

NRM WILDLIFE AND FISHERIES CURRICULUM
(For students following the 2009-2010 UNBC Calendar)

FIRST YEAR COURSES

FALL

BIOL 101-4
 CHEM 100/120-4
 NREM 100-3
 PHYS 115-4 or PHYS 100-4

15 credit hours

WINTER

BIOL 102-4
 CHEM 101/121-4
 NREM 101-3
 NRES 100-3 or ENGL 170-3
 MATH 152-3 (F or W)

17 credit hours

TOTAL 32 credit hours

SECOND YEAR COURSES

FALL

SELECT 2 OF BIOL 204-3 or GEOG 210-3
 BIOL 201-3
 FSTY 205-3
 NREM 204-3
 FSTY 207-1
 Elective-3

16 credit hours

WINTER

or BIOL 202-3 or NREM 210-4
 CHEM 220-3
 BIOL 210-3
 MATH 240 -3 (F or W)
 Elective-3

15-16 credit hours

TOTAL 31-32 credit hours

THIRD YEAR COURSES

FALL

BIOL 307-3
 BIOL 308-3
 NREM 303-3 (F) or NREM 306-3 (W)
 BIOL 301-3 or FSTY 201-3
 Elective-3

15 credit hours

WINTER

BIOL 302-3
 BIOL 315-3
 ENPL 305-3 or NREM 411-3 or ENVS 326-3
 BIOL 325-3
 GEOG 300-3

15 credit hours

TOTAL 30 credit hours

FOURTH YEAR COURSES

FALL

BIOL 402-3 or BIOL 404-3
 BIOL 406-3
 BIOL 410-3
 BIOL 412-3
 Elective-3

15 credit hours

WINTER

BIOL 411-3
 BIOL 413-3
 BIOL 414-3
 NREM 400-4 or NREM 410-3 or NREM 333-3
 Elective-3

15-16 credit hours

TOTAL 30-31 credit hours

123 required credit hours total (40 courses), which includes 15 credit hours of electives

Listing of Courses and Prerequisites for 2009-2010 NRM Wildlife and Fisheries Degree

Courses Required	Fall/Winter	Pre-requisites
BIOL 101-4 Intro Biology I	F	Biology 11 or 12
BIOL 102-4 Introductory Biology II	W	Biology 11 or 12 or 101
CHEM 100-3 Gen Chemistry	F & S	Math 12 or MATH 115 (concurrent)
CHEM 120-1 Chemistry Lab I	F	CHEM 100 (co-requisite)
CHEM 101-3 General Chemistry II	W & S	CHEM 100 & Math 12 or MATH 115
CHEM 121-1 Chemistry Lab II	W	CHEM 120, 101 (concurrently)
MATH 152-3 Calculus for Non-majors	F & W & S	Math 12 or MATH 115
NREM 100-3 Field Skills	F	NONE
NREM 101-4 Intro to Natural Resource Mgt and Conservation	W	NONE
NRES 100-3 or ENGL 170-3	W; F & W	NONE
PHYS 115-4 General Intro to Physics or PHYS 100-4 Intro to Physics	F F/W	115: NONE f or 100: Physics 12 or PHYS 115
BIOL 201-3 Ecology	F	BIOL 101 & 102
Select 2 of: BIOL 202-3, BIOL 204-3, NREM-210-4, GEOG 210-3	F/W	Consult calendar or web site for prerequisites.
BIOL 210-3 Genetics	W	BIOL 101 & 102
CHEM 220-3 Organic and Biochem	W	CHEM 101
FSTY 201-3 Plant Systems or BIOL 301-3	F	BIOL 101, 102
FSTY 205-3 Intro to Soil Science	F	CHEM 100, 101, 120, 121
FSTY 207-1 Terrestrial Ecological Classification	F	None
MATH 240-3 Basic Statistics	F & W & S	None
NREM 204-3 Intro to W & F	F	BIOL 102 & NREM 100
BIOL 302-3 Limnology	W	BIOL 201
BIOL 307-3 Ichs and Herps	F	BIOL 101 & 102
BIOL 308-3 Ornith and Mam	F	BIOL 101 & 102
BIOL 315-3 Diseases	W	BIOL 307 or 308
BIOL 325-3 Ecological Analyses	W	BIOL 201 and MATH 342
ENPL 305-3 or NREM 411-3 or ENVS 326-3	W	60 cr hrs; 90 cr hrs; none
GEOG 300-3 GIS	W	30 credit hours
NREM 303-3 or NREM 306-3	F ; W	60 cr hrs; None
BIOL 402-3 Aquatic Plants or BIOL 404-3 Plant Ecology	F odd yr; F	BIOL 204; BIOL 201 or 204
BIOL 406-3 Fish Ecology	F	BIOL 201 & 307
BIOL 410-3 Populations & Communities	F	BIOL 325
BIOL 411-3 Conservation Biology	W	BIOL 201 & 210
BIOL 412-3 Wildlife Ecology	F	BIOL 201 & 308
BIOL 413-3 Wildlife Management	W	BIOL 410 & 412
BIOL 414-3 Fish Management	W	BIOL 406
NREM 400-4 or NREM 410-3 or NREM 333-3	W	90 ch; GEOG 210-3; none
Subtotal: 108- 109 Elective requirement: minimum 15 credit hours to ensure completion of a minimum of 123 credit hours. TOTAL: 123 CREDIT HOURS		