



BS in WILDLIFE AND WILDLANDS CONSERVATION (282023) Map Sheet
 Department of Plant and Wildlife Sciences
 For students entering the degree program during the 2012–2013 curricular year.

UNIVERSITY CORE AND GRADUATION REQUIREMENTS				MAJOR REQUIREMENTS (65.0 total hours)			
UNIVERSITY CORE REQUIREMENTS	#Classes	Hours	Classes				
Requirements							
Doctrinal Foundation	2	4.0	Rel A 121 and 122				
Book of Mormon	1	2.0	Rel A 211 or 212				
Doctrine and Covenants	1	2.0	Rel C 324 or 325				
The Individual and Society							
Citizenship	1-2	3-6.0	from approved list				
American Heritage	1	3.0	from approved list				
Global & Cultural Awareness							
Skills							
Effective Communication	1	3.0	from approved list				
First-Year Writing	1	3.0	Engl 316 recommended				
Adv Written & Oral Communication	0-1	0-3.0	from approved list				
Quantitative Reasoning	1	3.0	Stat 121 recommended				
Languages of Learning (Math or Language)							
Arts, Letters, and Sciences							
Civilization 1 and 2	2	6.0	from approved list				
Arts	1	3.0	from approved list				
Letters	1	3.0	from approved list				
Scientific Principles & Reasoning	1-2	3-5.0	from approved list				
Biological Science	2	6.0	Chem 101, Geol 101				
Physical Science			recommended				
Social Science	1	3.0	Econ 110 recommended				
Core Enrichment: Electives							
Religion Electives	3-4	6.0	from approved list				
Open Electives	Variable	Variable	personal choice				
GRADUATION REQUIREMENTS:							
Minimum residence hours required		30.0					
Minimum hours needed to graduate		120.0					

(continued in next column)

FOR UNIVERSITY CORE QUESTIONS CONTACT THE ADVISEMENT CENTER ◆ FOR MAJOR QUESTIONS SEE YOUR FACULTY ADVISOR
 *THESE CLASSES FILL BOTH UNIVERSITY CORE AND MAJOR REQUIREMENTS (3.0 hours overlap)

BS in WILDLIFE AND WILDLANDS CONSERVATION (282023) 2012-2013

Suggested Sequence of Courses:

FRESHMAN YEAR		JUNIOR YEAR	
1st Semester		5th Semester*	
Arts or Letters elective	3.0	PWS 355 (F)	3.0
Phy S 100 (FWSSSu)	3.0	PWS 344	3.0
First-Year Writing	3.0	Major electives	3.0
or A Htg 100		Rel C 324 or 325 (FWSSpSu)	2.0
PWS 115 (F)	1.0	PWS 357	3.0
Quantitative Reasoning (if needed)	3.0	Global & Cultural Awareness elective	3.0
Rel A 121 (FWSSpSu)	2.0	Total Hours	17.0
Total Hours	15.0		
2nd Semester		6th Semester	
A Htg 100	3.0	PWS 375	3.0
or First-Year Writing		Advanced Written & Oral Communication	3.0
Bio 220A (FW)	4.0	Major electives	3.0
Civilization 1 elective	3.0	Civilization 2 elective	3.0
PWS 100 (FW)	3.0	Religion elective (FWSSpSu)	2.0
Rel A 122 (FWSSpSu)	2.0	Total Hours	14.0
Total Hours	15.0		
SOPHOMORE YEAR		SENIOR YEAR	
3rd Semester		7th Semester*	
PWS 282 (FWSSp)	3.0	PWS 416 (F)	3.0
PWS 283 (FWSSp)	1.0	Major electives	6.0
PWS 350 (F)	3.0	Arts or Letters elective	3.0
Major elective	3.0	General elective	1.0
Lang. or Learning (recommend: Star 221)	3.0	Total Hours	13.0
Rel A 211 or 212 (FWSSpSu)	2.0		
Total Hours	15.0		
4th Semester		8th Semester	
Biological Science elective	3.0	PWS 417	3.0
PWS 215 (W)	3.0	PWS 446 (W)	3.0
PWS 330 (W)	3.0	NDEFS 330 (W)	3.0
PWS 225 (W)	3.0	PWS 492 (W)	1.0
PWS 275 (W)	3.0	Social Science elective (Econ 110 recommended)	3.0
Religion elective	2.0	Religion electives (FWSSpSu)	2.0
Total Hours	17.0	Total Hours	15.0

THE DISCIPLINE:

The wildlife and wildlands conservation major provides the widest range of employment opportunities in the applied ecological fields of wildlife and rangeland resources management. Prescribed courses meet foundation requirements for a wildlife biologist, range conservationist, botanist, and zoologist, as listed in the Federal Register. Graduating students qualify to work for federal and state wildlife and natural resource agencies. Opportunities exist for those with advanced degrees to work as consultants or to be employed with private companies concerned with natural resource management.

RESEARCH OPPORTUNITIES:

Undergraduates can volunteer to participate in various field and laboratory research projects with faculty and graduate students. Students are often hired to help with research projects and may work part time while in school and full time in the summer months.

INTERNSHIPS, CO-OP ED, PRACTICAL EXPERIENCE:

Numerous opportunities exist for students to gain experience and establish working relationships with federal and state natural resource agencies as well as private organizations. Many agencies will hire students full time during the summer. Students often find permanent employment and opportunities for graduate research by participating in these programs.

HONORARY SOCIETIES AND CLUBS:

Students are encouraged to become associated with the BYU Wildlife and Range Club, which represents the Wildlife Society and the Society for Range Management. The club assists students in attending state and national meetings of these professional societies.

CAREER SELECTIONS:

Recreation Officer – Supervisor of parks, sanitary control, public conferences, talks and tours.

Wildlife Biologists – Habitat management and development, operational planning. Public relations.

Waterfowl and game refuge development and management. Management of endangered species. Administration. Environmental impact studies.

Wildlife Conservation Officer – Collect biological data on wildlife. Monitor availability and condition of wildlife.

Enforce game laws. Investigate violations of game laws. Public relations include speaking to school and civic groups about game laws, availability of game, conservation, etc.

Range Conservationist – Managing natural resources of rangelands. Oversight of livestock grazing. Wildlife management. Evaluation of mineral leases. Regulation and evaluation of recreation. Develop cooperative relationships with range users. Research new methods and techniques. Environmental impact analysis.

Others – Include Botanist, Zoologist.

(See faculty advisor for additional career choices.)

FINANCING:

Students in this major may apply for university, college, and departmental scholarships. A limited number of research or teaching assistant positions for undergraduate students also exist.

Note: This degree program requires a minimum of 123.0 hours for graduation. Students are encouraged to complete an average of 15 credit hours each semester or 30 credit hours each year, which could include spring and/or summer terms. Taking fewer credits substantially increases the cost and the number of semesters to graduate.

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