University of Wyoming, College of Arts & Sciences Requirements Checklist – WFBM For students matriculating fall 2003 and after.

Stude	ent:	Advisor:	lr	nitial Date of Program:
Univ	ersity Studies Program:			
(P)	Physical Activity & Health		1 course, 1 credit	
(l) ´	Intellectual Community		1 course, 1-3 credits	·
(V)	U.S. & Wyoming Constitutions		1 course, 3 credits	
(WA)				
(QA)	Quantitative Reasoning 1		1 course, 3 credits _	in the major
(QB)	Quantitative Reasoning 2			in the major
(O)	Oral Communication		1 course, 3 credits _	
Science	ces – SB Biological; SE Earth; S	SP Physical; S Integrated	Science	
	se, 4 creditsin the major			in the major
Cultura	al Context – 9 hours total C, CH	I. CS. CA: at least 3 cour	ses from 3 of 4 different	t categories
Arts (C		,, 00, 0, 1, at load 0 000.		
	nities (CH)			
	science (CS)		1 course, 3 credits	in the major
	ated Cultural Context (C)			
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	<u>tional USP Requirements</u>			
These	may be a part (embedded) of c	ourses in the above USF	categories or courses	in the major.
	Writing 2			
(WC)	Writing 3		ZOO 4100_	
(L)	Information Literacy		ZOO 4100_	
(D)	U.S. Diversity			
(G)	Global Awareness			
Foreig (with a		cond semester) are requi	red. Or, students may s	credits total) in the same language substitute two upper division courses
A&S C	Core, or courses in the major, m	inor, or second major. A		n University Studies program, the ted on the A&S Website.
1 cour	se, 3 credits			
Hniv	ersity Upper Division Re	auiromont:		
	dits (3XXX-level or above): 30 d		from the University of W	Vvomina
10 010	and (6/7/// 10/01 of above). 00 c	willow much be carried	morn the envelocity of V	vyennig.

The following courses are for the major requirements and are offered in no particular order. Please consult with your advisor for scheduling sequence.

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COURSE ☐ MATH 1450 Algebra and Trigonometry (MATH 1450 can be completed with MATH 1400 and MATH 14	<u>USP</u> QA 05)	5.0	PREREQUISITES C in MATH 0925 or Level 3 Math Placement
□ MATH 2200 Calculus I	QB	4.0	or Math ACT23,SAT600 C in MATH 1405or1450 Or level 5 on Math Placement or Math ACT
□ or MATH 2350 Business Calculus	QB	4.0	27,SAT 600 C in MATH 1400 or level 4 on Math Placement or Math ACT
☐ STAT 2050 Fundamentals of Statistics	QB	4.0	26 or SAT 600 C in MATH 1000, 1400 or equiv
☐ COSC 1200 Computer Information Systems ☐ CHEM 1020 General Chemistry I	SP	3.0 4.0	level 2 Math Placement Math ACT 23 or concur MATH 1400, or 1405 or
☐ CHEM 1030 General Chemistry II☐ LIFE 1010 General Biology	SP SB	4.0 4.0	1450 CHEM 1020 C in MATH 0921 or Level 2 on Math Placement or Math ACT 21, SAT 600
☐ LIFE 2022 Animal Biology (spring) ☐ LIFE 3050 Genetics		4.0 4.0	C in LIFE 1010 LIFE 1010 & 1 of LIFE 2022, 2023 or MICR/ MOLB 2021 w/C in ea.
☐ LIFE 3400 General Ecology		3.0	LIFE 1010 & one of LIFE 2022, 2023 or MICR/MOLB 2021 w/grade of C
☐ LIFE 3410 Introduction to Field Ecology (F)		2.0	LIFE 3400 Concur or Consent
☐ LIFE 2023 Biology of Plants and Fungi (F) LIFE 2023 Required for Certification in Terrestrial Option Only		4.0	C in LIFE 1010
□ ZOO 2450 Principles of Fish & Wildlife Mgmt (S) □ ZOO 4100 Writing in Zoology	WC, L	3.0 3.0	LIFE 1010 & 2022 WA, WB & prior or concur reg for upper division ZOO, BOT, LIFE/BIOL course
□ ZOO 4190 Comparative Environmental Physiology (S)□ ZOO 4400 Population Ecology (S)		4.0 3.0	LIFE 2022 & 1 yr CHEM LIFE 1010, 2400 & STAT 2050 or Consent
□ ZOO 4970 Internship in Wildlife Management (F)		1.0 (max1)	Consent
Choose One of the Following Three: □ PHYS 1110 General Physics I (fall) □ GEOL 1100 Physical Geology □ SOIL 2010 Introduction to Soil Science	SP SE SE	4.0 4.0 4.0	MATH 1450, 1405 none none

Terrestrial Option: Required: ☐ BOT 4700 Vegetation Ecology (F) LIFE 2400 or Consent 4.0 ☐ ZOO 4300 Wildlife Ecology and Management (F) LIFE 2400 5.0 Recommended: ☐ ZOO 4350 Ornithology (S) 3.0 LIFE 2022 ZOO 4350 Required for Certification ☐ ZOO 4370 Mammalogy (F) 3.0 LIFE 2022 Z00 4370 Required for Certification ☐ ZOO/BOT 4420 Conservation Biology 3.0 LIFE 3400 and one of ENR 3500, STAT 2050, or STAT 2070 2 courses in BOT and/or REWM (5-6 credits)/Required for Certification: ☐ Course: ___ ☐ Course: ___ 1 course in Aquatic Biology from Aquatic Option list (3-4 credits), see list below: □ Course: CS 6 hrs GEOG or ENR ☐ BOT/GEOG 4040 Conservation of Natural Resources 3.0 ☐ or ENR 4000 Approaches to Envir & Nat Res Prob-Solv CS, WB 3.0 WA BOT 4040 or ENR 4000 Required for Certification/meets 'Human Dimensions' requirement **Aquatic Option:** Required: ☐ ZOO 4330 Ichthyology (S) 3.0 LIFE 2022 ☐ ZOO 4430 Limnology Laboratory (F) 2.0 ZOO 4440 Concur or Consent ☐ ZOO 4440 Limnology (F) 3.0 LIFE 1010, 2400 & one year of CHEM or Consent Recommended: ☐ ZOO 4310 Fisheries Management (F) 3.0 ZOO 4330 or Consent ZOO 4310 Required for Certification ☐ CHEM 2230 Quantitative Analysis (S) 4.0 CHEM 1030, 1060 or equiv ☐ ZOO 4540 Invertebrate Zoology (F) 4.0 LIFE 2022 1 course in Terrestrial Zoology from Terrestrial Option list, see list above: ☐ Course: ☐ BOT/GEOG 4040 Conservation of Natural Resources CS 3.0 6 hrs GEOG or ENR

CS, WB

3.0

WA

Credit hour requirements:

☐ or ENR 4000 Approaches to Envir & Nat Res Prob-Solv

Specialty Courses (a minimum of 23 credit hours required)

BOT 4040 or ENR 4000 Required for Certification/meets 'Human Dimensions' requirement

⁻A total of 128 credit hours must be completed.

⁻A minimum of 42 credit hours at a grade of C or better must be completed in the major courses.