2011-2012 Advising Checklist
Requirements for the **B.S. FOREST RESOURCES** degree
College of Natural Resources

Name: _____ Student ID: _____ Advisor: _____

Course (prerequisite classes)

First Year-Fall Semester	CR	GR	Sem
•Chem 101 Intro to Chem or 111 Princ of Chem	4		FS
•Engl 102 College Wrt. and Rhetoric (Eng 101)	3		FS
^•ISEM 101 Integrated Seminar	3		FS
NR 101 Exploring Natural Resources	1		F
•Math 143 or equivalent test score (Math 108)	3		FS
Total Credits	14		

First Year-Spring Semester	CR	GR	Sem
•Biol 115 Cells & the Evol of Life (Chem 101)	4		FS
For 102 Intro to Forest Management	1		S
Phys 100 and lab (or 2nd year)	4		S
•Stat 251 Principles of Statistics (Math 108)	3		FS
^Humanities	3		FS
Total Credits	15		

Second Year-Fall Semester	CR	GR	Sem
For 274 Forest Measurement & Inventory (Coreq: Stat 251)	3		F
For 373 Forest Sampling Methods (Coreqs: For 274 and Stat 251)	2		F
•Biol 116 Organisms and Environments (Biol 115 & Chem 101) **OR** PlSc 205 Gen Botany (Biol 115)	4		FS
^General Core requirements			
Total Credits			

OR

Second Year-Spring Semester	CR	GR	Sem
For 221 Ecology (Biol 102, or 115, or 116 or PlSc 205)	3		S
PlSc 205 Gen Botany (Biol 115) **OR** Biol 116 Organisms and Environments (Biol 115 & Chem 101)	4		S
^General Core requirements			
Total Credits			

Second Year-Either Semester	CR	GR	Sem
Econ 202 Principles of Economics	3		FS
For 235 Society and Natural Resources	3		FS
Soil 205, 206 The Soil Ecosystem and Lab (Chem 101)	4		FS

Third Year-Fall Semester	CR	GR	Sem
For 330 Forest Ecosystem Proc (Soil 205, Math 143 or 160, Physics 100 or 111, and For 221 or REM 221)	3		F
Restricted Electives			
^General Core Requirements			
Career Tracks electives or minor electives			
Total Credits			

Third Year-Spring Semester	CR	GR	Sem
■ For 383 Substitutes: AgEcon 451 or Econ 385	3		S
For 320 Dendrology (Biol 116 or PlSc 205)	4		S
For 324 Forest Regeneration (For 274, For 330, Soils 205 and 206)	3		S
For 375 Intro to Spatial Analysis for Natural Resource Management (college algebra)	3		S
Restricted Electives			
^General Core Requirements			
Career Tracks electives or minor electives			
Total Credits			

Third Year-Either Semester	CR	GR	Sem
Engl 317 Tech Writing or Engl 313 Bus Writing (Engl 102)	3		FS

•Recommended semester for this course
^General Core Requirements: 18-credit minimum

Fourth Year-Fall Semester	CR	GR	Sem
For 424 Forest Dynamics and Mgmt (Sr standing, For 274, 320, 324 and 330)	4		F
For 462 Watershed Science and Management (Rec: Math 143 or 160, HS physics or Phys 100 or 111)	3		F
Restricted Electives			
^General Core Requirements			
Career Tracks electives or minor electives			
Total Credits			

Fourth Year-Spring Semester	CR	GR	Sem
For 468 Forest and Plant Pathology (For 320 and For 330)	2		S
For 469 Introduction to Forest Insects (For 221 or REM 221)	2		S
For 484 Forest Policy and Admin (Jr standing Rec: For 235 and For 383)	2		S
Restricted Electives			
^General Core Requirements			
Career Tracks electives or minor electives			
Total Credits			

Restricted Electives: Must take 16 credits of the courses listed below.

Restricted Electives-Fall Only	CR	GR	Sem
Biol 421 Advanced Evolution/Pop Dynamics (Biol 314 or For 221 or REM 221)	3		F
Fish 314 Fish Ecology (For 221 or Biol 314)	3		F
Fish 415 Limnology (Stat 251 and For 221 or Biol 314)	4		F
For 423 Forest Community Ecology (For 221)	1		F
For 425 Forest Nutrient Cycling (For 330, Soils 205)	3		F
For 426 Wildland Fire Mgmt & Ecology (For 221 or REM 221)	3		F
For 427 Prescribed Burning Lab (REM 244, For 450, For 451, Sr standing, and permission; Coreq: For 426)	3		F
For 463 Hydrologic Measurement Techs (Coreq: CE 325/BAE 355, BAE 450, or For 462)	1		F
For/REM 472 Remote Sensing of the Environment (Rec: Phys 100 or 112)	3-4		F
♦ForP 277 Wood Anatomy and Identification	3		F
♦ForP 430 Forest Engineering & Harvesting (Rec: ForP 230)	3		F
Geog 301 Meteorology (Geog 100 or Phys 100, and Math 143, or permission)	3		F
Geol 111 Physical Geol for Science Majors	4		F
PolS 364 Politics of the Environment	3		F
REM 357 Rangeland & Riparian Habitat Assess	3		F
REM 402 GIS Applications in Natural Resources *OR* REM 407 GIS Applications in Fire Ecology and Mgmt (NR 402 or GIS Primer)	2		F S
REM 459 Rangeland Ecology (gen ecol or perm)	2		F
REM 460 Rangeland Ecology Current Topics & Field Studies (Coreq:REM 459)	1		F
Wlf 314 Wildlife Ecology I (For 221 or Biol 314)	3		F
Wlf 440 Conservation Biology (For 221 or Biol 314 or permission)	3		F

♦Classes required for Forest Operations Option

Restricted Electives-Spring Only	CR	GR	Sem
AgEc 477 Law, Ethics and the Environment	3		S
Biol 213 Princ of Biol Structure & Function (Biol 115 and 116)	4		S
CSS 486 Public Involvement in Nat Res Mgmt	3		S
CSS 490 Wilderness and Protected Area Mgmt	3		Alt/yrs S
Fish 430 Riparian Ecology & Mgmt (For 221 or Biol 314)	3		S
♦ForP 432 Designing Forest Access (Prereq or Coreq: ForP 430 or Permission)	3		Alt/yrs S
♦ForP 434 Forest Tractor and Cable Systems (Phys 111 or 211, and ForP 430 or Perm; Coreq: ForP 430)	4		Alt/yrs S
♦ForP 444 Primary Wood Products Manufacturing (ForP 277)	3		S
REM 429 Landscape Ecology (For 221 or REM 221)	3		S
REM 440 Wildland Restoration Ecology (ecol.) or REM 441 Restoration Ecology	3		S
Soils 446 Soil Fertility (Rec: Soil 205 and 206)	1-3		S
Soils 454 Soil Development and Classification (Rec: Soil 205 and 206)	3		S
Wlf 316 Wildlife Ecology II (Wlf 314 and 315 with 'C' or better)	4		S

Restricted Electives-Either Semester	CR	GR	Sem
For 497 Senior Thesis (Sr standing, GPA 3.2+)	2-4		FS
Geog 385 GIS Primer	3		FS
Math 160/170 Surv of Calc/Analy Geom & Calc	4		FS
Stat 401 Statistical Analysis (Stat 251, 271, or 301)	3		FS

Students must have a minimum cumulative grade-point average of 2.00 in Forest Resources (For) courses to qualify for the B.S. degree in Forest Resources.

A student must receive a grade of C or better in each of the following indicator courses to register for upper-division courses in forest resources and to graduate with a B.S. For Res:

Course	CR	GR	Sem
Math 143 (or equivalent test score)			
Stat 251			
For 221			
For 274			

128 total credits required for degree.

•Recommended semester for this course
^General Core Requirements: 18-credit minimum