

SECTION III: DEPARTMENT OF FORESTRY

WFMG		2023–2024 FORESTRY MAJOR	
		Wildlife Management Concentration (Sample Schedule)	
		Total Hours = 128	
<i>effective Fall 2023</i>			
FRESHMAN YEAR			
Fall Semester		Spring Semester	
BIO 1134	Biology I	BIO 1144	Biology II
CH 1043	Survey of Chemistry I		Communication Elective (3)
EN 1103	English Comp. I (ACT English subscore 17)	EN 1113	English Comp. II (EN 1103)
FO 1101	Forest Resources Survey	PSS 3303	Soils (CH 1043)
	Humanities Elective (3)	GR 1113	Physical Geography
SOPHOMORE YEAR			
Fall Semester		Spring Semester	
AEC 2713	Intro to Food and Res Economics	FO 2213	Forest Measurements (ST 2113)
FO 2113	Dendrology (BIO 1144 or 2113)	FO 3103	Computer Appl. For. Resources and Lab
ST 2113	Intro. to Statistics (C in MA 1313, MA 1213 or ACT math subscore 24)	FO 3213	Tree Physiology (BIO 1134, BIO 1144)
	Humanities Elective (3)	WFA 4243	Wildlife Techniques (SO)
	Fine Arts Elective (3)		Free 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	
FO 4123	Forest Ecology	FO 4113	Forest Resource Economics (AEC 2713)
FO 4233	For. Op. and Harv. (FO 3015, FO 4231)	FO 4213	Forest Biometrics (ST 2113, FO 2213, or NREC 3213)
FO 4313	Spatial Tech. in Nat. Res. (FO 3015)	FO 4223	Practice of Silviculture (FO 4123)
EPP 3124	Forest Pest Management	FO 4221	Practice of Silviculture Lab (FO 4123)
	Wildlife Biology Elective (3)		Wildlife Policy Elective (3)
			Technical Writing Elective (3)
SENIOR YEAR			
Fall Semester		Spring Semester	
FO 4323	For. Res. Mgt. (FO 4113, FO 4213, FO 4223, FO 4233)	FO 4413	Natural Res. Policy (SR)
		FO 4423	Prof. Practice (FO 4323)
WFA 4153	Prin. Wildlife Cons. and Mgt. (SO)(WFA 3133 or FO 4123)		Wildlife Zoology Elective (3)
	Wildlife Management Elective (3)		Professional Elective (3)
	Professional Elective (3)		
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Forestry major required courses requiring a C or better or bolded.

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2023–2024 APPROVED ELECTIVE LIST Wildlife Management Concentration			
HUMANITIES ELECTIVES (MUST SATISFY MSU GENERAL EDUCATION) (6 HOURS)		FINE ARTS ELECTIVES (MUST SATISFY MSU GENERAL EDUCATION) (3 HOURS)	
AAS 1063	Introduction to African American Studies	ARC 1013	Architectural Appreciation
AAS 2363	Introduction to African American Literature	ART 1013/1023	Art History I or II
AAS 3013/3023	African American History	ART 1113	Art Appreciation
ARC 2313/3313	History of Architecture I or II	ART 2063	Global Contemporary Art
EN 2203	Intro. to Literature (EN 1103, EN 1113)	ART 2413	Hist. and Appr. of the Arts
EN 2213/2223	English Literature I or II (EN 1103, EN 1113)	CO 1503	Intro. to Theater
EN 2243/2253	American Literature I or II (EN 1103, EN 1113)	ID 3643	History of Interiors I
EN 2273/2283	World Literature I or II (EN 1103, EN 1113)	LA 1803	Landscape Architecture Appr.
FL 1113/1123	Language I or II	MU 1113	History and Appr. of Music
HI 1003	History of Science in Six Ideas	MU 1123	History and Appr. of American Music
HI 1013	History of Technology in Six Objects	MU 1133	The History of Rock and Roll
HI 1063/1073	Early or Modern US History	MU 1143	The History of Jazz
HI 1163/1173	World History I or II	MU 1163	Introduction to Music in Film
HI 1213/1223	Early or Modern Western World	MU 1173	Music of the Beatles
HI 1313/1323	East Asian Civilizations I or II	MU 2173	Women in Music
HI 4683	Europe: The First World War to Hitler	MU 3013	Survey of Western Music History I
PHI 1103	Intro. to Philosophy	PE 1323	History and Appr. of Dance
PHI 1113	Intro. to Logic	PSS 2343	Floral Design
PHI 3023/3033	History of Western Philosophy I or II	TECHNICAL WRITING ELECTIVES (3 HOURS)	
PHI 3153	Aesthetics	AELC 3203	Prof Writing Ag, NR, Human Sci. (JR) (EN 1103 or EN 1113)
REL 1103	Intro. to Religion	BIO 3013	Prof Writ for Biol (JR)
REL 3213/3223	World Religions I or II	EDF 3413	Writing for Thinking (EN 1103, EN 1113)
WILDLIFE BIOLOGY ELECTIVES (3 HOURS)		EN 3313	Writing for the Workplace (EN 1113)
WFA 4433 ¹	Mammalogy (BIO 1134, BIO 1144, WFA 3133)	MGT 3213	Org Communications (JR) (EN 1113)
WFA 4443 ¹	Ornithology (BIO 1134, BIO 1144, WFA 3133)	POLICY ELECTIVES (3 HOURS)	
WILDLIFE MANAGEMENT ELECTIVES (3 HOURS)		FO 4343	Forest Admin. and Organization (JR) (FA-Even)
FO 3113	Forest Recreation Mgt.	FO 4353	Natural Resource Law (JR)
WFA 4273	Ecology & Mgt of Human-Wildlife Conflicts	NREC 4423	Environmental Assessments (SR)
WFA 4283	Human-Wildlife Conflict Tech (WFA 3133)	WFA 4353	Fish and Wildlife Policy and Law Enforcement (SR)
WFA 4373	Principles of Conservation Ag Landscape	WFA 4363	Wildlife and Fisheries Administration and Communication (JR)
WFA 4383	Wetlands Ecology & Mgt (JR, WFA 3133) (FL Even)	WFA 4463	Human Dimensions of Fish & Wildlife Mgt (JR)
WFA 4393	Urban Wildlife Ecology (WFA 3133, JR)	¹ May be taken to fulfill either Wildlife Biology or Wildlife Zoology Electives requirement, but not both.	
WFA 4394	Waterfowl Ecology & Mgt (WFA 3133, JR)		
WFA 4473	Wildlife and Fisheries Practices (WFA 3133, WFA 4153, SR)		
WFA 4484	Upland Avian Ecology and Management (WFA 3133, WFA 4153, JR)		
WFA 4623	Conservation Biology		

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WILDLIFE ZOOLOGY ELECTIVES (3 HOURS)		PROFESSIONAL ELECTIVES	
ADS 3013/3031	Anatomy and Physiology + Lab	CFR 1101	Ambassador Lead Dev (up to 3 hrs)
BIO 3103	Genetics I (MA 1313, BIO 1134)	FO 3003	Internship
BIO 3504	Comparative Anatomy (BIO 1134, BIO 1144)	FO 3203	Forest Fire (SP-Odd)
BIO 3524	Biology of Vertebrates	FO 3113	Forest Recreation Mgt.
EPP 4143	Insect Ecology	FO 4343	Forest Admin. and Organization (JR) (FA-Even)
EPP 4154	General Entomology	FO 4453	Remote Sensing Applications (JR) (SP-Even)
WFA 4263	Wildlife Diseases (BIO 1134, BIO 1144)	FO 4473	GIS Nat. Res. Mgt. and Lab (JR) (SP-Odd)
WFA 4313	Fisheries Management (WFA 3133)	FO, NREC, SBP, WFA	Any course 3000 or higher
WFA 4323	Wildlife Nutrition & Physiology (BIO 1134, BIO 1144)	COMMUNICATION ELECTIVES (MUST SATISFY MSU GENERAL EDUCATION) (3 HOURS)	
WFA 4433 ¹	Mammalogy (BIO 1134, BIO 1144, WFA 3133)	CO 1003	Fundamentals of Public Speaking
		CO 1013	Introduction to Communication
WFA 4443 ¹	Ornithology (BIO 1134, BIO 1144, WFA 3133)		
WFA 4453	Ichthyology (BIO 1134, BIO 1144, WFA 3133)		

¹May be taken to fulfill either Wildlife Biology or Wildlife Zoology Electives requirement, but not both.

APPROVED SUBSTITUTIONS LIST FOR WILDLIFE MANAGEMENT CONCENTRATION	
Required Courses	Approved Substitutions
AEC 2713 Intro to Food & Resource Economics	EC 2113 Macroeconomics; EC 2123 Microeconomics
CH 1043 Survey of Chemistry I	CH 1213 Chemistry I (ACT Math subscore 24 or MA 1313 grade of C or better)
EN 1103 En Composition I (ACT English subscore 17)	EN 1104 Expanded English Composition I (ACT English subscore 16 or below)
EN 1113 En Composition II (EN 1103)	EN 1173 Accelerated (ACT English subscore 28 or higher)
ST 2113 Intro to Stats (C in MA 1313 or MA 1213 or ACT math subscore 24)	ST 3123 Intro to Stat Inf (ACT Math subscore 24 or C in MA 1313); BQA 2113 Bus Stat Methods I (MA 1613 or MA 1713 and BIS 1012 or equivalent)