

COLLEGE OF NATURAL RESOURCES AND ENVIRONMENT

Department of Forest Resources and Environmental Conservation
Bachelor of Science in Forest Resources and Environmental Conservation

Major: Forestry

Option: Forest Operations and Business

For Students Graduating in Calendar Year 2016

APPROVED
UNIVERSITY REGISTRAR



11-21-2014

Name: _____

Student ID: _____

Advisor: _____

Expected graduation date: _____

Minimum credit hours required for graduation is 120.

Major Core Degree Requirements (21 credits)

Forest Science (9 credits)

- ___ FOR 2214 Introduction to Land and Field Measurements (3 credits)
- ___ FOR 2314 Forest Biology and Dendrology (2 credits)
- ___ FOR 2324 Dendrology Lab (1 credit)
- ___ FOR 3314 Forest Ecology & Silvics (3 credits)

Environmental Economics (3 credits)

- ___ FOR 4424 Forest Economics & Management (3 credits)

Policy (3 credits)

- ___ FOR 4434 Forest Resource Policy (3 credits)

Oral Communication (3 credits – choose one)

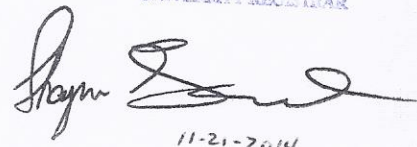
- ___ COMM 2004 Public Speaking
- ___ AEE 3634 Communicating Agriculture and Life Sciences through Speaking (3 credits)

Geospatial Analysis (3 credits)

- ___ FOR 4214 Forest Photogrammetry & Spatial Data Processing (3 credits)

Option Requirements (43 credits)

- ___ ACIS 2115 Principles of Accounting (3 credits)
- ___ CSES 3134 Soils in the Landscape (3 credits) OR FOR 4354 Forest Soils and Hydrology (3 credits)
- ___ ENGL 3764 Technical Writing or ENGL 3104 Prof. Writing (3 credits)
- ___ FIN 3055 Legal Environment of Business (3 credits)
- ___ FOR 2414 Field Experiences in Forest Resources (2 credits)
- ___ FOR 2514 Wildland Fire: Ecology and Management (3 credits)
- ___ FOR 3214 Forest Biometrics (3 credits)
- ___ FOR 3224 Forest Biometrics Lab (1 credit)
- ___ FOR 3324 Silvicultural Principles and Applications (4 credits)
- ___ FOR 3344 Forest Field Studies (1 credit)
- ___ FOR 3714 Forest Harvesting (3 credits)
- ___ FOR 3724 Forest Boundaries and Roads (3 credits)
- ___ FOR 3734 Timber Procurement (2 credits)
- ___ FOR 4444 Integrated Forest Management Practicum (3 credits)
- ___ FOR 4714 Harvest Systems Evaluation (3 credits)
- ___ SBIO 2614 Introduction to Forest Products and Marketing (3 credits)


11-21-2014

Restricted Electives (15 credits from the following courses, substitutions possible with approval)

- ___ AAEC 4424 Agricultural Financial Management (3 credits)
- ___ AAEC 3454 Small Business Management and Entrepreneurship (3 credits – junior standing required)
- ___ AAEC 2104 Personal Financial Planning (3 credits)
- ___ FIN 3104 Introduction to Finance (3 credits)
- ___ AAEC 3504 Marketing Agricultural Product (pre-req.: AAEC 1005) (3 credits)
- ___ AAEC 4764 Real Estate Appraisal (3 credits – junior standing required)
- ___ AAEC 3314 Environmental Law (3 credits)
- ___ AAEC 4754 Real Estate Law (Junior Standing) (3 credits)
- ___ ACIS 1504 Introduction to Business Information Systems (3 credits)
- ___ ACIS 2116 Principles of Accounting (3 credits)
- ___ COMM 3124 Interpersonal Communication (3 credits – junior standing required)
- ___ COMM 3064 Persuasion (pre-req.: COMM 1016 or ENGL 1106) (3 credits)
- ___ COMM 1014 Introduction to Communication Studies (3 credits)
- ___ COMM 2044 Principles of Public Relations (pre-req.: COMM 1014) (3 credits)
- ___ SOC 2024 Minority Group Relations (3 credits)
- ___ SOC 3614 Gender and Work in the U.S. (pre-req.: SOC 1004) (3 credits)
- ___ UAP 4374 Land Use and Environment (3 credits – junior standing required)

CLE Requirements (36 credit credits)

Area 1: Writing and Discourse (6 credits required)

- ___ ENGL 1105 Freshman English (3 credits)
- ___ ENGL 1106 Freshman English (3 credits)

Area 2: Ideas, Cultural Traditions, and Values (6 credits required)

- ___ CLE Area 2 course: _____ (3 credits)
- ___ CLE Area 2 course: _____ (3 credits)

Area 3: Society and Human Behavior (6 credits required)



- ___ AAEC 1005 Economics of the Food & Fiber System or ECON 2005 Principles of Economics (3 credits)
- ___ AAEC 1006 Economics of the Food & Fiber System or ECON 2006 Principles of Economics (3 credits)

Area 4: Scientific Reasoning and Discovery (8 credits required)

- ___ BIOL 1105 Principles of Biology (3 credits)
- ___ BIOL 1115 Principles of Biology Lab (1 credit)
- ___ BIOL 1106 Principles of Biology (3 credits)
- ___ BIOL 1116 Principles of Biology Lab (1 credit)

Area 5: Quantitative and Symbolic Reasoning (6 credits required)

- ___ MATH 1016 Elementary Calculus with Trigonometry I (3 credits)
- ___ MATH 2015 Elementary Calculus with Trigonometry II (3 credits)

 
11-21-2014

Area 6: Creativity and Aesthetic Experience (1 credit required)

____ CLE Area 6 course: _____ (1 credit)

Area 7: Critical Issues in a Global Context (3 credits required)

____ CLE Area 7 course: _____ (3 credits)

Free Electives (5 credits)

FOREST OPERATIONS AND BUSINESS 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 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 Curriculum for Liberal Education (CLE)
 - Passing the following courses, or their equivalents: BIOL 1105, 1106 and 1115, 1116; and MATH 2015
2. **Foreign Language Requirement:** A sequence of two (2) foreign language courses is required for graduation unless two (2) high school units 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."
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.
4. **In Major GPA Computation:** Includes all courses designated as FIW, FOR, GEOG, NR and SBIO.
5. An in-major and overall GPA of 2.0 is required for graduation.