

AS Biology and BS Physiology

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	ZOO	2025	Human Physiology		
MATH	1400	Pre-Calculus Algebra	4	CHEM	1030	General Chemistry II	4	
ENGL	1010	English Composition I	3	MATH	1405	Trigonometry	3	
UNST	1005	Freshman Seminar	1	ENGL	1020	English Composition II	3	
				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		MATH	2205	Calculus II OR		
CHEM	2320	Organic Chemistry I		PHYS	1120	Physics II OR		
MATH	2200	Calculus I	5	PHYS	1320	College Physics II OR		
ORAL		Public Speaking	3	CHEM	2340	Organic Chemistry II		
SOC		Social Science	3			Co-Curricular General Education	2	
WELL		Health & Wellness	1	HUM		Humanities Elective	3	
PEAC		PE Activity	1	POLS	1000	American & Wyoming Government	3	
				ARTS		Arts Elective	3	
			TOTAL	17			TOTAL	12
							Total Degree Hours	60

Transfer Recommendations and Notes:

- 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://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 and ENGL 2340 American Indian Literature meets the ASD requirement.
- A minimum grade of C is required for BIOL1010, BIOL2020, MATH1400, MATH1405.
- For the BS in Physiology students must take 2 semesters of Physics, 4 semesters of Chemistry (not 1000) and STAT2050 or CALC II

AS Biology and BS Physiology

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 ⁵	4
ZOO	3115	Human Systems Physiology ³	4	MATH	2205	Calculus II	
PHYS	1110	Physics I OR ⁵	4	PHYS	1120	Physics II OR ⁵	4
PHYS	1310	College Physics I OR		PHYS	1320	College Physics II	
CHEM	2320	Organic Chemistry I		CHEM	4th Chemistry course ²		4
Upper Elective ⁴			3	Upper Division Physiology Elective ²			3
TOTAL			<u>15</u>	TOTAL			<u>15</u>



SENIOR

Fall Semester			Hrs	Spring Semester			Hrs
Dept #	Course Title		#	Dept #	Course Title		#
LIFE	4125	Integrative Physiology ²	4	ZOO	4100	Communication in Biological Sciences ³	3
Upper Division Physiology Elective ²			3	Upper Division Physiology Elective ²			3
Upper Division Physiology Elective ²			3	Upper Division Physiology Elective ²			3
Upper Elective ⁴			3	Upper Division Physiology Elective ²			3
ASD or ASG (A&S Core) ¹			3	Upper Elective ⁴			3
TOTAL			<u>16</u>	TOTAL			<u>15</u>
						Total Degree Hours	<u>124</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 physiology-related but they are not required to be. May be Internship- or Research-related
5. For the BS in Physiology students must take 2 semesters of Physics, 4 semesters of Chemistry (not 1000) and STAT2050 or CALC II