

SECTION III: DEPARTMENT OF FORESTRY

2018-2019 Forestry Major
Environmental Conservation Concentration (FO/ENCO)
Total Hours = 127

Freshman Year

Fall Semester	Spring Semester
BIO 1134 Biological Sciences I	AEC 2713 Intro to Food and Res. Economics
CH 1043 Survey of Chemistry I	BIO 1144 Biological Sciences II
Humanities Elective (3)	EN 1113 English Composition II (EN1103)
EN 1103 English Comp I (ACT English subscore 17)	MA 1313 College Algebra (ACT math subscore 19)
FO 1101 Forest Resource Survey	CO 1003 Fund. of Public Speaking

Sophomore Year

Fall Semester	Spring Semester
FO 2113 Dendrology (BIO 1144 or 2113)	FO 3103 Computer Appl. For. Resources
FO 3113 Forest Recreation Mgt.	FO 2213 Forest Measurements (ST 2113)
PSS 3303 Soils (CH 1043)	PH 1113 General Physics I (MA 1323 or ACT math subscore 26)
ST 2113 Intro. to Statistics (C in MA 1313 or ACT math subscore 24)	Humanities Elective (3)
Emphasis Elective (3)	

Summer Field Program

- FO 3012 Intro to Forest Communities** (PSS 3303, FO 2113)
- FO 3015 Forest Description and Analysis** (FO 2213, ST 2113)
- FO 4231 Introduction to Wood Supply Systems** (co-req FO 3015)
- WFA 3031 Introduction to Wildlife and Fisheries Practices** (JR)

Junior Year

Fall Semester	Spring Semester
WFA 3133 App Aqua.& Terr. Eco. (BIO 1134, 1144)	AELC 3203 Prof. Writing in Ag, NR & Human Sci (JR) (EN 1103, 1113)
EPP 3124 Forest Pest Management	FO 4113 Forest Res. Econ. (AEC 2713)
FO 4123 Forest Ecology (FO 3012)	FO 4213 Forest Biometrics (ST 2113 or equivalent)
FO 4233 For. Op. and Harv. (FO 3015, FO 4231)	FO 4223/4221 Practice of Silviculture (FO 4123) + Lab
Fine Arts Elective (3)	Emphasis Elective (3)

Senior Year

Fall Semester	Spring Semester
FO 4313 Spatial Tech. in Nat. Res. (FO 3015)	FO 4413 Natural Res. Policy (SR)
FO 4323 For. Res. Mgt. (FO 4113, FO 4213, FO 4223, FO 4233)	FO 4423 Prof. Practice (FO 4323)
WFA 4153 Prin. Wildlife Cons. and Mgt. (SO)(WFA 3133 or FO 4123)	FO 4453 Remote Sensing Appl.
Emphasis Elective (3)	FO 4463 Forest Hydro & Watershed Mgt. (PSS 3303, FO 4123)
Emphasis Elective (3)	Emphasis Elective (2)

*Major courses are bolded. Grades of C or better are required in these courses.

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2018-2019 Approved Elective List Forestry - Environmental Conservation Concentration

Emphasis Electives: Choose 14 hours from among the three emphasis areas below (consult your advisor):

Land Emphasis

ABE 2873	Land Surveying (MA 1323)
FO 3203	Forest Fire
FO 4472/4471	GIS Nat. Res. Mgt. and Lab (JR)
FO 4573	Ecology of Managed Forests
FO 4483	Forest Soils (PSS 3303, FO 3012, FO 4123) (SP Odd)
GG 1113	Survey of Earth Sciences I
GG 1111	Earth Sciences I Lab
GG 3133	Intro. Environmental Geology (GG 1113)
GR 1114	Physical Geography
GR 3113	Conservation of Natural Resources
GR 4603	Climatology (GR 1114 or GR 1123)
PSS 4333	Soil Cons. and Use (PSS 3303)

Social Emphasis

FO 4343	Forest Admin. and Organization
FO 4353	Natural Resource Law (JR)
FO 4683	Intro to Urban and Community Forests
PHI 1123	Intro. to Ethics
PHI 3313	Environmental Economics
PHI 4143	Philosophy of Science
SO 4703	Population Prob. (SO 1003)
SO 4173	Environment and Society

Science Emphasis

BIO 4203	Tax. of Spermatophyte (BIO 2113, BIO 2213)
BIO 4213	Plant Ecology
ENS 2103	Intro Environ Science
FO 3213	Tree Physiology (BIO 1134, BIO 1144)
NREC 3213	Environmental Measurements
NREC 4423	Environmental Assessments (NREC SR)
WFA 4223	Limnology (WFA 3133)
WFA 4383	Wetlands Ecology & Mgt (JR, WFA 3133) (FL Even)

Fine Arts (3 hours)

ARC 1013	Architectural Appreciation
ART 1013	Art History I
ART 1023	Art History II
ART 1113	Art Appreciation
CO 1503	Intro. to Theater
LA 1803	Landscape Architecture Appr.
MU 1103/AAS 1103	African American Music
MU 1113	History and Appr. of Music
PE 1323	History and Appr. of Dance
PSS 2343	Floral Design
TKI 2413	Hist. and Appr. of the Arts

Humanities (6 hours)

ARC 2313/3313	History of Architecture
EN 2203	Intro. to Literature (EN 1103, EN1113)
EN 2213/2223	English Literature (EN 1103, EN1113)
EN 2243/2253	American Literature I (EN 1103, EN1113)
EN 2273/2283	World Literature I (EN 1103, EN1113)
FL 1113/1123	Elem. Foreign Language ¹
HI 1063/1073	Early or Modern US History
HI 1163/1173	World History I or II
HI 1213/1223	Early or Modern Western World
HI 1313/1323	East Asian Civilizations I or II
PHI 1103	Intro. to Philosophy
PHI 1123	Intro. to Ethics
REL 1103	Intro. to Religion
REL 3213	World Religions I
REL 3223	World Religions II

¹ French, German, Greek, Japanese, Latin, Russian and Spanish

Courses for a GIS minor, may be used as emphasis electives
GR 4203 Prin of GIS

Approved Substitutions List for Environmental Conservation Concentration	
Required Courses	Approved Substitutions
AEC 2713 Intro to Food & Resource Economics	EC 2113 Macroeconomics (SO) or EC 2123 Microeconomics (SO)(EC 2113)
AELC 3203 Prof Writing Ag, NR, Human Sci.	EN 3313 Writ. for the Workplace (EN 1113) or MGT 3213 Organ. Comm. (JR)(EN 1113)
FO 4452/4451 Remote Sensing and Lab	FO 4472/4471 GIS for Natural Resource Management (JR)
PH 1113 General Physics	CH 1053 Survey of Chem II (CH 1043), GR 1114 Physical Geography, or PH 2213 Physics I (MA 1713), CH 1223 (CH 1213)
ST 2113 Intro to Statistics	MA 2113 Intro to Statistics, MA 3123 or ST 3123 Statistics Inference (all require C in MA 1313 or ACT math subscore 24)
CH 1043 Survey of Chemistry I	Any higher level chemistry course.
FO 4463 Forest Hydro & Water Management	FO 4483 Forest Soils (PSS 3303, FO 3012, FO 4123)