### **Program Transfer Guide**

## Hawkeye Community College Associate of Applied Science (AAS) in

#### **NATURAL RESOURCES MANAGEMENT**

→ UIU Bachelor of Science (BS) in

**CONSERVATION MANAGEMENT** 

**AUGUST 2020** 



**EDUCATION BUILT FOR LIFE** 

## Years 1 & 2 at Hawkeye Community College:

CNS 107   Outdoor Recreation Techniques   1	HCC	<b>Program Course Sequence</b>	Course Transfers into UIU as					
CNS 110   Equipment Operation and Safety   2	Course ID	Course Name	# Cr	Course Id	Course Name	# Cr	Requirement Fulfilled	
CNS 121   Environmental Conservation   3   ES 161   Intro to Environmental Sci.   3   Gen Ed Nat. Sci.	CNS 107	Outdoor Recreation Techniques	1			1	Free Elective	
ENG 105	CNS 110	Equipment Operation and Safety	2			2	Free Elective	
OR COM 781         Written Comm in the Workplace         3	CNS 121	Environmental Conservation	3	ES 161	Intro to Environmental Sci.	3	Gen Ed Nat. Sci.	
COM 781         Written Comm in the Workplace         3	ENG 105	Composition I	3	ENG 101	English Composition I	3	Gen Ed Comm./Wrtn	
MAT 156								
OR MAT 102 OR MAT 102 OR MAT 110 Intermediate Algebra         OR O								
MAT 102 OR		Statistics		MATH 220	Elementary Statistics		Cnsrvtn Mgmt. Elective	
OR MAT 110 OR OR         Math for Liberal Arts         3 or		Intermediate Algebra					Froe Flooting	
MAT 110 OR MAT 121 College Algebra (Elective) A AGA 154 AND CNS 136 AND OR AND CNS 136 AND OR AND OR AND CNS 136 AND OR BIO 122 General Biology I A BIO 135 CNS 104 CNS 104 CNS 104 CNS 104 CNS 104 CNS 104 CNS 105 CNS 104 CNS 104 CNS 105 CNS 104 CNS 105 CNS 105 CNS 105 CNS 105 CNS 106 AND CNS 107 CNS 107 CNS 108 CNS		Intermediate Algebra					Free Elective	
OR MAT 121         College Algebra (Elective)         4         MATH 107         College Algebra         4         Cnsrvtn Mgmt. Math           AGA 154 AND CNS 136         Fundamentals of Soil Science AND CNS 136         3         ES 220         Soil & Water Conservation® 3 Cnsrvtn Mgmt. Core         3         Cnsrvtn Mgmt. Core           AND CNS 136         Aquatic Management         3           3         Free Elective           BID 112 General Biology I         4         BIO 135         Principles of Biology I         4         Cnsrvtn Mgmt. Core           AGP 340 Foundations of GIS and GPS         3           3         Free Elective           CNS 108 Outdoor Recreation II         1           1         Free Elective           CNS 108 AND Outdoor Recreation II         1           1         Free Elective           CNS 108 AND Outdoor Recreation II         3         BIO 220 Zoology®         3         Cnsrvtn Mgmt. Core           CNS 138 Or Midlife Ecology         3         3           3         Free Elective           CNS 138 Or Midlife Ecology         3         3           3         Free Elective           CNS 138 Or Midlife E		Math for Liberal Arts					Free Flective	
AGA 154 AND CNS 136 Aquatic Management 3 AGA 284 OR BIO 112 General Biology I 4 BIO 135 Principles of Biology I 4 Cnsrvtn Mgmt. Core AGP 340 CNS 108 AND CNS 108 AND CNS 109 Wildlife Ecology CNS 138 AND CNS 139 AND CNS 130 AND CNS 143 Free Elective  CNS 180 OR ENG 106 Composition II 3 BIO 220 AND CNS 138 AND CNS 205 Adv. Outdoor Recreation Techniques 1 CNS 205 Adv. Outdoor Recreation Techniques 1 CNS 228 Natural Areas Management 3 CNS 228 ADV. CNS 228 Natural Areas Management 3 CNS 228 ADV. CNS 101 Introduction to Sociology AGT SOC 110 OR PSY 101 Introduction to Psychology AGT SOC 101 CNS 134 AGT 805 Employment Experience 5 BIO 403 Free Elective  Soll 40 Free Elective  AND CNS 200 CNS 201 CNS 203 AGC Sociology AGC S		Width for Elberal / it is				_	Tree Elective	
AND CNS 136 Aquatic Management 3 3	<b>MAT 121</b>	College Algebra (Elective)	4	<b>MATH 107</b>	College Algebra	4	Cnsrvtn Mgmt. Math	
CNS 136         Aquatic Management         3         —         —         3         Free Elective           AGA 284 OR BIO 112         Pesticide Application Certification OR BIO 112         3         Free Elective         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —         —	AGA 154	Fundamentals of Soil Science	3	ES 220	Soil & Water Conservation@	3	Cnsrvtn Mgmt. Core	
AGA 284 Pesticide Application Certification OR OR BIO 112 General Biology I 4 BIO 135 Principles of Biology I 4 Cnsrvtn Mgmt. Core  AGP 340 Foundations of GIS and GPS 3 1 Free Elective  CNS 104 Outdoor Recreation II 1 1 Free Elective  CNS 108 Wildlife Identification 3 BIO 220 Zoology 3 Cnsrvtn Mgmt. Core  AND			AND			AND		
OR BIO 112     General Biology I     4     BIO 135     Principles of Biology I     4     Cnsrvtn Mgmt. Core       AGP 340     Foundations of GIS and GPS     3       3     Free Elective       CNS 104     Outdoor Recreation II     1      1     Free Elective       CNS 108     Wildlife Identification     3     BIO 220     Zoology <sup>®</sup> 3     Cnsrvtn Mgmt. Core       AND     AND     AND     AND     AND     AND       CNS 109     Wildlife Ecology     3       3     Free Elective       CNS 180     Principles of Interpretation     2       2     Free Elective       OR     Principles of Interpretation     2       2     Free Elective       OR     OR     BIO 280     Plants of Iowa <sup>®</sup> 3     Major       CNS 138     Woodland Management     3     BIO 280     Plants of Iowa <sup>®</sup> 3     Major       CNS 204     Native Vegetation     3       1     Free Elective       CNS 228     Natural Areas Management     3       1     Free Elective       PSY 102     Human and Work Relations     3     SOC 110     OR <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>								
BIO 112 General Biology I 4 BIO 135 Principles of Biology I 4 Cnsrvtn Mgmt. Core  AGP 340 Foundations of GIS and GPS 3 3 Free Elective  CNS 104 Outdoor Recreation II 1 1 Free Elective  CNS 108 Wildlife Identification 3 BIO 220 Zoology 3 Cnsrvtn Mgmt. Core  AND AND AND AND  CNS 109 Wildlife Ecology 3 3 Free Elective  CNS 109 Principles of Interpretation 2 3 Free Elective  CNS 143 Fire Management 3 2 Free Elective  CNS 180 Principles of Interpretation 2 2 Free Elective  CNS 180 Principles of Interpretation 3 ENG 102 English Composition II 3 Gen Ed Comm./Wrtn  CNS 138 Woodland Management 3 BIO 280 Plants of Iowa 3 Major  CNS 204 Native Vegetation 3 1 Free Elective  CNS 205 Adv. Outdoor Recreation Techniques 1 1 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  PSY 102 Human and Work Relations 3 3 Free Elective  SOC 110 Introduction to Sociology 3 SOC 110 Principles of Sociology 3 Gen Ed Soc. Sci.  OR O		Pesticide Application Certification					Free Elective	
AGP 340 Foundations of GIS and GPS 3 3 Free Elective  CNS 104 Outdoor Recreation II 1 1 Free Elective  CNS 108 Wildlife Identification 3 AND AND CNS 109 Wildlife Ecology 3 3 Free Elective  CNS 143 Fire Management 3 3 Free Elective  CNS 180 Principles of Interpretation 2 2 Free Elective  CNS 180 Principles of Interpretation 2 2 Free Elective  CNS 180 Principles of Interpretation 3 ENG 102 English Composition II 3 Gen Ed Comm./Wrtn  CNS 138 Woodland Management 3 BIO 280 Plants of Iowa 9 AND AND CNS 204 Native Vegetation 3 1 Free Elective  CNS 205 Adv. Outdoor Recreation Techniques 1 1 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  CNS 228 Introduction to Sociology OR OR OR SOC 110 Introduction to Psychology 3 PSY 190 General Psychology 3 Gen Ed Soc. Sci.  SPC 101 Fundamentals of Oral Comm. 3 COMM 105 Public Speaking 3 Gen Ed Comm./Oral AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core  CNS 200 Conservation Biology 3 Free Elective  CNS 200 Conservation Biology 3 Free Elective		Company   Biology		DIO 435	Detectals of Piology	-	Constant Manual Cons	
CNS 104 Outdoor Recreation II 1 1 Free Elective  CNS 108				BIO 135			_	
CNS 108 AND CNS 109 Wildlife Ecology AND CNS 109 Wildlife Ecology 3 CNS 143 Fire Management 3 CNS 180 OR ENG 106 Composition II CNS 138 AND CNS 204 Native Vegetation CNS 205 Adv. Outdoor Recreation Techniques CNS 205 CNS 205 Adv. Outdoor Recreation Techniques CNS 208 PSY 102 OR SOC 110 Introduction to Sociology OR SOC 110 Fundamentals of Oral Comm. SPC 101 Fundamentals of Oral Comm. AND AGT 805 Employment Experience CNS 200 CN								
AND CNS 109 Wildlife Ecology 3								
CNS 109 Wildlife Ecology 3		wildlife identification		BIO 220	20010gy <sup>@</sup>		Chsrvth Mgmt. Core	
CNS 143 Fire Management 3 3 Free Elective  CNS 180 Principles of Interpretation 2 2 Free Elective  OR ENG 106 Composition II 3 ENG 102 English Composition II 3 Gen Ed Comm./Wrtn  CNS 138 AND CNS 204 Native Vegetation 3 SIO 280 Plants of Iowa 9 3 Major  CNS 205 Adv. Outdoor Recreation Techniques 1 1 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  PSY 102 Human and Work Relations 3 Free Elective  OR SOC 110 Introduction to Sociology 3 SOC 110 Principles of Sociology 3 Gen Ed Soc. Sci.  SPC 101 Fundamentals of Oral Comm. 3 COMM 105 Public Speaking 3 Gen Ed Comm./Oral  AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core  CNS 200 Conservation Biology 3 Free Elective  ON Tree Elective  3 Free Elective  3 Free Elective  3 Gen Ed Comm./Oral		Wildlife Ecology						
CNS 180 OR Principles of Interpretation 2 OR ENG 106 Composition II 3 ENG 102 English Composition II 3 Gen Ed Comm./Wrtn  CNS 138 AND CNS 204 Native Vegetation 3 SCNS 205 Adv. Outdoor Recreation Techniques 1 1 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  PSY 102 Human and Work Relations 3 SOC 110 Principles of Sociology OR OR SOC 110 Introduction to Psychology 3 SOC 110 Principles of Sociology 3 Gen Ed Soc. Sci.  SPC 101 Fundamentals of Oral Comm. 3 COMM 105 Public Speaking 3 Gen Ed Comm./Oral AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core CNS 200 Conservation Biology 3 Free Elective  4 Free Elective  STOC 100 Conservation Biology 3 Free Elective  4 Free Elective  4 Free Elective  4 Free Elective							Free Flective	
ENG 106 Composition II  CNS 138 AND CNS 204 Native Vegetation  CNS 205 Adv. Outdoor Recreation Techniques  CNS 228 Natural Areas Management  OR  SOC 110 Introduction to Psychology  SPC 101 Fundamentals of Oral Comm.  SPC 101 Fundamentals of Oral Comm.  AGT 805 Employment Experience  CNS 206 CNS 207 Conservation Biology  SOC 134 Wildlife Management  AND  CNS 208 Reneal Psychology  SPC 100 Fundamentals of Oral Comm.  AGT 805 Conservation Biology  AND  CNS 208 PSY 134 Free Elective  BIO 280 Plants of lowa ®  AND  AND  Plants of lowa ®  AND  AND  AND  AND  AND  AND  AND  AN								
CNS 138  Woodland Management		Timespies of meet pretation					Tree Elective	
AND CNS 204 Native Vegetation 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	<b>ENG 106</b>	Composition II	3	ENG 102	English Composition II	3	Gen Ed Comm./Wrtn	
CNS 204 Native Vegetation 3 3 5 5 6 6 6 6 6 C Sci.  CNS 205 Adv. Outdoor Recreation Techniques 1 1 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  PSY 102 OR Human and Work Relations 3 3 Free Elective  SOC 110 Introduction to Sociology 3 SOC 110 Principles of Sociology 3 Gen Ed Soc. Sci.  PSY 111 Introduction to Psychology 3 PSY 190 General Psychology 3 Gen Ed Soc. Sci.  SPC 101 Fundamentals of Oral Comm. 3 COMM 105 Public Speaking 3 Gen Ed Comm./Oral  AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core  CNS 134 Wildlife Management 4 4 Free Elective  CNS 200 Conservation Biology 3 Free Elective	CNS 138	Woodland Management	3	BIO 280	Plants of Iowa <sup>@</sup>	3	Major	
CNS 205 Adv. Outdoor Recreation Techniques 1 1 Free Elective  CNS 228 Natural Areas Management 3 3 Free Elective  PSY 102 Human and Work Relations 3 3 Free Elective  OR SOC 110 Introduction to Sociology OR								
CNS 228 Natural Areas Management 3 3 Free Elective  PSY 102 Human and Work Relations 3 GR  SOC 110 Introduction to Sociology OR  PSY 111 Introduction to Psychology 3 PSY 190 General Psychology 3 Gen Ed Soc. Sci.  SPC 101 Fundamentals of Oral Comm. 3 COMM 105 Public Speaking 3 Gen Ed Comm./Oral  AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core  CNS 134 Wildlife Management 4 4 Free Elective  CNS 200 Conservation Biology 3 Free Elective		<u> </u>						
PSY 102 OR SOC 110 OR Introduction to Sociology OR PSY 111 Introduction to Psychology SPC 101 Fundamentals of Oral Comm. AGT 805 Employment Experience CNS 134 Wildlife Management CNS 200 Conservation Biology  3 SOC 110 Principles of Sociology OR PSY 110 Principles of Sociology OR OR OR Gen Ed Soc. Sci. OR Gen Ed Soc. Sci. SPC 101 Sem Ed Comm./Oral Field Internship Sem Ed Comm./Oral Sem Ed Comm./Oral Field Internship Sem Ed Comm./Oral		i						
SOC 110 Introduction to Sociology OR 3 SOC 110 Principles of Sociology OR 3 Gen Ed Soc. Sci.  PSY 111 Introduction to Psychology 3 PSY 190 General Psychology 3 Gen Ed Soc. Sci.  SPC 101 Fundamentals of Oral Comm. 3 COMM 105 Public Speaking 3 Gen Ed Comm./Oral  AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core  CNS 134 Wildlife Management 4 4 Free Elective  CNS 200 Conservation Biology 3 Free Elective								
SOC 110		Human and Work Relations					Free Elective	
OR PSY 111OR Introduction to PsychologyOR 3PSY 190General Psychology3Gen Ed Soc. Sci.SPC 101Fundamentals of Oral Comm.3COMM 105Public Speaking3Gen Ed Comm./OralAGT 805Employment Experience5BIO 403Field Internship5Cnsrvtn Mgmt. CoreCNS 134Wildlife Management44Free ElectiveCNS 200Conservation Biology33Free Elective		Introduction to Cociology		506 110	Duinciples of Cociology		Con Ed Coo Coi	
PSY 111Introduction to Psychology3PSY 190General Psychology3Gen Ed Soc. Sci.SPC 101Fundamentals of Oral Comm.3COMM 105Public Speaking3Gen Ed Comm./OralAGT 805Employment Experience5BIO 403Field Internship5Cnsrvtn Mgmt. CoreCNS 134Wildlife Management44Free ElectiveCNS 200Conservation Biology33Free Elective		introduction to sociology		300 110	Principles of Sociology		Gen Ed Soc. Sci.	
SPC 101Fundamentals of Oral Comm.3COMM 105Public Speaking3Gen Ed Comm./OralAGT 805Employment Experience5BIO 403Field Internship5Cnsrvtn Mgmt. CoreCNS 134Wildlife Management44Free ElectiveCNS 200Conservation Biology33Free Elective		Introduction to Psychology		PSY 190	General Psychology		Gen Ed Soc. Sci.	
AGT 805 Employment Experience 5 BIO 403 Field Internship 5 Cnsrvtn Mgmt. Core CNS 134 Wildlife Management 4 4 Free Elective CNS 200 Conservation Biology 3 3 Free Elective								
CNS 134 Wildlife Management 4 4 Free Elective CNS 200 Conservation Biology 3 3 Free Elective								
CNS 200 Conservation Biology 3 3 Free Elective					·		•	
9.								
			64-67	т	otal course credits accepted:	64-67	-	

Total credits required for graduation: Total transferable credits#: 64

64-67

UIU recommendations are **bolded**.

Page 1 of 3 Published on: 9/3/2020



# Years 3 & 4 at Upper Iowa University:

	J Program Course List	# Cr	Requirement Fulfilled	Transferred In
<b>General Education C</b>	ourses			
	any Gen Ed in Arts/Humanities	3	Gen Ed Arts/Humanities	
	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	ENG 106
COMM 105	Public Speaking	3	Gen Ed Comm./Oral	SPC 101
CS 102	Intro Computer Appl's & Technology	3	Gen Ed Computer Skills	
	any Gen Ed in Math (MATH 105 or higher)	3	Gen Ed Mathematics	MAT 121
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	CNS 121
	any Gen Ed in Natural Science	3	Gen Ed Natural Science	BIO 112
	any Gen Ed in Social Science	3	Gen Ed Social Science	SOC 110 or PSY 11
	any Gen Ed in Social Science	3	Gen Ed Social Science	
	any Gen Ed in Cultures	3	Gen Ed Cultures	
Prerequisites	any central in cultures	<u> </u>	Gen La canares	
MATH 107	College Algebra	3	Prereg for BIO 430,	MAT 121
Main Course			BIO 435 & MATH 220	
Major Courses	Duta sinta a of Diala and	4	A A mile u	DIO 442
BIO 135		4	Major Major	BIO 112 CNS 108 & CNS 10
	BIO 231 General Botany BIO 280 Plants of lowa		Major	CN3 100 & CN3 10
BIO 280			Major	CNS 138 & CNS 20
BIO 335		4	Major	
BIO 365	<del></del>	4	Major	
BIO 403	Field Internship	3	Major	AGT 805
BIO 496	Senior Project	2	Major	
ES 220		3	Major	AGA 154 & CNS 13
GEOG 356	Intro to Geographic Info Systems	3	Major	
1 of the following:		3-4	Major	
BIO 430	3 ( )			
BIO 435	Fisheries Management (3)	11	Major	
Electives of the follo MATH 220	Elementary Statistics (3)	BIO 301	Major Individual Research in the	
BIO 315		BIO 323	Plant Nutrition (3)	biological sciences (
BIO 325		BIO 385	Ornithology (4)	
BIO 391	,,	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	and Morphology (4)
Additional Elective				T
Upper-Division Elect	ive	6	Degree Requirements	
Elective	madita in a salad at 11111 to a constant of	1-6	Degree Requirements	
rotal additional d	redits needed at UIU to complete degree:  Total transferable credits from HCC:	53-58 64-67	-	
	Total transferable credits from ACC:	120-122	+	
	rotai Earnea Creatts:	120-122	_	

Published on: 9/3/2020 Page **2** of **3** 

Program Transfer Guide – HCC NATURAL RESOURCES MANAGEMENT → UIU CONSERVATION MANAGEMENT – August 2020

#### ~~ NOTES ~~

This transfer guide is showing a course path from Hawkeye Community College to Upper Iowa University based on course matches, however, students are encouraged to work with their advisors at Upper Iowa University and Hawkeye Community College for more personalized course plan.

#### **LEGEND:**

- \*Transfer grades lower than a C- will not be accepted.
- <sup>®</sup> 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.

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>Math Elect</b>	Math Electives								
MAT 121	College Algebra	4	MATH 107	College Algebra •	4	Cnsrvtn Mgmt. Math			
MAT 128	Precalculus	4			4	Free Elective			
MAT 134	Trigonometry and Analytic Geometry	3	MATH 115	Trigonometry and Analytic Geometry •	3	Gen Ed Mathematics			
MAT 210	Calculus I	4	MATH 120	Calculus I •	4	Gen Ed Mathematics			
MAT 216	Calculus II	4	MATH 200	Calculus II •	4	Free Elective			
MAT 219	Calculus III	4	MATH 215	Multivariable Calculus •	4	Free Elective			
MAT 772	Applied Math	3			3	Free Elective			
Recommended Additional Electives (optional)									
AGC 103	Ag Computers	3	CS 102	Introduction to Computer Applications and Technology	3	Gen Ed Comp. Skills			

Published on: 9/3/2020 Page **3** of **3**