

# FORESTRY PROFESSIONAL ELECTIVES

The nine hours of professional electives are designed to give forestry students supplemental coursework to support their career interests. We encourage students to use these professional electives to enhance their knowledge base and build their resume.

Depending on a student's career interest they may take a series of courses in wildlife to help qualify them for the Associate Wildlife Biologist Certification by The Wildlife Society. Students interested in consulting forestry, timber investment management organizations, or forest industry may take courses in business, management, or economics. Students interested in extension or environmental education may take courses in education, leadership, communication, or agriculture. For students planning to attend graduate school, upper-level science courses or statistics may be used. Communication, GIS, policy, and agricultural economics are examples of other areas students

may choose as professional electives. We also encourage students to enroll in study abroad, research, or internship experiences to meet their professional elective requirements.

Students need to visit with their advisors early (freshman or sophomore year) to outline a plan for meeting the professional elective requirement. Be aware that some courses may have prerequisites. In general, the professional electives should be a 300-level or above course.

Below is a list of suggested courses that qualify as professional electives. If a student wants to take a course not on this list, the student must receive approval from the Department of Forestry Undergraduate Programs Committee (UPC). A student must provide a brief, written justification to their advisor for why they should receive approval to take the particular course. The advisor will then share this information with the UPC for final approval.

The professional electives listed below will be updated with additional courses as they are approved by the Department of Forestry Undergraduate Programs Committee.

## Business/Management/Economics

ACC 201 Financial Accounting I (3)  
ACC 202 Managerial Uses Of Accounting Information (3)  
ACC 300 Financial Accounting II (3)  
ACC 301 Intermediate Accounting I (3)  
ACC 302 Intermediate Accounting II (3)  
ACC 324 Accounting Information Systems (3)  
AEC 201 Introduction To Farm And Natural Resource Finance (3)  
AEC 302 Agricultural Management Principles (4)  
AEC 303 Microeconomic Concepts In Agricultural Economics (3)  
AEC 304 Macroeconomic Concepts In Agricultural Economics (3)  
AEC 305 Food And Agricultural Marketing Principles (3)  
AEC 306 Technical Communication In Economics (2)  
AEC 309 International Agriculture, World Food Needs  
And U.S. Trade In Agricultural Products (3)  
AEC 326 Principles Of Environmental Law (3)  
AEC 340 Human Resource Management In Agriculture (3)  
AEC 445G Intro. To Resource And Environmental Economics (3)  
B&E 201 Introduction To Business (3)  
ECO 201 Principles Of Economics I (3)  
ECO 202 Principles Of Economics II (3)  
FIN 360 Principles Of Real Estate (3)  
MGT 292 Introduction To Entrepreneurship (3)  
MGT 301 Business Management (3)  
MGT 450 Negotiations And Conflict Resolution (3)  
MKT 300 Marketing Management (3)  
NRE 545 Resource And Environmental Economics (3)

## Communication/Leadership

CIS 300 Strategic Business And Professional Communication (W) (3)  
CLD 360 Environmental Sociology (3)  
CLD 400 Agricultural Communications Campaigns (3)  
CLD 401 Principles Of Cooperative Extension (3)  
CLD 402 Principles Of Leadership (3)  
CLD 403 Leadership And Communication (3)  
CLD 404 Contemporary Leadership Applications (3)  
NRE 381 Natural Resource And Environmental Policy Analysis (3)  
WRD 425 Environmental Writing (3)

## Experiential Education

FOR 399 Field-Based Education In Forestry (1-3)  
Pre-Approved Study Abroad Courses

## GIS/Remote Sensing/Land Use

GEO 409 Advanced GIS (3)  
GEO 419 Introduction To Remote Sensing (3)  
GEO 506 Introduction To Computer Cartography (3)  
LA 308 Regional Land Use Planning Systems (3)  
LA 457 Contemporary Regional Land Use Planning Applications (3)  
LA/NRE 355 Intro. Geospatial Applications For Land Analysis (3)  
LA/NRE 556 Contemporary Geospatial App. For Land Analysis (3)

## Plant Sciences

BIO 351 Plant Kingdom (3)  
BIO 361 Ecology Of The Kentucky Flora And Vegetation (3)  
BIO/NRE 420G Taxonomy Of Vascular Plants (4)  
FOR 325 Economic Botany: Plants And Human Affairs (3)  
PLS 220 Introduction To Plant Identification (3)  
PLS 320 Woody Horticultural Plants (4)  
PLS 451 Landscape Management And Arboriculture (3)

## Sciences

ABT 360 Genetics (3)  
ABT 361 Genetics Lab Online (1)  
ABT 460 Introduction To Molecular Genetics (3)  
ABT/BIO/ENT/FOR 461 Introduction To Population Genetics (3)  
BIO 300 General Entomology (3)  
NRE/PLS 455G Wetland Delineation (3)  
NRE/PLS 456G Constructed Wetlands (3)

## Wildlife Sciences

FOR 510 Herpetology (4)  
FOR 520 Mammals Of The Eastern United States (4)  
FOR 530 Freshwater Ecology (3)  
FOR 540 Urban Ecology (3)  
FOR 550 U.S. Biodiversity Hotspots (3)  
FOR/GEO 570 Landscape Ecology for Natural Resources (3)