

Program Transfer Guide

**Hawkeye Community College Associate in Applied Science (AAS) in
NATURAL RESOURCES MANAGEMENT
→ UIU Bachelor of Science (BS) in
CONSERVATION MANAGEMENT**

APRIL 2019



HCC Course			Transfers as UIU Course			
Course ID	Course Name	# Cr	Course ID	Course Name	# Cr	Requirement Fulfilled
CNS 107	Outdoor Recreation Techniques	1	---	---	1	Free Elective
CNS 110	Equipment Operation & Safety <i>(Offered fall semester only)</i>	2	---	---	2	Free Elective
OR						
CHM 122	Intro to General Chemistry	4	---	---	4	Gen Ed Nat. Sci.
OR						
CHM 165	General Chemistry I	4	CHEM 151	General Chemistry I	4	Gen Ed Nat. Sci.
CNS 121	Environmental Conservation	3	ES 161	Intro to Environmental Science	3	Free Elective
CNS 204	Native Vegetation	3	BIO 280	Plants of Iowa [®]	3	Cnsrvtn Mgmt. Core
AND		AND			AND	
CNS 138	Woodland Management	3			3	
MAT 102	Intermediate Algebra	4	---	---	4	Free Elective
OR						
MAT 772	Applied Math	3	---	---	3	Free Elective
OR						
MAT 110	Math for Liberal Arts	3	---	---	3	Free Elective
OR						
MAT 156	Statistics	3	MATH 220	Elementary Statistics	3	Cnsrvtn Mgmt. Elective
OR						
MAT 122	College Algebra	3	MATH 107	College Algebra	3	Cnsrvtn Mgmt. Math
CNS 108	Wildlife Identification	3	BIO 220	Zoology [®] ☆	3	Cnsrvtn Mgmt. Core
AND		AND			AND	
CNS 109	Wildlife Ecology	3			3	
ENG 105	Composition I	3	ENG 101	English Composition I	3	Gen Ed Comm./Wrtn
OR						
COM 781	Written Comm. In the Workplace	3	---	---	3	Free Elective
AGA 284	Pesticide Application Certification	3	---	---	3	Free Elective
OR						
BIO 112	General Biology	4	BIO 135	Principles of Biology I	4	Cnsrvtn Mgmt. Core
CNS 136	Aquatic Management	3	ES 220	Soil/Water Conservation [®]	3	Cnsrvtn Mgmt. Core
AND		AND			AND	
AGA 154	Fundamentals of Soil Science	3			3	
PSY 102	Human and Work Relations	3	---	---	3	Free Elective
OR						
PSY 111	Introduction to Psychology	3	PSY 190	General Psychology	3	Gen Ed Soc. Sci.
OR						
SOC 110	Introduction to Sociology	3	SOC 110	Principles of Sociology	3	Gen Ed Soc. Sci.
SPC 101	Fund of Oral Communication	3	COMM 105	Public Speaking	3	Gen Ed Comm./Oral
---	Elective	1	---	---	1	Free Elective
OR						
AGC 103	Ag Computers (Elective)	3	CS 102	Intro Computer Apps & Tech	3	Gen Ed Computer Skills
AGT 805	Employment Experience	5	BIO 403	Field Internship [☆]	5	Cnsrvtn Mgmt. Core
Electives & Remaining courses required by HCC		20-21	---	---	20-21	HCC requirements

Total occupational course credits earned: 65-72
 Total credits required for graduation: 65
 Total transferable credits#: 65-72

Total course credits accepted: 65-72

*UIU recommendations are **bolded**.*

UIU course					# Cr	Requirement Fulfilled	Transfer
	any Gen Ed in Arts/Humanities			3	Gen Ed Arts/Humanities	---	
	any Gen Ed in Arts/Humanities			3	Gen Ed Arts/Humanities	---	
<i>ENG 101</i>	<i>English Composition I</i>			3	<i>Gen Ed Comm./Wrtn</i>	<i>ENG 105</i>	
ENG 102	English Composition II			3	Gen Ed Comm./Wrtn	---	
<i>COMM 105</i>	<i>Public Speaking</i>			3	<i>Gen Ed Comm./Oral</i>	<i>SPC 101</i>	
<i>CS 102</i>	<i>Intro Computer Apps & Technology</i>			3	<i>Gen Ed Computer Skills</i>	<i>AGC 103</i>	
<i>MATH 105</i> <i>or higher</i>	<i>College Algebra w/ Applications</i>			3	<i>Gen Ed Mathematics</i>	<i>MAT 122</i>	
	any Gen Ed in Natural Science			3	<i>Gen Ed Natural Science</i>	<i>CHM 165/BIO 112</i>	
	any Gen Ed in Natural Science			3	<i>Gen Ed Natural Science</i>	<i>AGA 154</i>	
	any Gen Ed in Social Science			3	<i>Gen Ed Social Science</i>	<i>PSY 111/SOC 110</i>	
	any Gen Ed in Social Science			3	Gen Ed Social Science	---	
	any Gen Ed in Cultures			3	Gen Ed Cultures	---	
Total of general education credits:				15			
BIO 135	Principles of Biology I			{4}	Major	BIO 112	
<i>BIO 220</i>	<i>Zoology</i>			4	<i>Major</i>	<i>CNS 108 & CNS 109</i>	
BIO 231	General Botany			4	Major	---	
<i>BIO 280</i>	<i>Plants of Iowa</i>			4	<i>Major</i>	<i>CNS 204 & CNS 138</i>	
BIO 335	Ecology			4	Major	---	
BIO 365	Conservation Biology			3	Major	---	
<i>BIO 403</i>	<i>Field Internship</i>			3	<i>Major</i>	<i>AGT 805</i>	
BIO 496	Senior Project			2	Major	---	
<i>ES 220</i>	<i>Soil & Water Conservation</i>			3	<i>Major</i>	<i>AGA 154 & CNS 136</i>	
GEOG 356	Intro to Geographic Information Sys.			3	Major	---	
<i>1 of the following:</i>				3-4	Major	---	
BIO 430	Wildlife Management (4)			BIO 435	Fisheries Management (3)		
<i>1 of the following:</i>				{3}	Major	MAT 122	
MATH 105	College Mathematics with Apps.			MATH 120	Calculus I •		
MATH 107	College Algebra			MATH 200	Calculus II •		
MATH 115	Trigonometry & Analytic Geometry						
<i>Electives from the following:</i>				11	Major	---	
BIO 301	Individual Research in the Biology Sciences (1)			BIO 428	Plant Pathology (4)		
BIO 315	Ichthyology (4)			BIO 430	Wildlife Management (4)		
BIO 323	Plant Nutrition (3)			BIO 435	Fisheries Management (3)		
BIO 325	Plant Physiology (4)			BIO 470	Wildlife Forensics (3)		
BIO 385	Ornithology (4)			BIO 490	Entomology (4)		
BIO 391	Mammalogy (4)			ES 326	Soil Genesis Classification & Morphology (4)		
BIO 393	Herpetology (4)			MATH 220	Elementary Statistics (3)		
Upper-Division Elective				7	Degree Requirements	---	
Elective <i>(If MATH 107 & BIO 135 both taken at HCC)</i>				(3)	Degree Requirements	---	

Courses to be taken at Upper Iowa University

Total major credits required [*] :	40-48
Total general education credits required:	15
Total additional credits needed at UIU to complete degree:	55-63
Total transferable credits from HCC:	65-72
Total Earned Credits:	120-135

~~ NOTES ~~**LEGEND:**

- # Transfer grades lower than a C- will not be accepted.
- **Bolded** are UIU recommendations.
- *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.
- { } credits as part of course selection option. If taken, credits would be deducted from “Total additional credits needed to complete degree respectively.
- ♣ Total range excludes grayed out credits (as per recommendations). On the low side, credits in { } are excluded and lowest credits counted if multiple in a range. On the high side, credits in { } are included and highest credits counted if in range.
- ☀ Individually approved articulation for HCC’s Natural Resources Management (AAS) major.
- **Gray background** indicates parts of an optional path. If course elective was taken for any highlighted course, the credits amount would count for electives and course requirement but not upper-division requirements.
- • Course has a prerequisite.

A minimum of 120 semester credits is required for a Bachelor of Science 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 March 2019 course-to-course articulation (UIU 2018-2019 catalog & HCC 2018-2019 catalog).

Course equivalencies for this program that vary from the full HCC/UIU Course Articulation have been approved by both institutions.

Approved by:

Dr. P. Joan Poor
Provost

Date

Dr. Jane Bradley

Date

Provost and Vice President of Academic Affairs

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.