## 2011-2012 Advising Checklist Requirements for the B.S. degree in Rangeland Ecology and Management 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
<ul> <li>Engl 102 College Wrt. and Rhetoric (Eng 101)</li> </ul>	3		FS
^•ISem 101 Integrated Seminar	3		FS
•Math 143 (Math 108) or Math 160 (Math 137	3/4		FS
or 143)			
<ul> <li>NR 101 Exploring Natural Resources</li> </ul>	1		F
REM 251 Rangeland Principles	2		F
Total Credits	16		

First Year-Spring Semester	CR	GR	Sem
Biol 115 Cells & the Evol of Life (Chem 101)	4		FS
Comm 101 Fundamentals of Public Speaking	2		FS
For/CSS 235 Society and Natural Resources	3		FS
•REM 351 Wildland Plant ID Field Studies	3		S
^Humanities	3		FS
Total Credits	15		

Second Year-Fall Semester	CR	GR	Sem
Biol 116 Organisms and Environments     (Biol 115 & Chem 101	4		FS
Chem 275 Carbon Compounds (Chem 101 or 111, or perm)	3		FS
^General Core requirements			
Total Credits		,	

Second Year-Spring Semester	CR	GR	Sem
Biol 213 Principles of Biol. Structure & Func. (Biol 115 & Biol 116)	4		S
Soil 205 & 206 The Soil Ecosystem and Lab (Chem 101)	4		FS
^General Core requirements			
Total Credits			

Second Year-Either Semester	CR	GR	Sem
^Econ 201 & 202 Principles of Economics	3/3		FS
REM or For 221 Ecology (Biol 102, 115 or 116, or perm)	3		FS
Stat 251 Principles of Statistics (Math 108)	3		FS
^Humanities Course to Complete Core Requirement	3		FS
^Course to fill International Requirement	3		FS

OR

CR	GR	Sem
2		F
4		F
3		FS
	2 4	2 4

Third Year-Spring Semester	CR	GR	Sem
For 375 Introduction to Spatial Analysis (college algebra)	3		S
Fish 430 Riparian Ecology & Management (REM/For 221 or Blol 314)	3		S
REM 341 Systematic Botany (Biol 115 & Biol 116; or PISc 205)	3		S
REM 452 Western Wildland Landscapes (For/Rem 221) <b>OR</b>	2 or		S
REM 429 Landscape Ecology (For/REM 221)	3		S
Career Tracks electives:			
Total Credits			

<sup>•</sup>Recommended semester for this course ^General Core Requirements: 18-credit minimum

Fourth Year-Fall Semester	CR	GR	Sem
REM 459 Rangeland Ecology	2		F
REM 460 Rangeland Ecol Current Topics & Field Studies (Coreq: REM 459)	1		F
^General Core Requirements			
Career Tracks electives or minor electives			
Total Credits			

Fourth Year-Spring Semester	CR	GR	Sem
REM 440 Wildland Restoration Ecology	3		S
REM 456 Integrated Rangeland Management (Recommended: REM 251)	3		S
Soil 454 Soil Dev & Classification (Soil 205 & 206)	3		S
Career Tracks electives or minor electives			
Total Credits			

Students must also complete 19 credits of *advisor approved electives* in emphasis areas that include: Restoration Ecology, Field Botany, Spatial Ecology, Watershed Science, Wildland Fire Management, Invasive Plant Management, Wildlife Habitat Management, Tribal Land Management, Rangeland Economics, Natural Resource Communication, and Environmental Consulting.

Career Track	Career Track Credits				
Course #	Course Name (Prerequisites)	CR	GR	SEM	YR

- 1. No upper division course may be taken while on probation.
- 2. Cumulative GPA for CNR courses must be 2.0 for graduation
- 3. 36 upper division credits must be completed. Transfer courses are upper division if they were 300 or 400 level courses at a previous institution.
- 4. 128 total credits required for degree.
- 5. Freshmen complete 18 credits of Integrated Seminar (ISEM 101) and UI Core totaling 18 credits of social science and humanities. (UI Core requirements not fulfilled by CNR and REM requirements: Humanities 6 cr, International 3 cr.)

<sup>•</sup>Recommended semester for this course

<sup>^</sup>General Core Requirements: 18-credit minimum