

2011 - 2012 Advising Checklist
Requirements for degree (BS) in WILDLIFE RESOURCES
College of Natural Resources

Name _____ High School _____ Advisor _____

Transferred from _____ Year Started UI _____

Course		Title (Prerequisites)	CR	Sem/Yr	GR
FIRST YEAR					
Chem	101/L	Introduction to Chemistry I/Lab	4	FS	
Comm	101	Fundamentals of Public Speaking	2	FS	
ISEM	101	Integrated Seminar	3	F/S	
Engl	102	College Writing & Rhetoric (Engl 101 or equiv.)	3	FS	
NR	101	Exploring Natural Resources - 1 st half of semester	1	F	
Wlf	102	The Fish and Wildlife Professions - 2 nd half of semester	1	F	
Biol	115	Cells and the Evolution of Life (Pre- or Co-req: Chem 101 or 111)	4	FS	
Geol	101/L	Physical Geology w/ lab	4	FS	
Soil	205/6	General Soils/lab (Chem 101 or equiv)	3/1	FS	
Math	160	Survey of Calc (scores, test, Math 137 or 143)	4	FS	
Math	170	Analytic Geometry and Calculus I (Math 143, scores, test)			
SECOND YEAR					
Biol	116	Organisms and Environment (Prereq: Chem 101 or 111, Biol 115)	4	FS	
Biol	210	Genetics (Biol 115 or MMBB 250)	4	F	
Gene	314	General Genetics (Biol 115 or MMBB 154 or perm)			
Chem	275	Carbon Comp (Chem 101 or 111)	3	FS	
Chem	277	Organic Chemistry I (Chem 112)			
For/CSS**	235*	Society and Natural Resources – SS	3	FS	
Biol	213	Principles of Biological Structure and Function (Biol 115 and 116)	4	S	
Biol	341	Systematic Botany (Biol 115 & 116)	3	S	
For	320	Dendrology (Biol 116 or PISc 205)	4	S	
REM	353	Range Plant Id & Ecology (For/REM 221)	3	F	
Econ**	202*	Principles of Economics (sophomore) – SS	3	FS	
For or REM	221	Fundamental Principles of Ecology (Biol 102, Biol 115 or 116)	3	S F	
Stat	251	Statistical Methods (Math 137, 143, 160, 170 or perm)	3	FS	
Approved International Course			3	FS	
Univ. CORE (Reference UI Catalog): ISEM 101, Hum/SocSci, approved upper division course, approved int'l course <input type="checkbox"/> 8 credits minimum.					

English Transfer Test: Must be Taken; Passed (date) _____

course *semester* *grade*

- No upper division course may be taken while on probation.
- 36 upper division credits must be completed. Transfer courses are upper division if they were 300 or 400 level courses at a previous institution.
- NOTE: Students pursuing a B.S. in Wildlife Resources must receive a grade of C or better in each of the following 4 indicator courses to register in fish- and wildlife-prefixed upper division courses and to graduate with a B.S. in Wildlife Resources: **Biol 116; Biol 213; Stat 251; and For or REM 221.**
- A student must receive a grade of C or better in each fish- and wildlife-prefixed upper division course listed for the B.S. in Wildlife Resources.
- 128 total credits for degree.

Biol 116	_____	_____
Biol 213	_____	_____
Stat 251	_____	_____
For/REM 221	_____	_____

Wildlife Resources curriculum continued:

Course		Title (Prerequisites)	CR	Sem/Yr	GR
THIRD YEAR					
AVS	271/L	Anatomy and Physiology w/ lab	4	F	
Comm	431	Applied Business and Professional Communication	3	FS	
Engl	208	Personal & Exploratory Writing (Engl 102)		FS	
Engl	317	Technical Writing (Engl 102, exam, Jr.)		FS	
Wlf	314	Wildlife Ecology I (For/Rnge 221)	3	F	
Wlf	315	Wildlife Ecology I Lab (pre/coreq: Wlf 314)	1	F	
For	383	Econ for Natural Resource Managers (Econ 201 or 202, Math 143 or 160 or 170, For 235)	3	F	
Econ	385	Environmental Economics (Econ 202 or 272)		S	
AgEc	477	Law, Ethics and the Environment (jr. standing)		F	
Phys	100/L	Fundamentals of Physics w/ lab	4	S	
Phys	111/L	General Physics I (Math 143)w/ lab		FS	
Wlf	316	Wildlife Ecology II (Wlf 314, 315 or perm)	4	S	
		Restricted Elective - see below ***	4	S	
FOURTH YEAR					
		Restricted Elective - see below ***	3/4	F	
Wlf	448	Fish & Wlf Pop Ecology (Stat 251, Fish/Wlf 316 or a course in vert. ecol)	4	F	
Wlf	495	Seminar (Sr. standing)	1	F	
Wlf	440	Conservation Biology (For/Rnge 221 or Biol 314 or perm)	3	F	
Wlf	492	Wildlife Management (Wlf 316, Wlf 448, pre- or co-req: 1 of the following courses - Wlf 482, Biol 481, Biol 483, Biol 484)	4	S	

*** Restricted Electives . . . Choose a total of 2 courses- a grade of C or better required:

Biol 481 Ichthyology - 4 credits (Biol 115 & 116) – spring

Wlf 482 Ornithology - 4 credits (Biol 213) – spring

Biol 483 Mammalogy - 3 credits (Biol 115 & 116) – fall

Biol 489 Herpetology – 4 credits (Biol 115 & 116) – fall

Approved work experience in major field required to graduate - form available in Fish & Wildlife office Completed

** counts as social science credit for some catalog years

ELECTIVES (to total 128 credits):

For students interested in a **pre-vet program** under the wildlife resources curriculum:

Prefer taken:

Communications 431, Professional Presentation Techniques

Substitute:

Physics 111, General Physics for Physics 100, Fundamentals of Physics (credits equal)
 Chemistry 111, Principles of Chemistry I for Chemistry 101, Introduction to Chemistry I (credits equal)
 Chemistry 277/278, Organic Chemistry I and Lab for Chemistry 275, Carbon Compounds (1 extra credit)

Add:

Chemistry 112, Principles of Chemistry II (5 credits)
 MMBB 380, Introductory Biochemistry (4 credits)
Total: 10 additional credits

For students interested in becoming a **conservation officer**, electives from the following courses are suggested:

Comm 331 Conflict Management (3 cr)	JAMM 252 Principles of Public Relations (3 cr)
Comm 347 Persuasion (3 cr)	JS 101 Introduction to the Justice System (3 cr)
CSS 387 Environmental Communication Skills (3 cr)	
CSS 494 Public Relations for Natural Resources Professionals (3 cr)	