

**PROGRAM EQUIVALENCY GUIDE**

**Hawkeye Community College (HCC) Associates Degree in Natural Resources Management**

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**Upper Iowa University, Fayette Campus Bachelor Degree in CONSERVATION MANAGEMENT**

KCC 2015-16 Curriculum // UIU 2015-2016 Curriculum

HCC Course			Transfers as UIU Course			
Course Num	Course Name	# Cr	Course Num	Course Name	# Cr	Requirement Fulfilled
AGC 103 OR -----	Ag Computers Or Elective	3	CS 102 OR ---	Computer Applications and Technology OR Elective	3	General Ed. Course OR Elective
CNS 107	Outdoor Rec. Techniques	1	---	Free Elective	3	Free elective
CNS 108 AND CNS 106	Wildlife Identification AND Wildlife Ecology	3	BIO 220	General Zoology	4	Conservation Management Core
CNS 121	Environmental Conservation	3	---	Free Elective	3	Free Elective
CNS 204 AND CNS 138	Native Vegetation AND Woodland Management	3	BIO 280	Plants of Iowa	4	Conservation Management Core
ENG 105 OR COM 781	Composition I OR Written Comm. In Workplace	3	ENG 101 OR Free Elective	Basic Composition OR Free Elective	3	General Ed. Course Communication OR Free Elective
AGH 140	Equipment Operation	3	---	Free Elective	3	Free Elective
CNS 135	Fire Management	3	---	Free Elective	3	Free elective
MAT 122 OR MAT 156	College Algebra OR Statistics (math elective which will transfer from HCC choices)	3	MATH 105 OR MATH 220	College Math with Applications OR Elementary Statistics	3	Conservation Management Core OR Conservation Management Elective
PSY 102 OR PSY 111 OR SOC 110	Human and Work Relations OR General Psychology OR Intro. to Sociology	3	---	General Ed. Course Social Science	3	General Ed. Course Social Science
BIO 112	General Biology I (not all students will select this option)	4	BIO 135	Principles of Biology I	4	Conservation Management Core
AGA 284	Pesticide Application Certification (not all students will select this option)	3	---	Free elective	3	Free elective
AGP 340 OR SOC 205	Foundations of GIS and GPS OR Diversity in America	3	GEOG 258 OR Gen Ed	Introduction to Spatial Analysis and Thought OR General Ed. Course (Cultures)	1 OR 3	Conservation Management Core OR General Ed. Course (Cultures)
CNS 136 AND AGA 154	Aquatic Management (not all students will select this option) AND Fund. Soil Science	3	ES 220	Soil and Water Conservation	3	Conservation Management Core
ENG 106	Composition II (not all students will select this option)	3	ENG 102	English Comp II	3	General Ed. Course Communication
CNS 205	Adv. Outdoor Rec. Tech.	1	---	Free elective	1	Free elective
CNS 228	Natural Areas Management	3	---	Free elective	3	Free elective
BIO 113	General Biology II	4	BIO 140	Principles of Biology II	4	Free elective

	(not all students will select this option)					
AGT 805	Employment Experience	5	BIO 403	Field Internship	3	Conservation Management Core
CNS 201	Conservation Biology	4	---	Free elective	3	Free elective
CNS 134	Wildlife Management	3	---	Free elective	3	elective
SPC 101	Fundamentals of Oral Communication	3	Comm	Speech	3	General Ed. Course (Communication).
CNS 231 OR CNS 134 OR PHI 105 OR CNS 929	Integrated Roadside Veg. Mgt OR Wildlife Management OR Introduction to Ethics OR Individual Projects	2 OR 4 OR 3 OR 1	Free Elective	Free Elective	1-4	Free Elective

Note: The course total number of credits will vary based on electives selected at HCC.

Major courses to be taken during years 3 & 4 at Upper Iowa University

UIU course		# Cr	
*BIO 135	Principles of Biology I	4	
BIO 230	General Botany	4	
BIO 335	Ecology	4	
BIO 365	Conservation Biology	3	
BIO 430 OR BIO 435	Wildlife Management OR Fisheries Management	4 OR 3	
*GEOG 258	Introduction to Spatial Analysis and Thought	1	
GEOG 358	Introduction to GIS	4	
BIO 496	Senior Project	2	
*MATH 105 OR Math 115	College Math with Applications or Trigonometry and Analytic Geometry	3	
Elective Pool	11 credits of the elective pool below:	11	
	*Math 220 Elementary Statistics		3
	BIO 230 Invertebrate Zoology		4
	BIO 315 Ichthyology		4
	BIO 323 Plant Nutrition		3
	BIO 325 Plant Physiology		4
	BIO 352 Parasitology		4
	BIO 385 Ornithology		4
	BIO 391 Mammalogy		4
	BIO 393 Herpetology		4
	BIO 428 Plant Pathology		4
	BIO 430 Wildlife Management		4
	BIO 490 Entomology	4	
	BIO 470 Wildlife Forensics	3	

\*39-40

~~ NOTES ~~

\* Classes may have been met at HCC depending on the choices made in the natural resources management program.

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.

Note: In addition to the above-mentioned courses, all other degree requirements, including meeting the general education requirements and completing a minimum of 120 semester credits, must be met to earn the Bachelor degree.