

Name _____

Major Applied Biological Sciences

Degree BS

Wildlife Habitat Management Concentration

I. English Proficiency (6 hrs) (University requirement - "C" min required)	<u>Hrs Cr</u>		<u>Trans</u> from	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		
ENG 101 First-Year Comp (3) and				
ENG 102 First-Year Comp (3) or, if eligible,				
ENG 105 Adv First-Year Comp (3)				
(see Catalog for eligibility requirements)				
Sub Total (I)				

II. General Studies (35 hrs) (see Catalog for approved courses)
A. Humanities & Social Sciences (15 hrs) Combined requirement: Six hours in one area, nine hours in the other, and three hours must be upper-division.
Humanities/Fine Arts (6-9 hrs min.) (HU)

<u>Hrs Cr</u>	<u>ASU</u>	<u>Tr</u>	<u>Trans</u> from	<u>Gr</u>

Social/Behavioral Sciences (6-9 hrs min) (SB)

<u>Hrs Cr</u>	<u>ASU</u>	<u>Tr</u>	<u>Trans</u> from	<u>Gr</u>

Awareness Areas- Cultural, Global and Historical awareness areas must be satisfied. Courses that are listed for a core and awareness area may satisfy both requirements concurrently, as may courses that are listed for more than one awareness area.

C:				
G:				
H:				

B. Literacy/Critical Inquiry (6 hrs min)

L: ABS 480 Ecosystem Mgt and Planning (3)				
L:				

C. Natural Sciences (8 hrs min) SQ/SG- At least four hours must be SQ

SQ/SG: BIO 187 General Biology I SG (4)				
SQ/SG: BIO 188 General Biology II SQ (4)				

D. Mathematical Studies (6 hrs min) One MA (mathematics course) and one CS (Computer/statistics/quantitative applications) course.

MA: MAT 210 Brief Calculus				
CS: ABS 350 Applied Statistics or Equivalent (3)				

Sub Total (II) _____

III. Applied Biological Sciences Core (*May be cross listed with General Studies)

ABS 150 Environmental Biology (3)				
ABS 301 Technology and Biology (2)				
ABS 302 Policy and Biology (2)				
ABS 312 Structure & Function (4)				
ABS 350 Applied Statistics or Equivalent (3) CS				
BIO 187 General Biology I (4) SG				
BIO 188 General Biology II (4) SQ				
BIO 340 General Genetics (4)				

Choose between the two courses below:

BIO 360 Animal Physiology (3)				
OR				
PLB 308 Plant Physiology (4)				
MAT 210 Brief Calculus (3) MA				

Total: (32 - 33)

IV. Wildlife Habitat Management Concentration	<u>Hrs Cr</u>		<u>Trans</u> from	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		

ABS 207 Applied Plant Taxonomy (3)				
ABS 355 Vertebrate Zoology (4)				
ABS 370 Ecology (3)				
ABS 374 Intro. To Wildlife Management (3)				
ABS 376 Wildlife Ecology (3)				
ABS 402 Veg. & Wildlife Measurement (3)				
ABS 420 Ecological Restoration Techniques (3)				
ABS 480 Ecosystem Mgt & Planning (3)				
ABS 485 GIS in Natural Resources (3)				
ABS 490 Applied Biological Sci. Seminar (1)				
CHM 101 Introductory chemistry SQ (4)				
CHM 231 Elementary Organic Chemistry (3)				

Total: (36)

V. Wildlife Supporting Courses	<u>Hrs Cr</u>		<u>Trans</u> from	<u>Gr</u>
	<u>ASU</u>	<u>Tr</u>		

Select 9 credit hours from the following list, or courses approved by advisor:

ABS 375 Conservation Biology (3)				
ABS 378 Wildlife Nutrition (3)				
ABS 470 Mammalogy (4)				
ABS 471 Ornithology (3)				
ABS 475 Habitat Mgt. for Small Wildlife (3)				
ABS 476 Big Game Habitat Management (3)				
BIO 331 Animal Behavior (3)				
BIO 385 Comparative Invertebrate Zoology (3)				
BIO 410 Techniques in Conservation Bio. (2-3)				
BIO 426 Limnology (4)				
BIO 473 Ichthyology (3)				
BIO 474 Herpetology (3)				

Total: (9)

VI. Habitat Supporting Courses	<i>Hrs Cr</i>		<i>Trans from</i>	<i>Gr</i>
	<i>ASU</i>	<i>Tr</i>		

Select 9 credit hours from the following list, or courses approved by advisor:

ABS 225 Soils (3)				
ABS 226 Soils Laboratory (1)				
ABS 368 Plant Propagation (3)				
ABS 380 Restoration and Wildlife Plants (3)				
ABS 381 Natural Resource Policy (3)				
ABS 430 Watershed Management (3)				
ABS 433 Riparian and Wetland Ecology (3)				
ABS 435 Ecological Modeling (3)				
ABS 481 Riparian & Wetland Restoration (3)				
ABS 486 Intro to Remote Sensing (4)				
PLB 308 Plant Physiology (4)				
Total: (9)				

Note: ABS 480, BIO 187, BIO 188, MAT 210, and ABS 350 must be used for both General Studies and concentration requirements to allow graduation within 120 hours.

TOTAL PROGRAM HOURS:

I. English			
II. General Studies			
III. ABS Core			
IV. Wildlife Habitat Mgmt Concentration			
Upper-Division Electives			
V. Wildlife Supporting Courses			
VI. Habitat Supporting Courses			
Total Program Hours			

Graduation Requirements (Regular Curriculum –120 hours)

Total upper-division hours _____ (minimum required 45)