

<b>NATURAL RESOURCE MANAGEMENT SAMPLE CURRICULUM</b> <b>2011-2012</b> <b>General Degree Program</b>
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*\*Please see the separate sheets for additional requirements for the optional emphasis areas.*

### FRESHMAN

Fall	Winter
MTH 110 Algebra (prerequisite course)	MTH 122 College Algebra (required cognate, BS cognate)
BIO 120 General Biology I (required cognate)	BIO 121 General Biology II (required cognate)
CHM 109 Introductory Chemistry, or CHM 115 Principles of Chemistry I (required cognate)	GEO 111 Physical Geology (required cognate)
WRT 150 Strategies in Writing (required general education course)	NRM 150 Introduction to Natural Resources (required core)

### SOPHOMORE

Fall	Winter
NRM 250 Resource Measurements and Maps	NRM 395 GIS Application in Resource Mgmt (only offered in winter)
NRM 281 Principles of Soil Science	STA 215 Introductory Applied Statistics (required cognate)
BIO 215 General Ecology (required cognate)	ECO 211 Microeconomics (required cognate)
Gen Ed Courses	Gen Ed Courses

### JUNIOR

Fall	Winter
Cognate courses	NRM 320 Intro. to Resource Systems (required core, BS cognate)
NRM Core Elective	Cognate courses
Gen Ed Courses	Gen Ed Courses
	NRM core electives

### SENIOR

Fall	Winter
BIO 460 Terrestrial Ecosystem Ecology (required core, BS cognate)	NRM 495 Capstone: Trends in NRM (required core - SWS)
Cognate courses	Cognate courses
NRM core electives	NRM core electives

### KEY

required cognate - you must take this class  
 required core - you must take this class

General education classes, cognates, and NRM elective classes should be taken to complete your schedule. You may want to consider taking the Earth and the Environment Theme; be advised that BIO 105 will NOT count as a cognate class. Consult with your advisor about the other choices in that category.

### NRM CORE ELECTIVE OPTIONS

BIO 408 Wildlife Management (check with your advisor)	NRM 140 The Climatic Factor
NRM 380 Special Topics (also NRM 180, 280, 480)	NRM 240 Principles of Climatology
NRM 330 Environmental Pollution	NRM 420 Wildland Recreation Mgmt.
NRM 450 Applied Spatial Analysis of Natural Resources	NRM 451 Natural Resource Policy
NRM 452 Watershed and Wetland Management	NRM 462 Forest Ecosystem Management
NRM 481 Soils and Soil Classification	NRM 484 Land Reclamation
NRM 490 Internship in Resource Management	NRM 499 Research in Resource Management

Updated: 5/23/2011

<b>REQUIREMENTS FOR A NATURAL RESOURCES MANAGEMENT MAJOR</b> <b>General Degree Program</b>
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**CORE (NRM) CLASSES**

You must take and pass a minimum of 40 credits of NRM core classes with a GPA of 2.0 or better.

BIO 460 counts as a core (NRM) class.

You should consult with your advisor for guidance as to which classes to take.

**COGNATE CLASSES**

You must take and pass a minimum of 40 credits of classes in cognate areas (they may NOT have an NRM prefix).

There are 29 - 30 credits of cognates required in the curriculum:

MTH 122 College Algebra	STA 215 Introductory Applied Statistics
BIO 120 General Biology I	BIO 121 General Biology II
BIO 215 General Ecology	GEO 111 Physical Geology
CHM 109 Introductory Chemistry	ECO 211 Microeconomics
or CHM 115 Principles of Chemistry I	

Select the remaining 10 -11 hours from the following categories

BIO 222 and above	MTH 123 and above
CHM 116 and above	GPY 307, 370, 407, 410, 412 or 470
HTM 268	PA 270
CIS 150 and above	STA 216 and above
ECO 345	GEO 112 and above

You should consult with your advisor for guidance as to which classes to take. This is particularly important if you plan to attend graduate school.

**SUPPLEMENTAL WRITING SKILLS (SWS)**

WRT 150 should be taken before your first SWS class.

Two SWS (supplemental writing skills) classes must be completed. Only one can have a NRM prefix. NRM 495, a required class, is also an SWS class. Please check the schedule carefully to ensure that these classes are being taught as SWS classes (occasionally they do not have an SWS designation).

**GENERAL**

Most of the classes should be taken in the order suggested on the other side because they are prerequisites to NRM classes.

Most of the NRM classes are offered only once each year.

NRM classes are generally not offered during the summer. You are encouraged to obtain a natural resources management job, an internship (NRM 490), conduct a research project (NRM 499), or take general education and elective classes during the summer.

NRM 180, 280, 380 and 480 are designations for a special topics class. You may take multiple classes with an NRM X80 designation because each class will cover a different topic.

No more than 3 credits of NRM 399 (readings) will be counted towards the major.

No more than 3 credits of NRM 499 (research) will be counted towards the major.

No more than 5 credits of NRM 490 (internship) and NRM 499 (research) total can be applied to the major.

BIO 417 and BIO 418 are field trip classes. You MAY be able to count these classes as core classes (NRM credit) but you MUST check with your advisor BEFORE you take the class. No more than 6 credits can be applied to the major.