

AS Biology and BS Zoology

Central Wyoming College

FRESHMAN

Fall Semester		Hrs	Spring Semester		Hrs
Dept #	Course Title	#	Dept #	Course Title	#
BIOL	1010 General Biology	4	BIOL	2020 General Biology II	4
CHEM	1020 General Chemistry I	4	CHEM	1030 General Chemistry II	4
MATH	1400 Pre-Calculus Algebra	4	MATH	1405 Trigonometry	3
ENGL	1010 English Composition I	3	ENGL	1020 English Composition II	3
UNST	1005 Freshman Seminar	1	FIN	1001 Personal Financial Planning	1
		TOTAL			16
					TOTAL
					15

CENTRAL Wyoming COLLEGE

SOPHOMORE

Fall Semester		Hrs	Spring Semester		Hrs
Dept #	Course Title	#	Dept #	Course Title	#
PHYS	1110 Physics I OR ³	4	STAT	2050 Fundamentals of Statistics OR ³	4
PHYS	1310 College Physics I OR		PHYS	1120 Physics II OR	
CHEM	2300 Intro to Organic Chemistry OR		PHYS	1320 College Physics II	
CHEM	2320 Organic Chemistry I		Co-Curricular General Education		2
MATH	2200 Calculus I	5	HUM	Humanities Elective	3
ORAL	Public Speaking	3	POLS	1000 American & Wyoming Government	3
SOC	Social Science	3	ARTS	Arts Elective	3
WELL	Health & Wellness	1			
PEAC	PE Activity	1			
		TOTAL			17
					TOTAL
					15
					Total Degree Hours
					63

Transfer Recommendations and Notes:

1. Students are **strongly** encouraged to take *ART, SOC & HUM Electives* that correspond to the College of Arts & Sciences *Diversity (ASD)* and *Global Studies (ASG)* electives or else they will have to take ASD & ASGs at UW. A list of ASD & ASG courses that transfer is available here (https://wyosss.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 and ENGL 2340 American Indian Literature meets the ASD requirement.

2. A minimum grade of C is required for BIOL1010, BIOL2020, MATH1400, MATH1405.

3. For the BS in Zoology, students must take 2 semesters of Physics, a 3rd 3h Chemistry course (not 1000) and STAT2050

AS Biology and BS Zoology

University of Wyoming

JUNIOR

Fall Semester			Hrs	Spring Semester			Hrs
Dept #	Course Title		#	Dept #	Course Title		#
LIFE	3050	Genetics ³	4	STAT	2050	Fundamentals of Statistics OR ⁶	
		Required Zoo Elective ^{2,5}	3	PHYS	1120	Physics II OR	4
LIFE	3400	General Ecology	3	PHYS	1320	College Physics II	
PHYS	1110	Physics I OR ⁶				Upper Division Zoology Elective ²	3
PHYS	1310	College Physics I OR	4			Upper Division Zoology Elective ²	3
CHEM	2300	Intro to Organic Chemistry OR				Upper or Lower Elective ⁴	2
CHEM	2320	Organic Chemistry I				ASD or ASG (A&S Core) ¹	3
			TOTAL				TOTAL
			<u>14</u>				<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 Division Elective ²	3
						Upper or Lower Elective ⁴	2
			TOTAL				TOTAL
			<u>14</u>				<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 one of the ASD & ASGs. If students do not complete the other ASD/ASG at CWC then 3 more hours required
2. A minimum of 30h in these electives must be C or better. *(Includes Calculus I from CWC)*
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)
6. For the BS in Zoology, students must take 2 semesters of Physics, a 3rd 3h Chemistry course (not 1000) and STAT2050