3	---	---	3	Gen Ed Arts/Humn.
PHI 125	Native American Philosophies	3	---	---	3	Gen Ed Arts/Humn.
PHI 126	Chinese Philosophies	3	---	---	3	Gen Ed Arts/Humn.
PHI 132	Philosophy of Education	3	---	---	3	Gen Ed Arts/Humn.
PHI 135	Multicultural Ethics	3	---	---	3	Gen Ed Arts/Humn.
PHI 150	Social & Political Philosophy	3	---	---	3	Gen Ed Arts/Humn.
PHI 160	Environmental Ethics	3	---	---	3	Gen Ed Arts/Humn.
<b>Social Science Electives</b>						
<b>CRJ 100</b>	<b>Introduction to Criminal Justice</b>	<b>3</b>	<b>CJ 224</b>	<b>Intro to Criminal Justice</b>	<b>3</b>	<b>Gen Ed Soc. Sci.</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>Technical Electives</b>						
AGN 270	Watershed Assessment & Mgmt.	3	---	---	3	Free Elective
AGN 250	Park Maintenance Programs	3	---	---	3	Free Elective
AGN 260	Wildland Firefighter Training	3	---	---	3	Free Elective
AGN 300	Rain Gardens & Bioretention Cells	3	---	---	3	Free Elective
AGH 144	Landscape Construction	3	---	---	3	Free Elective
AGH 264	Hydroponic Production	3	---	---	3	Free Elective