

COLLEGE OF NATURAL RESOURCES
 Bachelor of Science in Forestry
 for students graduating in 2008
 Forest Resource Management 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 | |
| Chem | 1035 | General Chemistry | 3 | | Engl | 1106 | Freshman English (CA1) | 3 | |
| Chem | 1045 | General Chemistry Lab | 1 | | Math | 2015 | Elem. Calculus w/ Trig. II (CA5) | 3 | |
| Engl | 1105 | Freshman English (CA1) | 3 | | | | Physical Science Restricted Elective ^b | 3 | |
| NR | 1114 | Introduction to Renewable Nat. Res.* | 2 | | | | Core elective Area 2: | 3 | |
| Math | 1016 | Elem. Calculus w/ Trig. I ^a (CA5) | 3 | | | | | | |
| | | | 16 | | | | | 16 | |
| Sophomore Year | | | | | | | | | |
| Econ | 2005 | Principles of Economics ^c (CA3) | 3 | | Econ | 2006 | Principles of Economics ^c (CA3) | 3 | |
| For | 2214 | Intro. Forest Measurements* | 3 | | ACIS | 2004 | Survey of Accounting ^d | 3 | |
| For | 2314 | Forest Biol. and Dendrology | 2 | | Comm | 2004 | Public Speaking | 3 | |
| For | 2324 | Dendrology Lab (Fall or Spring) | 1 | | CSES | 3134 | Soils in the Landscape | 3 | |
| | | | 3 | | | | Elective: | 3 | |
| | | | 4 | | | | Core elective Area 6: | 1 | |
| For. Measure. kit required; approx. cost \$200. | | | 16 | | | | | 16 | |
| Junior Year | | | | | | | | | |
| FiW | 2114 | Prin. of Fish. & Wildl. Mgt. (CA7) | 3 | | For | 3216 | Forest Measurements | 3 | |
| For | 3215 | Forest Measurements | 3 | | For | 3324 | Silvic. Princ. and Applic. | 4 | |
| For | 3314 | Forest Ecology and Silvics (WI)* | 3 | | For | 3544 | Outdoor Recreation Management | 3 | |
| For | 3424 | Forest Resource Economics | 3 | | For | 3734 | Timber Procurement | 2 | |
| For | 3714 | Forest Harvesting | 3 | | 2004 Spring Camp will cost approximately \$550-600. | | | | |
| | | | 3 | | For | 3224 | Forest Measurement Field Lab | 1 | |
| | | | | | For | 3334 | Silviculture Field Lab | 1 | |
| | | | | | For | 3434 | Forest Management Field Lab | 1 | |
| | | | | | For | 3344 | Forestry Field Studies ^{pass/fail only} | 1 | |
| | | | 18 | | | | | 16 | |
| Senior Year | | | | | | | | | |
| For | 4214 | Forest Photo./Data Proc.* | 3 | | For | 4434 | Forest Resource Policy (WI) | 3 | |
| For | 4424 | Forest Resource Management* | 3 | | For | 4444 | Integrated Forest Mgt. Practicum | 3 | |
| For | 4514 | Forest Protection | 3 | | | | Elective: | 3 | |
| Wood | 3114 | Wood Structures and Properties* | 3 | | | | Elective: | 3 | |
| | | | 3 | | | | Elective: | 3 | |
| | | | 15 | | | | | 15 | |
| Total Credits for Graduation = 128 | | | | | | | | | |

* Must schedule lab

^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. Must take Math 1016 before taking Math 2015.

^b Select one of the following: CHEM 1036 General Chemistry, PHYS 1055 Intro to Astronomy, PHYS 2205 General Physics, GEOS 1004 Physical Geology or GEOS 1014 Earth Through Life and Time.

^c Or AAEC 1005, 1006 Economics of the Food and Fiber System

^d Or ACIS 2115 Principles of Accounting

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

FOREST RESOURCE MANAGEMENT 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; Chem 1035, 1036; and Math 2015

Foreign Language Requirement: A sequence of two (2) foreign language courses is required for graduation unless two (2) high school credits of the same foreign language or six (6) transfer credit hours of foreign language have been earned. These credits do not count toward graduation. See catalog section on "Graduation Requirements."

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. An in-major and overall GPA of 2.0 is required for graduation.

7. Forestry majors entering Virginia Tech prior to Fall 2005 are required to take Forest Ecology and Silvics (FOR 3314) and one additional WI of their choice to complete the writing intensive requirement. Students will also gain extensive experience in writing, speaking and use of visual media throughout the curriculum including: Introduction to Forest Measurements (FOR 2214), Silviculture: Principles and Applications (FOR 3324), Forest Harvesting (FOR 3714), and Integrated Forest Management Practicum (FOR 4444). These and other classes will fulfill the ViEWS communications intensive requirement for students entering Virginia Tech in Fall 2005 or later.