

2017-2018 Advising Checklist
Requirements for the **B.S. Wildlife Resources** degree
College of Natural Resources

Name: _____ Student ID: _____ Advisor: _____

Course (prerequisite classes; notes)

First Year – Fall Semester	CR	GR	Sem
NR 101 - Exploring Natural Resources	2		F
CHEM 101 - Introduction to Chemistry I	4		FS
ENGL 101 - Introduction to College Writing (sufficient standardized test score)	3		FS
MATH 108 - Intermediate Algebra	3		FS
^ISEM 101 - Integrated Seminar OR ^General Education Requirement	3		FS
Total Credits	15		

^General Education Requirements: 18-credit minimum

First Year – Spring Semester	CR	GR	Sem
WLF 102 - The Fish & Wildlife Professions	1		S
BIOL 114 - Organisms & Environments	4		FS
COMM 101 - Fundamentals of Public Speaking	2		FS
^ENGL 102 - College Writing & Rhetoric (ENGL 101 or equivalent)	3		FS
^MATH 143 - Pre-calculus Algebra & Analytic Geometry (MATH 108)	3		FS
^ISEM 101 - Integrated Seminar OR ^General Education Requirement	3		FS
Total Credits	16		

Second Year – Fall Semester	CR	GR	Sem
WLF 201 - Fish & Wildlife Applications I (NR 101 or permission)	1		F
WLF 220 OR FOR/REM 221 - Principles of Ecology (BIOL 102/102L, 114, 115, or PLSC 205; or permission)	3		FS
FOR/NRS 235 - Society and Natural Resources	3		F
BIOL 115/115L - Cells & the Evolution of Life (Prereq or Coreq: CHEM 101 or 111)	4		FS
MATH 160 - Survey of Calculus (MATH 143 with C or better) OR MATH 170 - Analytic Geometry & Calculus I (MATH 143 with C or better and MATH 144)	4		FS
^ISEM 301 - Great Issues (ENGL 102 and Sophomore standing)	1		FS
Total Credits	16		

Second Year – Spring Semester	CR	GR	Sem
FISH 202 - Fish & Wildlife Applications II (NR 101 or permission)	1		S
BIOL 213 - Principles of Biological Structure & Function (BIOL 115)	4		S
CHEM 275 - Carbon Compounds (CHEM 101 or 111) OR CHEM 277 - Organic Chemistry I (CHEM 112)	3		FS
GEOL 101/101L - Physical Geology OR PHYS 100/100L - Fundamentals of Physics OR PHYS 111/111L - General Physics I (MATH 143) OR SOIL 205 & 206 - The Soil Ecosystem and Lab (CHEM 101 or 111)	4		FS S FS FS
STAT 251 - Statistical Methods (MATH 108 or higher)	3		FS
Total Credits	15		

A student must receive a grade of C or better in each of these indicator courses to register for fish- and wildlife-prefixed upper-division courses and to graduate with a B.S. in Wildlife Resources:

Indicator Courses	CR	GR	Sem
BIOL 114	4		FS
BIOL 213	4		S
FOR/REM 221 OR WLF 220	3		FS
STAT 251	3		FS

Third Year – Fall Semester	CR	GR	Sem
WLF 314 - Ecology of Terrestrial Vertebrates (FOR 221, REM 221, WLF 220 or BIOL 314)	3		F
WLF 315 - Wildlife Techniques Lab (Coreq: WLF 314)	2		F
FOR 320 - Dendrology (Prereq or coreq: BIOL 114 or PLSc 205) OR REM 341 - Systematic Botany (Biol 115 and Biol 213 or PLSc 205) OR REM 252 - Wildland Plant ID AND REM 253 - Wildland Plant ID Field Studies (REM 252)	4 3 2/1		F S S/SU
BIOL 310 - Genetics (BIOL 115 or BIOL 250) OR GENE 314 - General Genetics (Biol 115 or BIOL 154)	3 3		F S
^General Education Requirement	3		FS
Total Credits	15		

Third Year – Spring Semester	CR	GR	Sem
WLF 371 - Physiological Ecology of Fish and Wildlife (BIOL 213)	3		S
WLF 448 - Fish and Wildlife Population Ecology (STAT 251; and MATH 160 or 170)	4		S
Social/Political Restricted Elective	2-3		FS
ENGL 316 - Environmental Writing (ENGL 102; Jr standing or perm) OR ENGL 317 - Technical Writing (ENGL 102; Jr standing or perm) OR ENGL 318 - Science Writing (ENGL 102; Soph standing)	3 3 3		F FS S
^General Education Requirement	3		FS
Total Credits	15-16		

Fall, Spring, or Summer Semester	CR	GR	Sem
FISH OR WLF 398 - Renewable Natural Resources Internship (1 cr Su + 1 cr F; or 2 cr on campus F/S)	2		FS SU

Fourth Year – Fall Semester	CR	GR	Sem
WLF 440 - Conservation Biology (FOR 221, REM 221, WLF 220, or BIOL 314)	3		F
FOR 375 - Intro to Spatial Analysis for Nat Res Mgmt (college algebra)	3		FS
REM 411 - Wildland Habitat Ecology and Assessment (Rec prep: REM 252 & 253, REM 341, or other plant ID course; Rec coreq: REM 410; Prereq: Stat 251 or permission)	2		F
Restricted Elective	3-4		F
ECON 202 - Principles of Microeconomics	3		FS
Total Credits	14-15		

Fourth Year – Spring Semester	CR	GR	Sem
WLF 492 - Wildlife Management (Prereq: WLF 448; Prereq or coreq: WLF 482, FISH 481, or BIOL 483)	4		S
NRS 383 - NR & Ecosystem Service Economics (FOR/NRS 235; and ECON 202 or 272; and MATH 143)	3		S
Restricted Elective	4		S
^General Education Requirement	3		FS
Total Credits	15		

Restricted Electives: Organismal Biology - Choose two courses; Social/Political - Choose one course

Organismal Biology Restricted Electives	CR	GR	Sem
BIOL 483 - Mammalogy (BIOL 114 and 115)	3		F
BIOL 489 - Herpetology (BIOL 114 and 115)	4		F
FISH 481 - Ichthyology (BIOL 114 and 115)	4		S
WLF 482 - Ornithology (BIOL 114 and 115)	4		S

Social/Political Restricted Electives	CR	GR	Sem
COMM 410 - Conflict Management	3		FS
FOR 484 - Forest Policy and Administration	2		S
NRS 250 - Environmental Problem Solving	3		TBD
NRS 311 - Public Involvement in Natural Resource Management	3		S
NRS 387 - Environmental Communication Skills (NRS 125 or permission)	3		S
NRS 462 - Natural Resource Policy	3		S
WLF 205 - Wildlife Law Enforcement	2		S

Students must receive a grade of C or better in each organismal biology, fish-prefixed, and wildlife-prefixed upper-division course listed in the requirements for the B.S. in Wildlife Resources.

120 total credits are required for the degree

For students interested in the pre-vet program under the wildlife resources curriculum:	
Prefer taken:	COMM 431 - Applied Business and Professional Communication
Substitute:	PHYS 111 - General Physics I for Physics 100 - Fundamentals of Physics (credits equal)
	CHEM 111 - Principles of Chemistry I for Chemistry 101 - Introduction to Chemistry I (credits equal)
	CHEM 277/278 - Organic Chemistry I and Lab for Chemistry 275 - Carbon Compounds (1 extra credit)
Add:	CHEM 112 - Principles of Chemistry II (5 credits)
	BIOL 380 - Biochemistry I (4 credits)
	Total: 10 additional credits

For students interested in becoming a Conservation Officer , the following general education and elective courses are useful additions: (prerequisite classes)	
General Education courses: SOC 101, PSYC 101, COMM 233	
SOC 260 - Intro to Deviance and Crime (SOC 101)	
SOC 331 - Criminology Theory (SOC 101)	
PSYC 320 - Introduction to Social Psychology (PSYC 101)	
COMM 410 - Conflict Management (COMM 233)	
NRS 125 - Introduction to Conservation and Natural Resources	
NRS 387 - Environmental Communication Skills (NRS 125)	