

Checklist for Bachelor of Science Degree in ZOOLOGY
Minimum hours for B.S. = 124 Catalog Year 2000

University Requirements: # Hrs				•
English ^a refer to footnotes for exemption rules	3	ENGL 1013	Composition I	
	3	ENGL 1023	Composition II	
	0-3	ENGL 2003	Junior English	
U.S. History or Government	3	HIST 2003	History of Amer. People to 1877	
		HIST 2013	History of Amer. People 1877 to present	
		PLSC 2003	American Nat'l Government	
College Requirements:				
World Literature, Foreign Literature, Philosophy, & Fine Arts* * 3 courses to be selected from at least two departments	9	WLIT 1113	World Literature I	
		WLIT 1123	World Literature II	
			any other WLIT course	
			a Foreign Language (FLAN) literature course	
		PHIL 2003	Introduction to Philosophy	
		PHIL 2103	Introduction to Ethics	
		PHIL 2203	Logic	
		ARCH 1003	Architecture Lecture	
		LARC 1003	Landscape Architecture	
		ARHS 1003	Art Lecture	
		ART 1003	Art Studio	
		COMM 1003	Film Lecture	
		DANC 1003	Movement and Dance	
		DRAM 1003	Theater Lecture	

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		MLIT 1003	Music Lecture	
Foreign Language	0-9	___ 1003 ^b	Elementary I	
		___ 1013	Elementary II	
		___ 2003	Intermediate I	
Western Civilization	6	WCIV 1003	Western Civilization I	
		WCIV 1013	Western Civilization II	
Social Sciences	3	ANTH 1023	Intro to Cultural Anthropology	
		ECON 2013	Principles of Macroeconomics	
		ECON 2143	Basis Economics	
		GEOG 2103	Emerging Nations	
		GEOG 2203	Developed Nations	
		PSYC 2003	General Psychology	
		SOCI 2013	General Sociology	
Biological Sciences Department Requirements:				
Math^c & Statistics	4	MATH 2554	Calculus I	
	3	STAT 2023/ - 2020L	Biostatistics	
Physical Sciences^d	4	CHEM 1103/ 1101L	University Chemistry I	
	4	CHEM 1123/ 1121L	University Chemistry II	
	4	CHEM 3601/ 3601L	Organic Chemistry I	
	4	CHEM 3613/ 3611L	Organic Chemistry II	
	3	CHEM 3813	Introduction to Biochemistry	

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	4	PHYS 2013/ 2011L	College Physics I	
	4	PHYS 2033/ 2031L	College Physics II	
Biological Sciences Core:				
Biological Sciences Core requirements = 18 h	4	BIOL 1543/ 1541L	Principles of Biology	
	3	BIOL 2533	Cell Biology	
	3	BIOL 3023	Evolutionary Biology	
	3	BIOL 3323	General Genetics	
	3	BIOL 3863	General Ecology	
	1	Laboratory requirement: a minimum of 1 hour lab from BIOL 2531L/3321L/3861L		
	1	BIOL 2001	Bibliographic Practicum	
Majors may count up to 4 hours of these 1000 level courses towards their degree:	0-4	BOTY 1613/ 1611L	Plant Biology	
		ZOOL 1613/ 1611L	General Zoology	
An additional 22 credits from the courses listed below, including at least 2 laboratory courses at the 3-4000 level:				
Morphological and Developmental Zoology	4	ZOOL 2404/ 2400L	Comparative Vertebrate Morphology	
	4	ZOOL 2443/ 2441L	Human Anatomy	
	4	ZOOL 4544/ 4540L	Vertebrate Embryology	
	4	ZOOL 4554/ 4550L	Developmental Biology	

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Systemic and Evolutionary Zoology	4	ZOOL 2814/ 2810L	Invertebrate Zoology	
	3	ZOOL 4623/ 4620L	Advanced Invertebrate Zoology	
	3	ZOOL 4723/ 4720L	Fish Biology	
	3	ZOOL 4733/ 4730L	Ichthyology	
	3	ZOOL 4763/ 4760L	Ornithology	
	3	BIOL 4433	Principles of Evolution	
	3	BIOL 4613	Primate Adaptation and Evolution (= ANTH 4613)	
	4	BIOL 4724/ 4720L	Protistology	
Regulatory and Environmental Ecology	4	ZOOL 2213/ 2211L	Human Physiology	
	4	ZOOL 4814/ 4810L	Limnology	
	3	ZOOL 4833/ 4830L	Animal Behavior	
	4	BIOL 4234/ 4230L	Comparative Physiology	
	4	BIOL 4263/ 4261L	Cell Physiology	
	3	BIOL 4353	Ecological Genetics	
	3	BIOL 4463	Physiological Ecology of Animals	
	3	BIOL 4503	Ecosystem Ecology	
	4	BIOL 4513/ 4511L	Population Ecology	

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	4	BIOL 4824/ 4820L	Community Ecology	
Special Courses	3	ZOOL 4933	Special Topics in Zoology	
	3	BIOL3923H	Honors Colloquium	
	1-4	BIOL 399V	Honors Course	
	1-6	BIOL 480V	Special Problems	
	1-6	BIOL 498V	Senior Thesis	
Senior Writing Requirement	<p>The Fulbright College writing requirement must be met by completion of :</p> <p>a) an Honors Thesis or b) a Senior Thesis (BIOL 498V) or c) a required term paper with a grade of B or above in a 3000-4000 level course on a topic approved by an instructor or d) a paper supervised by a faculty member in Special Problems (BIOL, BOTY, MBIO, or ZOOL 480V).</p>			
<p>Footnotes</p> <p>^a Exemption from Junior English requirement may be granted by a) grades of "A" or "B" in ENGL 1013 and "A" in ENGL 1023 when taken at U of A, Fayetteville or b) passing the Junior English Exemption Exam (taken after completing 45 credit hours)</p> <p>^b Placement determined by number of high school language units completed or a foreign language placement exam. Credit will only be given for 1003 if taking a language not taken in high school.</p> <p>^c Prerequisite for MATH 2554: MATH 1203 & MATH 1213 or MATH 1285</p> <p>^d Prerequisite for CHEM 1013 is MATH 1203 or satisfactory performance on a math proficiency exam, prerequisite for PHYS 2013 is MATH 1203 & MATH 1213 or the equivalent such as MATH 1285.</p>				
<p>Substitutions</p> <p>Substitutions can be made for required courses when the substitution is an equal or more demanding course. Consult your advisor.</p>				