

**ARTICULATION AGREEMENT FOR
AS WILDLIFE MANAGEMENT AND
BS WILDLIFE & FISHERIES BIOLOGY MANAGEMENT
BETWEEN CASPER COLLEGE AND THE UNIVERSITY OF WYOMING**

OVERVIEW:

This formal program articulation agreement is made and entered into by Casper College, hereinafter referred to as CC, and University of Wyoming, hereinafter referred to as UW. By this agreement, CC and UW express a shared commitment to increasing opportunities for student access to and success in higher education.

PURPOSE:

This agreement provides students who have completed the **Associate of Science** degree with articulated coursework in the area of Wildlife Management, the opportunity to complete a **Bachelor of Science in Wildlife and Fisheries Management** at UW. Any CC student who has earned an Associate of Science degree with coursework that adheres to the guidelines within this agreement is guaranteed that UW will accept designated major related credits and that all general education credits will apply to the Bachelor of Science degrees in a manner consistent with the treatment of native UW students and given junior status in the major.

CONDITIONS OF TRANSFER:

Section I: Admissions and Matriculation

CC students maintaining continuous enrollment under this agreement will be afforded the same treatment and protection as native UW Wildlife and Fisheries Management, College of Arts and Sciences students enrolled under a specific catalog.

Criteria for acceptance into College of Arts and Sciences will be consistent with the criteria outlined in the institutional articulation agreement between CC and UW.

CC, upon request of students, will provide verification of completed courses to UW through its Office of Registration and Records.

Transfer students from CC will have access to financial aid, scholarships, and student services on the same basis as native students.

UW will apply the same academic progress and graduation standards to CC transfer students as those applicable to native UW students.

Section II: Program Plan

While a course-by-course equivalence was used in the development of this plan, this agreement presumes that the general education core requirements at CC meet general education requirements at UW. Students falling under this program articulation agreement will be responsible for successfully completing the additional prescribed requirements. *42h, of the minimum 120h required for a BS degree, MUST be at the upper division level*

Table 1. Course-by-course transfer articulation (CC and UW)

General Education requirements at Casper and the University Studies Program at UW transfer as a block articulation between Casper College and UW.

CC Course			UW Equivalent Course		
Course	Course Title	Credits	Course	Course Title	Credits
BIOL 1010	General Biology	4	LIFE 1010	General Biology	4
BIOL 2022	Animal Biology	4	LIFE 2022	Animal Biology	4
BIOL 2023	Biology of Plants and Fungi	4	LIFE 2023	Biology of Plants and Fungi	4
BIOL 2400	General Ecology*	3	ZOO 3400	General Ecology	3
BIOL 2410	Field Ecology*	2	ZOO 3410	Field Ecology	2
CHEM 1025	General Chemistry I AND	3	CHEM 1020	General Chemistry I	4
CHEM 1028	General Chemistry I Lab	1			
CHEM 1035	General Chemistry II AND	3	CHEM 1030	General Chemistry II	4
CHEM 1038	General Chemistry II Lab	1			
COSC 1200 OR	Computer Information Systems OR	3	COSC 1200	Computer Information Systems	3
GEOG 1100	Introduction to GIS				
MATH 1400	Pre-Calculus Algebra	3	MATH 1400	College Algebra	3
MATH 1405	Pre-Calculus Trigonometry	3	MATH 1405	Trigonometry	3
MATH 2200	Calculus I	4	MATH 2200	Calculus I	4
STAT 2050	Fundamentals of Statistics	4	STAT 2050	Fundamentals of Statistics	4
ZOO 2450	Principles of Fish and Wildlife Management	3	ZOO 2450	Principles of Fish and Wildlife Management	3

*Note that although these courses meet the ecology requirements, they are not counted towards the upper division requirement

UNIVERSITY OF WYOMING COURSEWORK TO COMPLETE BS IN WFBM

Courses needed for ALL Wildlife and Fisheries Management majors

Course	Course Title	Credits
PHYS 1110 OR	General Physics I OR	4
GEOG 1100 OR	Physical Geology OR	
AECL	The Ecological Web: Soils	4
LIFE 3050	Genetics	
ZOO 4400	Population Ecology	3
ZOO 4100	Communication in Biological Sciences	3
ZOO 4190	Comparative Physiology	4
ZOO 4970	Internship	1
	ASD and ASG courses (College of Arts and Sciences requirement)	6

Courses needed for major in Wildlife and Fisheries Management Aquatic option¹

Course	Course Title	Credits
<i>A minimum 23 credit hours required</i>		
<i>Required</i>		
ZOO 4440	Limnology	3
ZOO 4430	Limnology Lab	2
ZOO 4330	Ichthyology	3
<i>Recommended</i>		
ZOO 4310	Fisheries Management – <i>required for certification</i>	3
CHEM 2230	Quantitative Analysis	4
ZOO 4540	Invertebrate Zoology	4
	3000/4000-level Terrestrial Option Upper Division Elective	3

Courses needed for major in Wildlife and Fisheries Management Terrestrial option²

Course	Course Title	Credits
<i>A minimum 23 credit hours required</i>		
<i>Required</i>		
ZOO 4300	Wildlife Ecology and Management	5
BOT 4700	Vegetation Ecology	4
<i>Recommended</i>		
ZOO 4350	Ornithology – <i>required for certification</i>	3
ZOO 4370	Mammalogy – <i>required for certification</i>	3
ZOO/BOT 4420	Conservation Biology	3
	3000/4000-level Aquatic Option Upper Division Elective	3
	BOT/REWM electives (any two courses)	5

<p>For certification in either the Terrestrial or Aquatic Options, students <u>must</u> take 6 hours in courses that consider 'Human Dimensions'.</p> <p>ENR 2000 Environment & Society (3), ENR/POLS 4051 Environmental Politics (3), ENR 3000 Approaches to ENR Problem Solving (3), ENR 4550 Negotiation Analysis (3), ENR/AGEC 3750 Natural Resource Econ (3), ENR 4750 Environmental Law & Policy (3), ENR 4040 Conservation of Natural Resources (3), ENR 4900 Environment & Natural Resource Policy Practice (3), ENR 3900 Seminar Environment & Natural Resources (3), POLS 4052 Federal Land Policy (3)</p>	6
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TERMS of AGREEMENT:

¹ Students interested in being certified by The American Fisheries Society MUST consult their UW advisor for more information.

² Students interested in being certified by The Wildlife Society MUST consult their UW advisor for more information.

AS WM and BS WFBM

Casper College

FRESHMAN

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
BIOL	1010	General Biology ²	4	BIOL	2022	Animal Biology ²	4
CHEM	1025	General Chemistry	3	CHEM	1035	General Chemistry II	3
CHEM	1028	General Chemistry Lab	1	CHEM	1038	General Chemistry II Lab	1
MATH	1400	Pre-Calculus Algebra ²	4	MATH	1405	Trigonometry ²	3
ENGL	1010	English I	3	ENGL	1020	English II	3
PEAC			1	GEOG	1100	Introduction to GIS <i>or</i>	4
				COSC	1200	Computer Information Systems (3h)	
TOTAL			<u>16</u>	TOT			<u>18</u>



Casper
College

SOPHOMORE

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
BIOL	2023	Plant/Fungal Biology	4	BIOL	2400	General Ecology ³	3
ZOO	2450	Principles of Fish & Wildlife	3	BIOL	2410	Field Ecology ³	2
POLS	1000	Constitutions	3	STAT	2050	Fundamentals of Statistics	5
MATH	2200	Calculus I ³	4			Human Behavior ¹	3
						Cultural Environment ¹	3
TOTAL			<u>14</u>	TOTAL			<u>16</u>
						Total Degree Hours	<u>64</u>

Transfer Recommendations and Notes:

1. Students are **strongly** encouraged to take *Human Behavior/Cultural Environment* Electives that correspond to the College of Arts & Sciences *Diversity (D)* and *Global Studies (G)* electives or else they will have to take D & Gs at UW. A list of D & G courses that transfer is available here (https://wyosb.uwyo.edu/bnrprod/bwckytfc.p_display_transfer_catalog). Courses that are either U3D or U3G meet the ASD and ASG, respectively.
2. A minimum grade of C is required for BIOL1010, BIOL2022, BIOL2023, MATH1400, MATH1405.
3. These courses form part of the "minimum of 30h at C or better list" for the whole BS degree (see below)

AS WM and BS WFBM with Terrestrial option

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs	
Dept	#	Course Title	#	Dept	#	Course Title	#	
GEOL <i>or</i>	1100	Physical Geology <i>or</i>		ZOO	4350	Ornithology ³	3	
PHYS <i>or</i>	1110	General Physics I <i>or</i>	4			Aquatic Biology Upper Elective ^{3,5}	3	
AECL	2010	The Ecological Web: Soils				Upper Elective ⁶	3	
BOT	4700	Vegetation Ecology ³	4			ASD or ASG (A&S Core)	3	
LIFE	3050	Genetics	4					
		ASD or ASG (A&S Core)	3					
			TOTAL	15			TOTAL	12



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs	
Dept	#	Course Title	#	Dept	#	Course Title	#	
ZOO	4300	Wildlife Ecol. Mgt ³	5	ZOO	4100	Communication in Biological Sciences ⁴	3	
ZOO	4370	Mammalogy ³	3	ZOO	4400	Population Ecology ³	3	
ENR/BOT	4040	Conservation Nat Resources ³	3	ZOO	4190	Comparative Physiology ³	4	
ZOO	4420	Conservation Biology ³	3	BOT/REWM		any 2 courses ^{3,6}	5	
ZOO	4970	Internship	1					
			TOTAL	15			TOTAL	15

Total Degree Hours **121**
Upper Division Hours **42**

Transfer Recommendations and Notes:

1. Students interested in being certified by The Wildlife Society MUST consult their advisor for more information. Additional courses are required for certification
2. Time has been allocated for the two D&Gs.
3. A minimum of 30h must be at C or better for these courses.
4. A C is required
5. *Aquatic electives:* ZOO4330 Ichthyology, ZOO4440 Limnology, ZOO4310 Fisheries Management, ZOO4540 Invertebrate Zoology
6. *Electives:* These should be decided in consultation with your advisor.

AS WM and BS WFBM with Aquatic option

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs		
Dept	#	Course Title	#	Dept	#	Course Title	#		
GEOL	or 1100	Physical Geology	or	ZOO	4330	Ichthyology	3		
PHYS	or 1110	General Physics I	or			Terrestrial Upper elective ^{3,5}	3		
AECL	2010	The Ecological Web: Soils	4			Upper Elective ⁶	3		
ZOO	4440	Limnology ³	3			Upper Elective ⁶	3		
ZOO	4430	Limnology Lab ³	2			ASD or ASG (A&S Core)	3		
LIFE	3050	Genetics ³	4						
			TOTAL	13				TOTAL	15



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs		
Dept	#	Course Title	#	Dept	#	Course Title	#		
ENR/BOT	4040	Conservation Nat Resources ³	3	ZOO	4100	Communication in Biological Sciences ⁴	3		
ZOO	4970	Internship	1	ZOO	4400	Population Ecology ³	3		
ZOO	4310	Fisheries Management ³	3	ZOO	4190	Comparative Physiology ³	4		
		Upper Elective ⁶	4			Upper or Lower Elective ⁶	4		
		ASD or ASG (A&S Core)	3						
			TOTAL	14				TOTAL	14
							Total Degree Hours	120	
							Upper Division Hours	42	

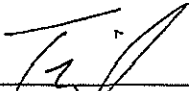
Transfer Recommendations and Notes:

1. Students interested in being certified by The American Fisheries Society **MUST** consult their advisor for more information. **Additional courses are required for certification**
2. Time has been allocated for the two D&Gs.
3. A minimum of 30h must be at C or better for these courses.
4. A C is required
5. **Terrestrial electives:** BOT4700 Vegetation Ecology, ZOO4300 Wildlife Ecology & Management, ZOO4350 Ornithology, ZOO4370 Mammalogy
6. **Electives:** These should be decided in consultation with your advisor. For the *Aquatic* alignment, possible courses include REWM4285 Wildland Hydrology, REWM4700, Wildland Watershed Management, GEOG4450 Fluvial Geomorphology, ZOO4540 Invertebrate Zoology. There are also various seminars available.

This agreement is made and entered into in the academic year 2015-2016 and remains in force unless a new articulation agreement is signed by all parties. The agreement is subject to annual review to assure currency with the respective degree requirements, and may be amended at any time via written request by either CC or UW. Should either party desire to discontinue this agreement, advance notification of one year will be required.

SIGNATURES:

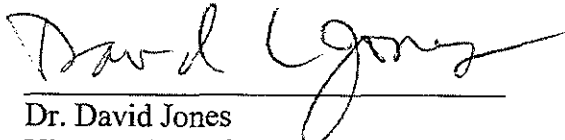
Casper College and University of Wyoming hereby enter into this program articulation agreement leading from the Associate of Science degree with articulated coursework in Bachelor of Science in Wildlife and Fisheries Management by the affixing of signatures of the academic officers of both institutions.



Dr. Tim Wright
Vice President for Academic Affairs
Casper College

6/5/15

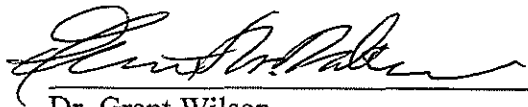
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Dr. David Jones
Vice President for Academic Affairs
University of Wyoming

6/8/15

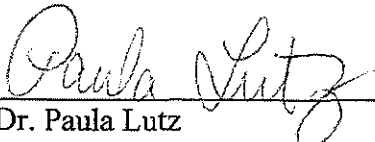
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Dr. Grant Wilson
Dean of School of Math and Sciences
Casper College

7/3/15

Date



Dr. Paula Lutz
Dean, College of Arts & Sciences
University of Wyoming

6/4/15

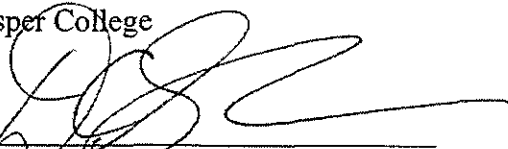
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Dr. C. Evert Brown
Head, DENS
Casper College

7/15/15

Date



Dr. Donal Skinner
Head, Department of Zoology and Physiology
University of Wyoming

6/2/2015

Date