

**FALL 2011 – SUMMER 2012 Advising Sheet**  
Specialization: Wildlife Ecology

**Semester 1, Fall**

Course Number	Title of Course	Credits	Prerequisites
<b>BSC 2010 &amp; 2010L</b>	<b>Integrated Principles of Biology I and Lab (GE-B)</b>	<b>4</b>	<b>None</b>
WIS 3403C	Perspectives in Wildlife Ecology and Conservation <b>NOTE – no longer taught, see your WEC advisor for substitution.</b>	3	<b>WIE Majors &amp; Minors</b>
	Composition (GE-C and 6,000 WR)	3	
	Humanities (GE-H)	3	
	Elective	2	
		Total = 15	

**Semester 2, Spring**

Course Number	Title of Course	Credits	Prerequisites
<b>BSC 2011 &amp; 2011L</b>	<b>Integrated Principles of Biology II and Lab (GE-B)</b>	<b>4</b>	<b>BSC 2010 &amp; BSC 2010L</b>
<b>Choose One</b>	<b>ECO 2023 Principles of Microeconomics or AEB 2014 Economic Issues, Food and You or AEB 3103 Principles of Food and Resource Economics (All are GE-S)</b>	<b>3-4</b>	<b>None</b>
Choose one	Humanities (GE-H) with 6,000 words	3	
	Social and Behavioral Sciences (GE-S)	3	
	Elective	2	
		Total = 16	

**Semester 3, Fall**

Course Number	Title of Course	Credits	Prerequisites
<b>CHM 2045 &amp; 2045L</b>	<b>General Chemistry I and Lab (GE-P)</b>	<b>4</b>	<b>Readiness Exam</b>
<b>STA 2023</b>	<b>Introduction to Statistics I (GE-M)</b>	<b>3</b>	<b>None</b>
AEC 3030C or SPC 2608	Effective Oral Communication <i>CALS Requirement</i>	3	<b>None</b>
AEC 3033C or ENC 2210	Writing for Agricultural and Natural Resources <i>CALS Requirement – Provides 6,000 words</i>	3	<b>None</b>
	Elective	2	
		Total = 15	

**Semester 4, Spring**

Course Number	Title of Course	Credits	Prerequisites
<b>MAC 2311</b>	<b>Analytic Geometry and Calculus I (GE-M)</b>	<b>4</b>	<b>Readiness Exam</b>
WIS 3402 & WIS 3402L	Wildlife of Florida and Lab <i>Taught Spring Semester Only</i>	4	<b>None</b>
SWS 3022 & SWS 3022L	Introduction to Soils in the Environment and Lab (GE-P)	4	<b>None</b>
Choose one	Humanities (GE-H) <b>or</b> Social and Behavioral Sciences (GE-S)	3	
		Total = 15	

**Summer**

Course Number	Title of Course	Credits	Prerequisites
Choose one – (Will choose again in Semester 5 Fall for total of 2 “Bot” requirements)	BOT 3151C Local Flora of North Florida (GE-B) <b>or</b> <b>ORH 3513C Environmental Plant Use &amp; Id</b> BOT 2011C Plant Diversity <b>or</b> FNR 3131C Dendrology/Forest Plants <b>or</b> BOT 2710C Plant Taxonomy	3-4	<b>BOT 2011C or BSC 2011</b>

<b>Semester 5, Fall</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
Choose one	PCB 4043C General Ecology (GE-B) <i>Taught Fall and Spring Semesters Only or</i>	4	<b>BSC 2011 and BSC 2011L</b>
	<b>WIS 4934 Natural Resource Ecology (online) or</b> FOR 3153C Forest Ecology (GE-B) <i>Both Taught Fall Semester Only or</i>	3 3	<b>None</b>
	PCB 3601C Plant Ecology <i>Taught Spring Semester Only</i>	3	<b>Basic BIO or BOTANY</b>
Choose one - depends upon choice in prior Summer term	BOT 2710 Practical Plant Taxonomy (GE-B) <i>Taught Fall Semester Only or</i> BOT 3151C Local Flora of North Florida <i>or</i> FNR3131C Dendrology Taught Fall Semester Only <i>or</i> ORH 3513C Environmental Plant Use & Id <i>or</i> BOT 2011C <i>Taught Spring Semester Only</i>	3	<b>None</b>
STA 3024	Introduction to Statistics II <i>Taught Fall, Spring &amp; Summer Semesters</i>	3	<b>STA 2023</b>
WIS 3401	Wildlife Ecology & Management <i>Taught Fall and Spring Semesters</i>	3	<b>BSC 2011 and BSC 2011L</b>
	Elective	3	
		Total = 15-16	
<b>Semester 6, Spring</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	
WIS 3553	Introduction to Conservation Genetics <i>Taught Spring Semester Only</i>  <b>Note: MUST complete WIS 3553 prior to WIS 4554</b>	3	<b>Basic BIO, course in General Ecology, and STA 3024</b>
WIS 4501	Introduction to Wildlife Population Ecology <i>Taught Spring Semester Only</i>	3	<b>WIS 3401 and one of FOR 3153C PCB 3043C PCB 3601C PCB 4404C</b>
Choose one	ZOO 2203C Invertebrate Zoology (GE-B) <i>Taught Spring Semester Only or</i> ENY 4210 Insects and Wildlife <i>Taught Fall Semester Only or</i> ENY 3005C & 3005L Principles of Entomology and Lab <i>Taught Fall, Spring &amp; Summer C Semesters</i>	3-4  3	<b>BSC 2011 and BSC 2011L</b>  <b>None</b>
	Elective	3	
		Total = 12-13	

<b>Semester 7, Fall</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
WIS 4554	Conservation Biology <i>Taught Fall Semester Only</i>  <b>Note: MUST complete WIS 3553 prior to WIS 4554</b>	3	<b>WIS 3401, WIS 3553 and one of PCB 3043C PCB 3601C PCB 4044C FOR 3153C</b>
	ZOO 2303C Vertebrate Zoology (GE-B) <b>or</b> ZOO 5486C Mammalogy (not offered in Fall 2011) <i>(Both taught Fall Semester only)</i>	4	<b>BSC 2011 and BSC 2011L</b>
Choose one	MAC 2312 Analytic Geometry and Calculus II (GE-M) <b>or</b> FOR 3434C Forest Resources Information Systems <b>or</b> GIS 3043 Foundations of Geographic Information Systems <b>or</b> SUR 3393 and SUR 3393L GIS and Lab <b>or</b> URP 4273 Survey of Planning Information Systems	3-4	<b>MAC 2311 None None  None None</b>
Choose one	WIS 4523 Human Dimension of Natural Resource Conservation <b>or</b> FOR 3202 Society and Natural Resources <b>(taught spring only) or</b> FOR 4664 Sustainable Ecotourism Development <b>or</b> FNR 4070C Environmental Education Program Development <i>(Most taught Fall Semester only)</i>	3	
	FNR 4660C Natural Resource Policy and Administration <i>Taught Fall Semester Only</i>	3	<b>JR or SR</b>
WIS 4601C	<b>Note: WIS 4601C Quantitative Ecology is taught fall only effective with the Fall 2011 semester – see 2 of 3 requirement in Semester 8, Spring</b>		
		Total = 16-17	
<b>Semester 8, Spring</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
Choose one	FAS 4305 Introduction to Fishery Science <i>Taught Spring Semester Only or</i> ZOO 4472C Avian Biology (GE-B) <i>Taught Spring Semester Only</i>	3-4	<b>None  BSC 2011 and BSC 2011L</b>
	Elective	3	
Choose one	WIS 4934 Wildlife Techniques <i>Taught Fall and Spring Semesters</i>  WIS 4547C Avian Field Techniques <i>Taught Spring Break Only</i>	4  2	<b>WIS 3402  General Ecology &amp; Vertebrate Ecology</b>
Choose two of these three courses	<b>WIS 4601C Quantitative Wildlife Ecology Now Taught Fall Semester Only or</b>  WIS 4203C Introduction to Landscape Ecology <i>Taught Spring Semester Only or</i>  WIS 4427C Wildlife Habitat Management <i>Taught Spring Semester Only</i>	6	<b>STA 2023 and WIS 3401 Course in General Ecology and STA 3024 WIS 3401</b>
		Total = 14-15	