

# AS WM and BS WFBM

## Casper College

### FRESHMAN

Fall Semester			Hrs	Spring Semester			Hrs	
Dept	#	Course Title	#	Dept	#	Course Title	#	
BIOL	1010	General Biology <sup>2</sup>	4	BIOL	2022	Animal Biology <sup>2</sup>	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 <sup>2</sup>	4	MATH	1405	Trigonometry <sup>2</sup>	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)		
			<b>TOTAL</b>	<u>16</u>			<b>TOT</b>	<u>18</u>



### SOPHOMORE

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

#### Transfer Recommendations and Notes:

- 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://wyossb.uwyo.edu/bnrprod/bwckytfc.p\\_display\\_transfer\\_catalog](https://wyossb.uwyo.edu/bnrprod/bwckytfc.p_display_transfer_catalog)). Courses that are either U3D or U3G meet the ASD and ASG, respectively.
- A minimum grade of C is required for BIOL1010, BIOL2022, BIOL2023, MATH1400, MATH1405.
- 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 <sup>3</sup>	3		
PHYS <i>or</i>	1110	General Physics I <i>or</i>	4			Aquatic Biology Upper Elective <sup>3,5</sup>	3		
AECL	2010	The Ecological Web: Soils				Upper Elective <sup>6</sup>	3		
BOT	4700	Vegetation Ecology <sup>3</sup>	4			ASD or ASG (A&S Core)	3		
LIFE	3050	Genetics	4						
		ASD or ASG (A&S Core)	3						
			<b>TOTAL</b>	<b>15</b>				<b>TOTAL</b>	<b>12</b>



## SENIOR

Fall Semester			Hrs	Spring Semester			Hrs		
Dept	#	Course Title	#	Dept	#	Course Title	#		
ZOO	4300	Wildlife Ecol. Mgt <sup>3</sup>	5	ZOO	4100	Communication in Biological Sciences <sup>4</sup>	3		
ZOO	4370	Mammalogy <sup>3</sup>	3	ZOO	4400	Population Ecology <sup>3</sup>	3		
ENR/BOT	4040	Conservation Nat Resources <sup>3</sup>	3	ZOO	4190	Comparative Physiology <sup>3</sup>	4		
ZOO	4420	Conservation Biology <sup>3</sup>	3	BOT/REWM		any 2 courses <sup>3,6</sup>	5		
ZOO	4970	Internship	1						
			<b>TOTAL</b>	<b>15</b>				<b>TOTAL</b>	<b>15</b>
							<b>Total Degree Hours</b>	<b>121</b>	
							<b>Upper Division Hours</b>	<b>42</b>	

### 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**
- Time has been allocated for the two D&Gs.
- A minimum of 30h must be at C or better for these courses.
- 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 <i>or</i>	1100	Physical Geology <i>or</i>		ZOO	4330	Ichthyology	3		
PHYS <i>or</i>	1110	General Physics I <i>or</i>	4			Terrestrial Upper elective <sup>3,5</sup>	3		
AECL	2010	The Ecological Web: Soils				Upper Elective <sup>6</sup>	3		
ZOO	4440	Limnology <sup>3</sup>	3			Upper Elective <sup>6</sup>	3		
ZOO	4430	Limnology Lab <sup>3</sup>	2			ASD or ASG (A&S Core)	3		
LIFE	3050	Genetics <sup>3</sup>	4						
			<b>TOTAL</b>	<b>13</b>				<b>TOTAL</b>	<b>15</b>



## SENIOR

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

### 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.