Name_

Major Applied Biological Sciences

Degree BS

Wildlife and Restoration Ecology Concentration

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I. English Proficiency (6 hrs)	Hrs	Cr	Trans	
(University requirement - "C" min required)	ASU	Tr	fr	Gr
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 j	or appr	oved	courses)
A. Humanities & Social Sciences (15 hrs) Combined area, nine hours in the other, and three hours must be upp	requirem	ent: Si.		
Humanities/Fine Arts (6-9 hrs min.) (HU)				
. , , ,				
Social/Behavioral Sciences (6-9 hrs min) (SB)			
Awareness Areas - Cultural, Global and Historical awareness are listed for a core and awareness area may satisfy both requireme are listed for more than one awareness area.				
C:				
G:				
H:				
B. Literacy/Critical Inquiry (6 hrs min)	ı			
L: ABS 480 Ecosystem Mgt & Planning (3)				
L:				
C. Natural Sciences (8 hrs min) SQ/SG- At least ;	four hour:	s must i	be SQ	
SG: BIO 187 General Biology I (4)				
SQ: BIO 188 General Biology II (4)				
D. Mathematical Studies (6 hrs min) One MA (Computer/statistics/quantitative applications) course.	mathemat	tics cou	ırse) and o	ne CS
MA: MAT 210 Brief Calculus (3)				
CS: ABS 350 Applied Statistics or Equivalent (3)				
Sub Total (II)				
III. Applied Biological Sciences Core (*N	May be cro	oss liste	ed with Ge	neral
BIO 187 General Biology I (4) SG				
BIO 188 General Biology II (4) SQ				
ABS 270 Sustainable Biological Systems (3)				
ABS 302 Ethical & Policy Issues in Biology (2)				
BIO 340 General Genetics (4)				
ABS 350 Applied Statistics or Equivalent CS (3)				
MAT 210 Brief Calculus (3) MA				
CHM 113 General Chemistry (4) SQ				
Choose one of the three cour.	ses belo	w:		

BIO 360 Animal Physiology (3)

ABS 498 Applied Plant Physiology (3)

ABS 311 Applied Cell Biology (3)

OR

OR

Total: (30)_

IV. Wildlife and Restoration Ecology	Hrs Cr		Тист	
Concentration	ASU	Tr	Trans from	Gr
ABS 207 Plant Taxonomy (3)				
ABS 370 Ecology (3)				
ABS 274 Intro. To Wildlife Management (4)				
ABS 381 Natural Resource Policy (3)				
ABS 402 Vegetation & Wildlife Measurements (3)				
ABS 440 Ecological Restoration Techniques (3)				
ABS 480 Ecosystem Mgt & Planning (3)				
ABS 485 GIS in Natural Resources (3)				
ABS 490 ABS Seminar (1)				
CHM 231 Elem. Organic Chemistry (3)				
Select one of the following cou	ırse gro	upings		
ABS 225 Soils (3)				
ABS 226 Soils Lab (1)				
ABS 433 Riparian & Wetland Ecology (3)				
ABS 441 Ecological Restoration Practicum (1)				
ABS 482 Ecology & Planning for Restoration (3)				
ABS 483 Ecology & Planning Practicum (2)				
OR				
ABS 355 Vertebrate Zoology (4)				
ABS 376 Wildlife Ecology (3)				
ABS 475 Habitat Mgt for Small Wildlife (4)				
ABS 476 Big Game Habitat Management (3)				
Total: (42-43)				
General Elective required for all Freshman:				
ASU 101: The ASU Experience (1)				

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			I	
	Hrs Cr			
	піѕ	Cr	Trans	
V. Supporting Courses	ASU	Tr	from	Gr
Select 15 credit hours from the following				
list, or courses approved by advisor:				
ABS 225 Soils (3)				
ABS 226 Soils Lab (1)				
ABS 355 Vertebrate Zoology (4)				
ABS 368 Plant Propagation (3)				
ABS 375 Conservation Ecology (3)				
ABS 376 Wildlife Ecology (3)				
ABS 378 Wildlife Nutrition (3)				
ABS 380 Restoration and Wildlife Plants (3)				
ABS 425 Soil Classification & Management (3)				
ABS 430 Watershed Management (3)				
ABS 433 Riparian and Wetland Ecology (3)				
ABS 434 Soil Ecology (3)				
ABS 435 Ecological Modeling (3)				
ABS 441 Ecological Restoration Practicum (1)				
ABS 470 Mammalogy (3)				
ABS 471 Ornithology (3)				
ABS 475 Habitat Mgt. For Small Wildlife (4)				
ABS 476 Big Game Habitat Management (3)				
ABS 481 Riparian & Wetland Restoration (3)				
ABS 482 Ecology & Planning for Restoration (3)				
ABS 483 Restoration Planning Practicum (2)				
ABS 486 Introduction to Remote Sensing (3)				
BIO 331 Animal Behavior (3)				
BIO 385 Comparative Invertebrate Zoology (4)				
BIO 410 Techniques in Conservation Biology (3)				
BIO 426 Limnology (3)				
BIO 473 Ichthyology (3)				
BIO 474 Herpetology (3)				
TOTAL PROGRAM HOURS:				-
I. English				
II. General Studies				
III. ABS Core				
IV. Wildlife & Rest. Ecology Concentration				
V. Supporting Courses				
TOTAL PROGRAM HOURS				
<u> </u>				

Graduation Requirements (Regular Curriculum –120 hours)
Total upper-division hours_____ (minimum required – 45)