

Natural Sciences, Associates of Science

Laramie County Community College

FRESHMAN

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
BIOL	1010	General Biology ³	4	BIOL	2022	Animal Biology ³	4
CHEM	1020	General Chemistry I ³	4	CHEM	1030	General Chemistry II	4
MATH	1400	College Algebra ³ or	3	MATH	1405	Pre-Calculus Trigonometry ³	3
MATH	1401	Pre-Calculus Algebra ³		ENGL	1010	English I: Composition	3
COLS	1000	College Success	3				
TOTAL			<u>14</u>	TOTAL			<u>14</u>



SOPHOMORE

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
MICRO	2240	Medical Microbiology	4	STAT	2050	Fundamentals of Statistics	4
MATH	2200	Calculus I ⁴	4	PHYS	1120	General Physics II ⁵ OR	
PHYS	1110	General Physics I ⁵ OR		CHEM	2340	Organic Chemistry II ⁵ AND	4
CHEM	2320	Organic Chemistry I AND	4	CHEM	2345	Organic Chemistry II Laboratory	
CHEM	2325	Organic Chemistry I Laboratory				Aesthetic Analysis (Humanities) ¹	3
CO/M	1010	Public Speaking	3			Wyoming State Requirement ²	3
		Cultural Awareness (Social Sciences) ¹	3				
TOTAL			<u>18</u>	TOTAL			<u>14</u>

Total Degree Hours **60**

Transfer Recommendations and Notes:

- 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://wyosss.uwyo.edu/bnrprod/bwcktyfc.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.
- Courses that meet the *Wyoming State Requirement* include: U.S. to 1865 (HIST1211), U.S. from 1865 (HIST1221) Wyoming History (HIST1251), Economics, Law & Government (ECON1200), or American & Wyoming Government (POLS1000). Wyoming Government (POLS1100) will also meet *Wyoming State Requirement* but 2 additional credits will be needed to meet total degree credits.
- A minimum grade of C is required for BIOL1010, BIOL2022, MATH1400, MATH1405
- This course is part of the "*minimum of 30h at C or better list*" for the whole BS degree (see below)
- Students not taking Physics I & II at LCCC will have to take both at UW. Only 3 semesters of Chemistry are required in Zoology

Zoology, Bachelors of Science

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
LIFE	3050	Genetics ³	4			Upper Division Zoology Elective ²	3
		Required Zoo Elective ^{2,5}	3			Upper Division Zoology Elective ²	3
LIFE	3400	General Ecology	3			Upper Division Elective ²	3
CHEM		3 rd Chemistry course (not 1000) OR	4			Upper or Lower Elective ⁴	3
PHYS	1110	General Physics I	4			ASD or ASG (A&S Core) ¹	3
		ASD or ASG (A&S Core) ¹	3				
TOTAL			<u>17</u>	TOTAL			<u>15</u>



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs
Dept	#	Course Title	#	Dept	#	Course Title	#
LIFE	3500	Evolutionary Biology ²	4	ZOO	4100	Communication in Biological Sciences ³	3
		Upper Division Zoology Elective ²	4			Upper Division Zoology Elective ²	3
		Upper Division Zoology Elective ²	3			Upper Division Zoology Elective ²	3
		Upper Division Elective ²	3			Upper or Lower Elective ⁴	2
						Upper or Lower Elective ⁴	3
TOTAL			<u>14</u>	TOTAL			<u>14</u>
						Total Degree Hours	<u>120</u>
						Upper Division Hours	<u>42</u>

Transfer Recommendations and Notes:

1. Time has been allocated for the ASD & ASGs
2. A minimum of 30h in these electives must be C or better. *(Includes Calculus I from LCCC)*
3. A minimum grade of a C required in these courses
4. These electives may be zoology-related but they are not required to be. May be Internship- or Research-related
5. REQUIRED ELECTIVE COURSE. Students must select a course from the following list: ZOO 4330 Ichthyology (3); ZOO 4350 Ornithology (3); ZOO 4370 Mammalogy (3); ZOO 4380 Herpetology (3); ZOO 4540 Invertebrate Zoology (4)