

COLLEGE OF NATURAL RESOURCES
Bachelor of Science in Natural Resources Conservation
For students graduating in 2007
Natural Resource Recreation Option

Fall Semester					Spring Semester				
Freshman Year									
Biol	1105	Principles of Biology (CA4)	3		Biol	1106	Principles of Biology (CA4)	3	
Biol	1115	Principles of Biology Lab (CA4)	1		Biol	1116	Principles of Biology Lab (CA4)	1	
Engl	1105	Freshman English (CA1)	3		Engl	1106	Freshman English (CA1)	3	
Math	1016	Elem. Calculus w/ Trig. I ^a (CA5)	3		Geos	1004	Physical Geology	3	
NR	1114	Intro. to Renewable Nat. Res.*	2		Elective			3	
Restricted Elective ^c			3		Core Elective Area 2			3	
			15					16	
Sophomore Year									
AAEc	1005	Econ. of Food & Fiber Sys. ^b (CA3)	3		AAEc	1006	Econ. Food & Fiber Sys. ^b (CA3)	3	
For	2214	Intro. Forest Measurements*	3		For	3524	Environmental Interpretation	3	
For	2314	Forest Biology & Dendrology	2		Stat	3604	Statistics for Social Sciences (CA5)	3	
For	2554	Nature and American Values (CA2)	3		For	2324	Dendro Lab	1	
FiW	2114	Principles of Fish. & Wildlife (CA7)	3		Restricted Elective ^c			3	
Restricted Elective ^c			3		Restricted Elective ^c			3	
For. Measure. kit required; approx. cost \$200.			17					16	
Junior Year									
For	3364	Survey Forest Ecology/Mgt. (WI)*	3		For	3534	Field Experience	4	
Econ	4014	Environmental Economics OR	3		2004 Field Trip will cost approx. \$700 for both field trips.				
For	3424	Forest Resource Economics			For	3544	Recreation Management	3	
HTM	2464	Intro. to Service	3		Restricted Elective ^c			2	
Restricted Elective ^c			4		Restricted Elective ^c			3	
Restricted Elective ^c			3		Core Elective Area 6			1	
					Elective#			3	
			16					16	
Senior Year									
For	3354	Urban Forestry	3		FiW	4434	Wildlife Habitat Ecol. & Mgt.	3	
For	3564	Recreation Planning	3		For	4434	Forest Resource Policy (WI)	3	
Restricted Elective ^c			3		For	4444	Integrated Forest Mgt. Pract.	3	
Electives			8		Electives			6	
			17					15	
Total Credits for Graduation = 128									

* Must schedule lab

Students entering VT Fall 2005 or later, consult with your advisor about requirements to satisfy the Communication Initiative (CI)

^a Assumes completion of college algebra, functions, exponentials, and logarithms, matrices, sequences, and series in high school. If not, must also take Math 1015 for background.

^b Or Econ 2005, 2006, Principles of Economics. Either AAEC or Econ, not one of each. (Do not mix/match AAEC and Econ.)

^c Students must select restricted electives from the attached list. Consult your advisor. Plan ahead, recognizing that some restricted elective courses are not offered every semester.

THE FOOTNOTES AND NOTATIONS ON THE REVERSE SIDE ARE AN INTEGRAL PART OF THIS CHECKSHEET.

CA = core area; WI = writing intensive

NATURAL RESOURCE RECREATION NOTES

1. **Satisfactory Progress**

By the end of the semester in which the student has attempted 60 hours (including transfer, advanced placement, advanced standing, and credit by examination), "satisfactory progress" towards a B.S. degree in the College of Natural Resources will include the following minimum criteria:

- * Having an in-major and overall grade point average of at least 2.0
- * Passing at least 24 semester credits that apply to the university core curriculum
- * Passing the following courses, or their equivalents: Biol 1105, 1106 and 1115, 1116, and Math 1016.

Foreign Language Requirement: Students who did not successfully complete at least two (2) units of a single foreign or classical language during high school must successfully complete: a) six (6) semester hours of a single college level foreign or classical language (credits do not count towards graduation) or b) receive credit by examination for six (6) semester hours of a single foreign or classical language (credits do not count toward graduation). This must be accomplished by the end of the academic year in which the student has attempted 60 semester credit hours (including transfer, advanced placement, advanced standing, and credit by examination). For additional information refer to the Language Study Requirement section of the current undergraduate catalog.

2. A variety of on-line resources can be used to attain computer proficiency. Competencies in these skills will be expected in upper-level courses.
3. **Policy on Student Exchanges:** Studying overseas or at another U.S. university is a wonderful opportunity to enhance your education. However, planning for an exchange should begin at least 9 months prior to leaving. This will allow time to determine what substitutions, if any, will be allowed and time to arrange your schedule at Virginia Tech to ensure that all requirements for graduation are met. You must complete an Exchange Program checklist (available in 138 Cheatham Hall) and obtain the required signatures before beginning the exchange program.
4. Courses should be taken in the **sequence** shown to ensure that prerequisites are met.
5. **In-major GPA Computation**
 - * Includes all courses designated as FIW, FOR, GEOG, NR and WOOD.
6. Outdoor Recreation Field Experience includes two extended field trips to parks and recreation areas away from campus. Field trip 1 is a trip to areas in the Southeast (e.g., Georgia) over spring break. Field trip 2 is a trip to federal and state parks, and recreation areas in the Southwest (e.g., Arizona, New Mexico, and Colorado) after the end of spring semester.
7. An in-major and overall GPA of 2.0 is required for graduation.

Natural Resource Recreation

Restricted Electives (substitutions possible with approval)

Social Science Restricted electives (select 6 credits from the following)

PSCI 1014	Introduction to Govt/politics	3
SOC 1004	Introduction to Sociology	3
PSYC 2004	Introduction to Psychology	3
GEOG 1004	Introduction to Human Geography	3

Tourism Restricted Elective (select 3 credits from the following)

AAEC 4304	Environment and Sustainable Development	3
HTM 3454	Tourism Analysis	3

Environmental Science Restricted Elective (select 3 credits from the following)

ENT 3014	Insect Biology	3
CSES 3134	Soils in the Landscape	3
CSES 3114	Soils (take Chem 1036, 1046, not Geology)	4
CSES 3604	Fundamentals of Environmental Science	3
ENSC 3604	Fundamentals of Environmental Science (more technical)	3
FOR 4374	Forested Wetlands (requires CSES 3114 or CSES 3134)	3

Planning Restricted Electives (select 5 credits from the following)

UAP 3014	Urban Policy and Planning (WI)	3
UAP 3354	Introduction to Environmental Policy and Planning	3
LAR 3044	Land Analysis and Site Planning	3
UAP 4184	Community Involvement and Public Participation	3
AAEC 3304	Rural and Regional Development	3
AAEC 3314	Environmental Law	3
UAP 4754	Legal Foundations of Planning	3
FOR 4544	Seminar in Outdoor Recreation	2
FOR 4454	Urban Forest Management and Policy	3

Business Restricted Elective (select 3 credits from the following)

MGT 3304	Management Theory and Leadership Practice	3
MKTG3104	Marketing Management	3
AAEc 3454	Small Business Management and Entrepreneurship	3

Data Processing Elective (select 3 credits from the following)

FOR 4214	Forest Photogrammetry	3
FOR 4114	Information Technology for Natural Resource Management	3
GEOG 4084	Introduction to GIS	3

Science Restricted Elective (select any four credits in Core Area 4 other than those already on checksheet). 4