

AS Biology and BS WFBM

Northern Wyoming Community College District

FRESHMAN

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
BIOL	1010	General Biology ³	4	BIOL	2020	General Biology II ³ <i>OR</i>	4
MATH	1400	Algebra ³	4	BIOL	2022	Animal Biology ³	4
ENGL	1010	English I	3	STAT	2050	Fundamentals of Statistics <i>OR</i>	4
Cultural Studies Requirement ¹			3	MATH	2200	Calculus I ⁴	4
ANTH	1200	Intro Cultural Anthropology ²	3	AW	0000	Advanced Writing	3
				WL	0000	Health and Wellness	2
				Cultural Studies Requirement ¹			3
TOTAL			<u>14</u>	TOTAL			<u>16</u>

SOPHOMORE

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
CHEM	1020	General Chemistry	4	ZOO	2450	Principles of Fish & Wildlife	3
BIOL	2023	Plant/Fungal Biology ³	4	CHEM	1030	General Chemistry II	4
BIOL	2400	General Ecology ⁴	3	PHYS	1100	Physics I	4
BIOL	2410	Field Ecology ⁴	2	CO/M	1010	Public Speaking	3
				CNST	0000	Constitutional Requirement	3
TOTAL			<u>13</u>	TOTAL			<u>17</u>
						Total Degree Hours	<u>60</u>

1. Students are strongly encouraged to take a Cultural Awareness or Aesthetic Analysis course that corresponds 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). Courses that are either U3D or U3G meet the ASD and ASG, respectively. One suggested course is ANTH1200 Intro to Cultural Anthropology, which meets the ASG requirement.

2. Students are advised to take ANTH1200 as one of the *Cultural Studies Requirements* to meet the A&S ASG requirement

3. A minimum grade of C is required for BIOL1010, BIOL2020/2, BIOL2023, MATH1400

4. These courses for part of the "minimum of 30h at C or better list" for the whole BS degree (see below)

AS Biology and BS WFBM with Terrestrial option

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs	
Dept	#	Course Title	#	Dept	#	Course Title	#	
MATH	1405	Trigonometry ⁵	3	STAT	2050	Fundamentals of Statistics <i>OR</i>	4	
COSC	1200	Computer Information Systems	3	MATH	2200	Calculus I ³		
LIFE	3050	Genetics ⁴	4	ZOO	4350	Ornithology ³	3	
ZOO	4420	Conservation Biology ³	3			Aquatic Biology Upper Elective ^{3,5}	3	
		Upper Elective ⁵	3			Upper Elective ⁶	3	
						ASD or ASG (A&S Core)	3	
			TOTAL	16			TOTAL	16



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs	
Dept	#	Course Title	#	Dept	#	Course Title	#	
ZOO	4300	Wildlife Ecol. Mgt ³	5	ZOO	4400	Population Ecology ³	3	
ZOO	4370	Mammalogy ³	3	ZOO	4100	Communication in Biological Sciences ⁴	3	
BOT	4700	Vegetation Ecology ³	4	ZOO	4190	Comparative Physiology ³	4	
ZOO	4970	Internship	1	BOT/REWM		any 2 courses ³	5	
			TOTAL	13			TOTAL	15
							Total Degree Hours	120
							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.*
2. Time has been allocated for one of the two D&Gs. If the G or D is not met at NWCC then an additional 3h is required
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
7. *Electives:* These should be decided in consultation with your advisor.

AS Biology and BS WFBM with Aquatic option

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
MATH	1405	Trigonometry ⁴	3	STAT	2050	Fundamentals of Statistics <i>OR</i>	4
COSC	1200	Comp Info Sys	3	MATH	2200	Calculus I	
LIFE	3050	Genetics ⁴	4	ZOO	4330	Ichthyology ³	3
ZOO	4440	Limnology ³	3			Terrestrial Upper elective ^{3,5}	3
ZOO	4430	Limnology Lab ³	2			Upper Elective ⁶	3
						Upper or Lower Division Elective	3
			TOTAL				TOTAL
			<u>15</u>				<u>16</u>



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
ZOO	4310	Fisheries Management ³	3	ZOO	4400	Population Ecology ³	3
ENR/BC	4040	Conservation Nat Resources ³	3	ZOO	4100	Communication in Biological Sciences ⁴	3
ZOO	4970	Internship	1	ZOO	4190	Comparative Physiology ³	4
		Upper or Lower Division Elective	3			Upper Elective ⁶	4
		Upper or Lower Division Elective	2			Upper Elective ⁶	3
		ASD or ASG (A&S Core)	3				
			TOTAL				TOTAL
			<u>15</u>				<u>14</u>
						Total Degree Hours	<u>120</u>
						Upper Division Hours	<u>42</u>

Transfer Recommendations and Notes:

1. **Students interested in being certified by The American Fisheries Society MUST consult their advisor for more information.**
2. Time has been allocated for one of the two D&Gs. If the G or D is not met at NWCC then an additional 3h is required
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. **Upper 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.