

UF Wildlife Ecology and Conservation Major
FALL 2017 Advising Sheet – for students admitted 2017-18
Specialization: Pre-Professional
Upper Division Curriculum: Semesters 1-4

Semester 1, Fall			
Course Number	Title of Course	Credits	Prerequisites
BSC 2010 & 2010L	Integrated Principles of Biology I and Lab (GE-B) <i>Critical Tracking Course</i>	4	None
CHM 2045 & 2045L	General Chemistry I and Lab (GE-P) <i>Critical Tracking Course</i>	4	Readiness Exam
	Composition (State Core GE-C) and (WR-6)	3	
WIS 2920	Wildlife Colloquium – <i>required of all WEC majors & minors; Taught fall only</i>	1	WIE Major & Minor
	Elective	2	
		Total = 14	
Semester 2, Spring			
Course Number	Title of Course	Credits	Prerequisites
BSC 2011 & 2011L	Integrated Principles of Biology II and Lab (GE-B) <i>Critical Tracking Course</i>	4	None
CHM 2046 & 2046L	General Chemistry II and Lab (GE-P) <i>Critical Tracking Course</i>	4	CHM 2045 & 2045L
Choose one	AML 2070 Survey of American Literature or AML 2410 Issues in American Literature and Culture or ENL 2012 Survey of English Literature: Medieval-1750 or ENL 2022 Survey of English Literature: 1750-Present (All are GE-C or H and WR-6)	3	All require ENC 1101 or test score equivalent
	IUF 1000 What is the Good Life? (GE-H)	3	
	Elective	1	
		Total = 15	
Semester 3, Fall			
Course Number	Title of Course	Credits	Prerequisites
MAC 2311	Analytic Geometry and Calculus I (GE-M) <i>Critical Tracking Course</i>	4	Readiness Exam
	Humanities (State Core GE-H)	3	
CALS Requirement: AEC 3033C	Writing for Agricultural and Natural Resources (6,000 WR -- Provides 6,000 words) <i>Note: ENC 2210 or ENC 3254 will substitute</i>	3	None
CHM 2210	Organic Chemistry I	3	CHM 2046 & 2046L
	Social and Behavioral Sciences (State Core GE-S)	3	
		Total = 16	
Semester 4, Spring			
Course Number	Title of Course	Credits	Prerequisites
Choose one	ECO 2023 Principles of Microeconomics or AEB 3103 Principles of Food and Resource Economics or AEB 2014 Economic Issues, Food and You (All are GE-S) <i>Critical Tracking Course</i>	3-4	None None
STA 2023	Introduction to Statistics 1 <i>Critical Tracking Course</i>	3	None
CHM 2211 & 2211L	Organic Chemistry II and Lab	5	CHM 2210 & 2210L
WIS 3402 & 3402L	Wildlife of Florida and Lab	4	None
		Total = 15-16	

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Upper Division Curriculum: Semesters 5-6

Semester 5, Fall			
Course Number	Title of Course	Credits	Prerequisites
PHY 2053 & 2053L	Physics 1 and Lab (GE-P)	5	Algebra & Trig
Choose one	PCB 4043C General Ecology (GE-B) <i>Taught Fall and Spring Semesters Only or</i> WIS 3404 Natural Resource Ecology (online) – Note: previously taught as WIS 4934 Natural Resource Ecology (online) Taught Fall Semester Only or FOR 3153C Forest Ecology (GE-B) <i>Taught Fall Semester Only or</i> PCB 3601C Plant Ecology <i>Taught Spring Semester Only</i>	3-4	BSC 2011 & 2011L None Basic BIO or BOT
WIS 3401	Wildlife Ecology & Management <i>Taught Fall and Spring Semesters</i>	3	BSC 2011 & 2011L
	Elective	3	
		Total = 14-15	
Semester 6, Spring			
Course Number	Title of Course	Credits	Prerequisites
PHY 2054 & 2054L	Physics II and Lab (P)	5	PHY 2053
Choose one	PCB 3063 Genetics (B) or AGR 3303 Genetics (B) <i>Both Taught Fall, Spring and Summer Semesters</i>	3-4	BSC 2011 & 2011L Course in basic BIO, BOT or ZOO
WIS 4501	Introduction to Wildlife Population Ecology <i>Taught Spring Semester Only</i>	3	WIE 3401 and one of FOR 3153C PCB 3043C PCB 3601C PCB 4404C
	Elective	4	
		Total = 15-16	

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FALL 2017 Advising Sheet – for students admitted 2017-18
Specialization: Pre-Professional
Upper Division Curriculum: Semesters 7-8

Semester 7, Fall			
Course Number	Title of Course	Credits	Prerequisites
CALS Requirement: AEC 3030C	Effective Oral Communication <i>Taught Fall, Spring and Summer Semesters</i> <i>Note: SPC 2608 will substitute</i>	3	
Choose one	CHM 3218 Organic Chemistry/Biochemistry 2 or BCH 4024 Introduction to Biochemistry and Molecular Biology	4 4	CHM 3217 or CHM 2211 or permission See Catalogue
WIS 4554	Conservation Biology (if pre-professional, prerequisite is WIS 3553C; PCB 3063; or AGR 3303) <i>Taught Fall Semester Only or</i> WIS 4203C Landscape Ecology and Conservation <i>Taught Spring Semester Only</i>	3	WIS 3553C Ecology & GIS
Choose one	WIS 4523 Human Dimensions of Natural Resource Conservation (<i>Taught Fall Semester Only</i>) or FOR 3202 Society and Natural Resources (<i>Taught Spring Semester Only</i>) or FOR 4664 Sustainable Ecotourism Development (<i>Taught Fall Semester Only</i>) or FNR 4070C Environmental Education Program Development (<i>Taught Fall Semester Only</i>)	3	WIS 3401 & Ecology
	Elective	3	
		Total = 16	
Semester 8, Spring			
Course Number	Title of Course	Credits	Prerequisites
MCB 3020 & 3020L	Basic Biology of Microorganisms and Lab (B) <i>Taught Fall, Spring and Summer Semesters</i>	4	See Catalogue
Elective		2	
CALS Requirement: AEC 3030C	Effective Oral Communication <i>Note: SPC 2608 will substitute</i>	3	None
Choose three	WIS 4203C Introduction to Landscape Ecology and Conservation (ONLY IF not used for conservation biology requirement in Semester 7; <i>taught Spring Semester Only</i>) or WIS 4427C Wildlife Habitat Management (<i>Taught Spring Semester Only</i>) or WIS 4601C Quantitative Wildlife Ecology (<i>Taught Fall Semester Only</i>) or WIS 4941 Practical Work Experience (<i>Taught every semester</i>) or WIS 4945C Wildlife Techniques (<i>Taught Fall & Spring Semesters</i>) or ANS 3006C Animal Science (<i>Taught every Fall, Spring & Summer Semester</i>) or ANS 3440 Animal Nutrition (<i>Taught every Fall, Spring & Summer Semester</i>) Note: ANS 3006 & ANS 3440 are still highly recommended by most Vet schools; Up to 3 credits of WIS 4941 may be used if taken as the clinical experience required by Vet Schools	3	Course in Ecology & GIS WIS 3401 STA 2023 and WIS 3401 WIS 3402
		Total = 15-17	