

## SECTION III: DEPARTMENT OF FORESTRY

<b>2020–2021 FORESTRY MAJOR</b> <b>Wildlife Management Concentration (Sample Schedule)</b> Total Hours = 126			
FRESHMAN YEAR			
Fall Semester		Spring Semester	
BIO 1134	Biology I	AEC 2713	Intro to Food and Res. Economics
CH 1043	Survey of Chemistry I	BIO 1144	Biology II
EN 1103	English Comp. I (ACT English subscore 17)	EN 1113	English Comp. II (EN 1103)
<b>FO 1101</b>	<b>Forest Resources Survey</b>		Physical Science Elective (3)
MA 1313	College Algebra (ACT math subscore 19)	CO 1003	Fund. of Public Speaking
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
<b>FO 2113</b>	<b>Dendrology (BIO 1144 or 2113)</b>	FO 3213	Tree Physiology (BIO 1134, BIO 1144)
PSS 3303	Soils (CH 1043)	<b>FO 3103</b>	<b>Computer Appl. For. Resources and Lab</b>
ST 2113	Intro. to Statistics (C in MA 1313 or ACT math subscore 24)	<b>FO 2213</b>	<b>Forest Measurements (ST 2113)</b>
			Fine Arts Elective (3)
WFA 3133	Appl. Aqua. & Terr. Ecol. (BIO 1134, BIO 1144)		Humanities Elective (3)
Summer Field Program			
	<b>FO 3012</b>	<b>Intro to Forest Communities (PSS 3303, FO 2113)</b>	
	<b>FO 3015</b>	<b>Forest Description and Analysis (FO 2213, ST 2113)</b>	
	<b>FO 4231</b>	<b>Introduction to Wood Supply Systems (co-req FO 3015)</b>	
	<b>WFA 3031</b>	<b>Introduction to Wildlife and Fisheries Practices (JR)</b>	
JUNIOR YEAR			
Fall Semester		Spring Semester	
AELC 3203	Prof. Writing for Ag, NR & Human Sci. (JR)(EN 1103, EN 1113)	BIO 3524	Biology of Vertebrates
		<b>FO 4113</b>	<b>Forest Resource Economics (AEC 2713)</b>
EPP 3124	Forest Pest Management	<b>FO 4213</b>	<b>Forest Biometrics (ST 2113 or equivalent)</b>
<b>FO 4123</b>	<b>Forest Ecology (FO 3012)</b>	<b>FO</b>	<b>Practice of Silviculture + Lab (FO 4123)</b>
<b>FO 4233</b>	<b>For. Op. and Harv. (FO 3015, FO 4231)</b>	<b>4223/4221</b>	
	Professional Elective (3)*		
SENIOR YEAR			
Fall Semester		Spring Semester	
WFA 4433	Mammalogy (BIO 1134 BIO 1144, and WFA 3133)	WFA 4443	Ornithology (BIO 1134, BIO 1144, and WFA 3133)
<b>FO 4313</b>	<b>Spatial Tech. in Nat. Res. (FO 3015)</b>	FO 4353	Natural Resource Law (JR)
<b>FO 4323</b>	<b>For. Res. Mgt. (FO 4113, FO 4213, FO 4223, FO 4233)</b>	<b>FO 4413</b>	<b>Natural Res. Policy (SR)</b>
		<b>FO 4423</b>	<b>Prof. Practice (FO 4323)</b>
<b>WFA 4153</b>	<b>Prin. Wildlife Cons. and Mgt. (SO)(WFA 3133 or FO 4123)</b>	WFA 4243	Wildlife Techniques (JR)
	Humanities Elective (3)		

\*Forestry major required courses requiring a C or better or bolded.

\*See note on approved elective list regarding professional elective.

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<b>WFMG</b>		<b>2020-APPROVED ELECTIVE LIST</b> Wildlife Management Concentration	
<b>PROFESSIONAL ELECTIVES (3 HOURS)</b>		<b>PROFESSIONAL ELECTIVES (3 HOURS)</b>	
Students seeking certification through The Wildlife Society (TWS) must take one of the courses below to meet certification requirements and graduation requirements.		Students not seeking TWS certification may choose from the list below to satisfy the Professional Elective. Students must file a Certification Waiver Form.	
ADS 4114	Animal Nutrition (CH 2503 and CH 2501 or CH 4513 and CH 4511)	ABE 2873	Land Surveying (MA 1323)
BIO 3103	Genetics I (MA 1313 or higher, BIO 1134 or higher or BIO 2113 or higher)	BIO 4213	Plant Ecology
BIO 3304	General Microbiology (CH 1053 or CH 1223)	CFR 1011	Amb Leadership Dev (up to 3 hours)
BIO 3504	Comparative Anatomy (BIO 1134 and BIO 1144)	FO	ANY FO COURSE 3000 or higher
BIO 4404	Environmental Micro (BIO 3304)	FO 4453	Remote Sensing App
BIO 4413	Immunology (BIO 3304 and CH 4513)	GR 2313	Maps Remote
BIO 4514	Animal Physiology (110 hours of biological science and organic chemistry)	MGT 3513	Intro. Human Res. Mgt
EPP 4154	General Entomology	NREC	ANY NREC COURSE 3000 or higher
EPP 4244	Aquatic Entomology (EPP 4154 or instructors approval)	SBP	ANY SBP COURSE 3000 OR HIGHER
PO 4844	Avian Anatomy and Physiology	ST 4213	Nonparametric Methods (ST 2113)
WFA 4173	Fish Physiology (BIO 1134 and BIO 1144 or consent of instructor)	WFA	Any WFA or higher course
WFA 4263	Wildlife Diseases (BIO 1134 and BIO 1144, or consent of instructor)	CFR courses not otherwise specified on our curricula may be applied through the substitution process.	
WFA 4323	Wildlife Nut. & Phys. (BIO 1134 and BIO 1144, or consent of instructor)	<b>HUMANITIES ELECTIVES (6 HOURS)</b>	
WFA 4423	Herpetology (BIO 1134 and BIO 1144 and WFA 3133, or consent of instructor)	ARC 2313/3313	History of Architecture
<b>FINE ARTS ELECTIVES (3 HOURS)</b>		EN 2203	Intro. to Literature (EN 1103, EN 1113)
ARC 1013	Architectural Appreciation	EN 2213/2223	English Literature (EN 1103, EN 1113)
ART 1013	Art History I	EN 2243/2253	American Literature I (EN 1103, EN 1113)
ART 1023	Art History II	EN 2273/2283	World Literature I (EN 1103, EN 1113)
CO 1503	Intro. to Theater	FL 1113/1123	Elem. Foreign Language <sup>1</sup>
LA 1803	Landscape Architecture Appr.	HI 1063/1073	Early or Modern US History
MU 1103/ AAS 1103	African American Music	HI 1163/1173	World History I or II
MU 1113	History and Appr. of Music	HI 1213/1223	Early or Modern Western World
PE 1323	History and Appr. of Dance	HI 1313/1323	East Asian Civilizations I or II
PSS 2343	Floral Design	PHI 1103	Intro. to Philosophy
TKI 2413	History and Appr. of the Artcrafts	PHI 1123	Intro. to Ethics
<b>PHYSICAL SCIENCE ELECTIVE (3 HOURS)</b>		REL 1103	Intro. to Religion
CH 1053	Survey of Chemistry II (CH 1043)	REL 3213	World Religions I
GR 1114	Physical Geography	REL 3223	World Religions II
PH 1113	General Physics I (MA 1323 or ACT math subscore 26)	<sup>1</sup> French, German, Greek, Japanese, Latin, Russian and Spanish	

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WFMG

### APPROVED SUBSTITUTIONS LIST FOR WILDLIFE MANAGEMENT CONCENTRATION

Required Courses	Approved Substitutions
AEC 2713 Int to Food & Res Eco	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), MGT 3213 Organ. Comm. (JR)(EN 1113), EDF 3413 Writing for Thinking (EN 1103, EN 1113)(JR)
BIO 3524 Biology of Vertebrates	ADS 4114 Animal Nutrition (CH 2503 and CH 2501 or CH 4513 and CH 4511), BIO 3103 Genetics I (MA 1313 or higher, BIO 1134 or higher or BIO 2113 or higher) BIO 3304 Gen Microbiology (CH 1053 or CH 1223 ) BIO 3504 Comparative Anatomy (BIO 1134 and BIO 1144) BIO 4404 Environmental Micro (BIO 3304) BIO 4413 Immunology (BIO 3304 and CH 4513) BIO 4514 Animal Physiology (10 hours of biological science and organic chemistry) EPP 4154 General Entomology EPP 4244 Aquatic Entomology (EPP 4154 or instructors approval) PO 4844 Avian Anatomy and Physiology WFA 4173 Fish Physiology (BIO 1134 and BIO 1144 or consent of instructor) WFA 4263 Wildlife Diseases (BIO 1134 and BIO 1144, or consent of instructor) WFA 4323 Wildlife Nut & Phy (BIO1134 and BIO 1144, or consent of instructor) WFA 4423 Herpetology (BIO 1134 and BIO 1144 and WFA 3133, or consent of instructor)
CH 1043 Survey of Chemistry I	Any higher level chemistry course.
CO 1003 Fundamentals of Pubic Speaking	CO 1013 Introduction to Communication
FO 3213 Tree Physiology	BIO 4214 General Plant Physiology (BIO 2113, CH1213), WFA 4223 Wildlife Plant ID (BIO 1134, BIO 1144, WPA 3133), or BIO 4203 Tax of Spermatophytes (BIO 2113, BIO 2213)
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)