



# BS WFBM with Terrestrial option

University of Wyoming

## JUNIOR

Fall Semester				Hrs	Spring Semester				Hrs
Dept	#	Course Title	#		Dept	#	Course Title	#	
PHYS	1110	Physics I <b>OR</b>			ZOO	4350	Ornithology <sup>3</sup>	3	
AECL	2010	Intro Soil Science <b>OR</b>	4		MATH	2200	Calculus I <sup>3</sup> <b>OR</b>	4	
GEOL	1100	Physical Geology			MATH	2350	Business Calculus I		
MATH	1405	Trigonometry <sup>4,7</sup>	3				Aquatic Biology Upper Elective <sup>3,5</sup>	3	
LIFE	3050	Genetics	4				Upper Elective <sup>6</sup>	3	
ZOO	4420	Conservation Biology <sup>3</sup>	3				Upper Elective <sup>6</sup>	3	
							ASD or ASG (A&S Core)	3	
<b>TOTAL</b>				<b>14</b>	<b>TOTAL</b>				<b>19</b>



## SENIOR

Fall Semester				Hrs	Spring Semester				Hrs
Dept	#	Course Title	#		Dept	#	Course Title	#	
ZOO	4300	Wildlife Ecol. Mgt <sup>3</sup>	5		ZOO	4400	Population Ecology <sup>3</sup>	3	
ZOO	4370	Mammalogy <sup>3</sup>	3		ZOO	4100	Communication in Biological Sciences <sup>4</sup>	3	
BOT	4700	Vegetation Ecology <sup>3</sup>	4		ZOO	4190	Comparative Physiology <sup>3</sup>	4	
ZOO	4970	Internship	1		BOT/REWM		any 2 courses <sup>3,6</sup>	5	
<b>TOTAL</b>				<b>13</b>	<b>TOTAL</b>				<b>15</b>
								<b>Total Degree Hours</b>	<b>126</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.**

2. Time has been allocated for one of the two ASD&ASGs. If the ASG or ASD is not met at NWC 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

6. **Electives:** These should be decided in consultation with your advisor.

7. If students take MATH1450 at NWC then Trig not required at UW

# BS WFBM with Aquatic option

University of Wyoming

## JUNIOR

Fall Semester				Hrs	Spring Semester				Hrs
Dept	#	Course Title	#		Dept	#	Course Title	#	
PHYS	1110	Physics I <b>OR</b>			ZOO	2450	Principles of Fish & Wildlife	3	
AECL	2010	Intro Soil Science <b>OR</b>	4		ZOO	4330	Ichthyology	3	
GEOL	1100	Physical Geology					Terrestrial Upper Elective <sup>5</sup>	3	
COSC	1200	Comp Info Sys	3				Upper Elective <sup>6</sup>	3	
MATH	2200	Calculus I <sup>3</sup> <b>OR</b>	4				ASD or ASG (A&S Core)	3	
MATH	2350	Business Calculus I							
ZOO	4440	Limnology <sup>3</sup>	3						
ZOO	4430	Limnology Lab <sup>3</sup>	2						
<b>TOTAL</b>				<b>16</b>	<b>TOTAL</b>				<b>15</b>



## SENIOR

Fall Semester				Hrs	Spring Semester				Hrs
Dept	#	Course Title	#		Dept	#	Course Title	#	
LIFE	3410	Field Ecology <sup>3</sup>	2		ZOO	4400	Population Ecology <sup>3</sup>	3	
ZOO	4310	Fisheries Management <sup>3</sup>	3		ZOO	4100	Communication in Biological Sciences <sup>4</sup>	3	
ZOO	4970	Internship	1		ZOO	4190	Comparative Physiology <sup>3</sup>	4	
		Upper Elective <sup>6</sup>	3				Upper Elective <sup>6</sup>	3	
		Upper Elective <sup>6</sup>	4				Upper Elective <sup>6</sup>	3	
<b>TOTAL</b>				<b>13</b>	<b>TOTAL</b>				<b>16</b>

**Total Degree Hours** 120  
**Upper Division Hours** 43

### 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 NWC 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.