

**UF Wildlife Ecology and Conservation Major**  
**FALL 2015 Advising Sheet – for students admitted 2015-16**  
**Specialization: Wildlife Ecology & Conservation**  
**Lower Division Curriculum: Semesters 1- 4**

<b>Semester 1, Fall</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
BSC 2010 & 2010L	Integrated Principles of Biology I and Lab (GE-B) <i>Critical Tracking Course</i>	4	None
WIS 2920	Wildlife Colloquium – for majors/minors only <i>Taught Fall semester only</i>	1	WIE Majors & Minors
	Composition (State Core GE-C) (WR - 6,000)	3	
	Elective	2	
	Humanities (State Core GE-H)	3	
		Total = 13	
<b>Semester 2, Spring</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
ECO 2023 or AEB 2014 or AEB 3103 (Choose One)	Principles of Microeconomics or Economic Issues, Food and You or Principles of Food and Resource Economics (All are GE-S) <i>Critical Tracking Course</i>	3-4	None
BSC 2011 & 2011L	Integrated Principles of Biology II and Lab (GE-B) <i>Critical Tracking Course</i>	4	BSC 2010 & BSC 2010L
UF Requirement: IUF 1000	What is the Good Life? (GE-H)	3	None
STA 2023	Introduction to Statistics 1 (State Core GE-M) <i>Critical Tracking Course</i>	3	None
	Social and Behavioral Science (State Core GE-S)	3	
		Total = 16-17	
<b>Semester 3, Fall</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
CALS Requirement: AEC 3030C	Effective Oral Communication Note: SPC 2608 will substitute	3	None
CALS Requirement: AEC 3033C	Writing for Agricultural and Natural Resources (6,000 WR – Provides 6,000 words) Note: ENC 2210 or ENC 3254 will substitute	3	
CHM 2045 & 2045L	General Chemistry I and Lab (State Core GE-B/P) <i>Critical Tracking Course</i>	4	Student must take Readiness Assessment on ISIS
	Ecology Common Requirement – see page 3	3-4	
	Composition (GE-C) (WR-6,000)	3	
		Total = 16-17	
<b>Semester 4, Spring</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
MAC 2311	Analytic Geometry and Calculus I (GE-M) <i>Critical Tracking Course</i>	4	Student must take Readiness Assessment on ISIS
SWS 3022 & SWS 3022L	Introduction to Soils in the Environment and Lab (GE-P) <i>Taught Fall and Spring semesters</i>	4	None
WIS 3402 & WIS 3402L	Wildlife of Florida and Lab <i>Taught Spring Semester Only</i>	4	None
	Elective	3	
		Total = 15	

**UF Wildlife Ecology and Conservation Major**  
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**Specialization: *Wildlife Ecology & Conservation***  
**Upper Division Curriculum: Semesters 5-8**

<b>Semester 5, Fall</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	<b>Prerequisites</b>
WIS 3401	Wildlife Ecology and Management <i>Taught Fall and Spring Semesters</i>	3	<b>BSC 2011 &amp; BSC 2011L</b>
WIS 4945C	Wildlife Techniques <b>or</b> Geographic Information System Common Requirement	3-4	<b>WIS 3402</b>
	Plant Diversity and Taxonomy Common Requirement 1	3	
	Wildlife Biology Common Requirement <b>or</b> <b>Focus Course 1</b>	3-4	
	Invertebrate Biology Common Requirement	3-4	
		Total = 15-18	
<b>Semester 6, Spring</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	
WIS 3553C	Introduction to Conservation Genetics <i>Taught Spring Semester Only</i>	4	<b>STA 2023 &amp; Ecology</b>
WIS 4945C	Wildlife Techniques <b>or</b> Geographic Information System Common Requirement	3-4	<b>WIS 3402</b>
	Plant Diversity and Taxonomy Common Requirement 2	3	
	Wildlife Biology Common Requirement <b>or</b> <b>Focus Course 1</b>	3-4	
		Total = 13-15	
<b>Semester 7, Fall</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	
WIS 4601C	Quantitative Wildlife Ecology <i>Taught Fall Semester Only</i>	3	<b>STA 2023 &amp; WIS 3401</b>
	Conservation Common Requirement <b>or</b> <b>Focus Course 2</b>	3	
	Human Dimensions Common Requirement	3	
	Natural Resource Policy Common Requirement	3	
	<b>Focus Course 3 or</b> Elective	3-4	
		Total = 15-16	
<b>Semester 8, Spring</b>			
<b>Course Number</b>	<b>Title of Course</b>	<b>Credits</b>	
WIS 4501	Introduction to Wildlife Population Ecology <i>Taught Spring Semester Only</i>	3	<b>WIS 3401, Ecology &amp; Genetics</b>
	Conservation Common Requirement <b>or</b> <b>Focus Course 2</b>	3-4	
	Elective <b>or</b> <b>Focus Course 3</b>	3	
	<b>Focus Course 4</b>	3	
	Elective	3	
		Total = 15-16	
		Grand Total = 120-127	

**FALL 2015 WEC Common Requirements – All Wildlife majors, except Pre-Professional, will select courses from each of these 8 categories of common course requirements. Total common requirements taken will equal 9 courses:**

***Invertebrate Biology Common Requirement (choose 1)***

ENY 3005 & 3005L - Principles of Entomology & Lab *taught every Fall, Spring, and Summer C semester, Lecture is online only, lab is field-based; lecture AND lab must be taken by WEC majors.*

ENY 4210 - Insects and Wildlife *taught online only every Fall, Spring & Summer C semester; the lab is NOT required for WEC majors*

ZOO 4205C - Invertebrate Biodiversity *taught spring only. Note: ZOO 4205C has replaced ZOO 2203C which is no longer offered at UF. Students who took ZOO 2203C may use it in place of ZOO 4205C.*

Any course focusing on invertebrate biology that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Ecology Common Requirement (choose 1)***

FOR 3153C - Forest Ecology *taught Fall semester only; see Kristina Haselier in Forestry to be registered.*

PCB 3601C - Plant Ecology *taught Spring semester only*

PCB 4043C - General Ecology (GE-B) *taught Fall & Spring semesters*

WIS 4934 – Natural Resource Ecology *course is online, taught Fall only; see Claire Williams in WEC to be registered*

Any course focusing on general ecology that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Geographic Information Common Requirement (choose 1)***

FOR 3434C - Forest Resources Information Systems *taught Summer B semester only*

URP 4273 - Survey of Planning Information Systems *taught every Fall, Spring and Summer A semester*

SUR 3393 & 3393L - Geographic Information Systems & Lab *taught Fall semester only*

GIS 3043 - Foundations of Geographic Information Systems *taught every Fall, Spring and Summer A semester*

Any course focusing on geographic information systems and their use that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Plant Diversity & Taxonomy Common Requirement (choose 2)***

BOT 2011C - Plant Diversity *taught Spring semester only*

BOT 2710 - Practical Plant Taxonomy *taught Fall semester only*

BOT 3151C - Local Flora of North Florida *taught Fall and Summer A semesters only*

FNR 3131C - Dendrology/Forest Plants *taught Fall semester only*

ORH 3513C - Environmental Plant Identification and Use *taught Fall and Summer C semesters only*

Any course focusing on plant diversity and taxonomy that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Wildlife Biology Common Requirement (choose 1)***

ZOO 4307C Vertebrate Biodiversity *taught Fall and Spring semesters. Note: ZOO 4307C has replaced ZOO 2303C which is no longer offered at UF. Students who took ZOO 2303C may use it in place of ZOO 4307C.*

WIS 4934/ZOO 4926 – Mammalogy *not taught on a predictable schedule*

ZOO 4427C - Avian Biology *taught Spring semester only*

Any course focusing on the biology of birds, mammals, reptiles, and/or amphibians that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Human Dimensions Common Requirement (choose 1)***

FNR 4070C - Environmental Education Program

FOR 3202 - Society and Natural Resources *taught Spring semester only*

FOR 4664 - Sustainable Ecotourism Development *taught Fall semester only*

WIS 4523 - Human Dimension of Natural Resource Conservation *taught Fall semester only*

Any course focusing on the human dimensions of natural resource conservation that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Natural Resource Policy Common Requirement (choose 1)***

ECP 3302 - Environmental Economics & Resource Policy

FNR 4660C - Natural Resource Policy & Administration *taught Fall semester only*

Any course focusing on natural resource policy that is approved by the WEC Undergraduate Coordinator (Dr. Bill Giuliano).

***Conservation Common Requirement (choose 1)***

WIS 4554 - Conservation Biology *taught Fall semester only*

WIS 4203C - Landscape Ecology & Conservation *taught Spring semester only*

These are capstone courses. No substitutions are permitted

**FALL 2015 WEC Focus Area and Courses - All Wildlife majors, except Preprofessional, must select a Focus Area. Select from *Ecology, Management, Human Dimensions, Quantitative, or Urban & Regional Planning (Dual Degree Program)*:**

Four approved focus courses (≥12 credits) must be successfully completed within the selected Focus Area. Courses used to fulfill WEC Common Requirements and other requirements may not be counted again as Focus Courses. All students must file a plan of study for Focus Area courses with WEC Student Services (102 Newins-Ziegler Hall) before completing 60 credit hours in the major. The plan must be approved by both the student's faculty advisor and the Undergraduate Program Coordinator, (Dr. Bill Giuliano). Course substitutions to the plan must be approved by the Undergraduate Program Coordinator.

**Approved Focus Courses in *Ecology* – you are responsible for researching when your focus course choices are offered**

BOT 4621 Plant Geography  
BSC 2862 Global Change Ecology and Sustainability  
BSC 3307C Climate Change Biology  
BSC 4812C Evolutionary Biogeography  
GLY 2080C Introduction to Marine Science  
GLY 6075 Global Climate Change (graduate level, graduate fees apply, instructor permission needed)  
FAS 4XXX Biology and Ecology of Algae  
FAS 4XXX Marine Ecological Processes  
FAS 4XXX Field Ecology of Aquatic Organisms  
FAS 4XXX Coral Reef Ecology  
FAS 4XXX Invasion Ecology of Aquatic Animals  
FAS 4XXX Scientific Diving ( Note: Basic Scuba and Advanced Scuba cannot be used as Focus courses)  
FAS 4202C Biology of Fishes  
FAS 4305C Introduction to Fishery Science  
FAS 6337C Fish Population Dynamics (graduate level, graduate fees apply, instructor permission needed)  
PCB 3601C Plant Ecology  
PCB 4043C General Ecology  
PCB 4674 Evolution  
SWS 4180 Earth System Analysis  
VME 4906 Introduction to Marine Wildlife (ONLY one VME 4906 can be used as focus)  
VME 4906 Aquatic Animal Conservation (ONLY one VME 4906 can be used as focus)  
Any WIS-prefix course at the level of 3000+ not used elsewhere in student's program, such as:  
    WIS 3434 Tropical Wildlife  
    WIS 4454 Ecology of Bird Introductions and Invasions  
    WIS 4547C Avian Field Research  
    WIS 4601C Quantitative Wildlife Ecology  
    WIS 4905 Individual Problems  
    WIS 4941 Practical Work Experience in Wildlife Ecology and Conservation  
*Other WIS Courses with Appropriate Ecology Focus*  
WIS 4934 Special Topics in Wildlife Ecology and Conservation, such as: Conservation of Amphibians & Reptiles, Invasion Ecology of Amphibians & Reptiles, Snake Biology, Stream Fish Ecology, Ecology of Bird Introductions, Climate Change Ecology, Coastal Disturbance Ecology, Coastal Conservation Biology, Island Biology, Natural Resources Law Enforcement, Mammalogy (if not used for Vert. Common Requirement), Large Mammal Ecology & Management, Avian Ecology & Conservation, Wetlands Management & Research.  
WIS 4905 UF in Belize including:  
    WIS 4905 Wildlife in the Tropics (spring break trip)  
    WIS 4905 Field Methods in Ecology (summer trip)  
    WIS 4905 Field Methods in Conservation (summer trip)  
    WIS 4905 Marine Ecology (summer trip)  
WIS 4905 UF in New Zealand including:  
    WIS 4905 New Zealand Flora and Fauna (Summer B trip)  
WIS 4905 UF in Swaziland including:  
    WIS 4905 African Savannah Wildlife Ecology (Summer A trip)  
WIS 4905 Individual Problems  
WIS 4911 Undergraduate Research/WEC  
WIS 4915 Honors Thesis Research/WEC  
WIS 4941 Practical Work Experience in Wildlife Ecology and Conservation  
  
ZOO 3513C Animal Behavior  
ZOO 3603C Evolutionary Developmental Biology  
ZOO 4307C Vertebrate Biodiversity (if not used for Vertebrate Common Requirement)  
ZOO 4403C Marine Biology  
ZOO 4926 Special Topics in Zoology (such as Scientific Illustration, Marine Biology)  
ZOO 4926 Marine Ecology  
ZOO 6406 Biology of Sea Turtles (graduate level, graduate fees apply, instructor permission needed)  
ZOO 6468C Ichthyology (graduate level, graduate fees apply, instructor permission needed)

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**Approved Focus Courses in Management – you are responsible for researching when your focus course choices are offered**

FAS 4305C Introduction to Fishery Science  
FAS 4932 Scientific Diver (Note: Basic Scuba and Advanced Scuba cannot be used as Focus courses)  
GLY 2080C Introduction to Marine Science  
VME 4906 Introduction to Marine Wildlife (ONLY one VME 4906 may be used)  
VME 4906 Aquatic Animal Conservation (ONLY one VME 4906 may be used)

**Law, Economics and Policy**

AEB 2451 Economics of Resource Use (Fall)  
AEB 3450 Introduction to Natural Resource and Environmental Economics (Fall)  
ECP 3302 Environmental Economics and Resource Policy (Fall & Spring)  
FNR 4660C Natural Resource Policy and Administration (Fall)  
FOR 3200C Foundations of Natural Resources and Conservation  
FOR 4020 Seminar in Contemporary Issues in Forest Resources and Conservation  
FOR 4060 Global Forests  
FOR 4090C Urban Forestry  
FOR 4541 Forest Economics  
FOR 4621 Forest Economics and Management  
PUP 3203 Environmental Law and Policy (Fall)

**Planning and Design**

EES 4050 Environmental Planning and Design  
FNR 4623C Integrated Natural Resource Management (Fall)  
FNR 4661 Spatial Models and Decision Analysis  
FOR 4110 Ecology and Restoration of Longleaf Pine Ecosystems  
FOR 4624C Forest Health Management  
FOR 4670L Urban Forestry Applications  
LEI 3250 Intro to Outdoor Recreation and Parks (Fall)  
SWS 4244 Wetlands (Spring)  
URP Preview of Urban and Regional Planning (Fall & Spring)  
WIS 4203C Landscape Ecology and Conservation (Spring)

**Implementation Procedures**

FNR 3131C Dendrology/Forest Plants  
FNR 3410C Natural Resource Sampling  
FNR 4343C Forest Water Resources  
FNR 4345 Models for Water Resources  
FOR 3162C Silviculture  
FOR 3214 & FOR 3214L Fire Ecology and Management & Lab  
FOR 3342C Tree Biology  
FOR 3430C Forest Mensuration  
FOR 3434C Forest Resources Information Systems  
FOR 3855 Agroforestry in the Southeast US  
FOR 4854 Agroforestry  
FOR 3434C Forest Resources Information Systems (Summer B)  
FOR 4165 Regional Silviculture  
GIS 3043 Foundations of Geographical Information Systems (Fall, Spring & Summer A)  
GIS 4021C Air Photo Interpretation (Spring)  
SUR 3393 & SUR 3393 L Geographic Information Systems & Lab (Fall)  
Any SUR-prefix course taught at the 3000-level or higher  
URP 4273 Survey of Planning Information Systems (Fall & Spring)  
WIS 4427C Wildlife Habitat Management (Spring)

**WIS Courses with Appropriate Management Focus**

WIS 4934 Topics in Wildlife Ecology and Conservation including:  
    WIS 4934 Coastal Conservation Biology (Summer semester)  
    WIS 4934 Wildlife Behavior and Conservation  
    WIS 4934 Natural Resources Law Enforcement  
    WIS 4934 Wetlands Management & Research  
WIS 4905 UF in Belize including:  
    WIS 4905 Wildlife in the Tropics (spring break trip)  
    WIS 4905 Marine Ecology and Conservation (summer trip)  
    WIS 4905 Field Methods in Conservation (summer trip)  
WIS 4905 UF in New Zealand Including:  
    WIS 4905 Biodiversity Conservation and Management (Summer B trip)  
WIS 4905 UF in Swaziland including:  
    WIS 4905 Conservation, Culture and Management (Summer A trip)  
WIS 4905 Individual Problems  
WIS 4911 Undergraduate Research/WEC  
WIS 4915 Honors Thesis Research/WEC  
WIS 4941 Practical Work Experience in Wildlife Ecology and Conservation

**FALL 2015 WEC Focus Area and Courses** - All Wildlife majors, except Preprofessional, must select a Focus Area. Select from ***Ecology, Management, Human Dimensions, Quantitative, or Urban & Regional Planning (Dual Degree Program)***:

Four approved focus courses (≥12 credits) must be successfully completed within the selected Focus Area. Courses used to fulfill WEC Common Requirements and other requirements may not be counted again as Focus Courses. All students must file a plan of study for Focus Area courses with WEC Student Services (102 Newins-Ziegler Hall) before completing 60 credit hours in the major. The plan must be approved by both the student's faculty advisor and the Undergraduate Program Coordinator, (Dr. Bill Giuliano). Course substitutions to the plan must be approved by the Undergraduate Program Coordinator.

## **Approved Focus Courses in **Human Dimensions** – you are responsible for researching when your focus course choices are offered**

### ***Policy, Economics and Ethics***

AEB 2451 Economics of Resource Use (Fall)  
AEB 3450 Intro to Natural Resource and Environmental Economics (Fall)  
AEB 4126 Agricultural and Natural Resource Ethics (Fall & Spring)  
AEB 4283 International Development Policy (Fall & Spring)  
AEB 4452 Advanced Natural Resource & Environmental Economics  
ECP 3302 Environmental Economics and Resource Policy (Fall & Spring)  
FNR 4660C Natural Resource Policy and Administration (Fall)  
FOR 3202 Society and Natural Resources (Spring) (if not used for HD Common Requirement)  
INR 4350 International Environmental Relations (Fall & Spring)  
PHM 3032 Ethics and Ecology  
PUP 3203 Environmental Law and Policy (Fall)  
PUP 3204 Politics and Ecology (Fall & Spring)  
PUP 4008 Analyzing Public Policy (Fall & Spring)  
POT 3503 Environmental Ethics and Policy (Fall)  
WIS 4523 Human Dimensions of Natural Resource Conservation (Fall) (if not used for HD Common Requirement)

### ***Environmental Education and Communication***

AE 3070C Digital Media Products in Agriculture and Natural Resources (Fall)  
AEE 3073 Intercultural Communication (Fall & Spring)  
AEC 3414 Leadership Development in Agriculture and Natural Resources (Fall & Spring)  
AEE 4035 Advanced Agricultural Communication Writing (Spring)  
AEE 4036 Advanced Agricultural Communication Production (Spring)  
FNR 4040C Natural Resource Communication  
FOR 4070C Environmental Education Program Development (Fall)  
SCE 4342 Environmental Education Methods and Materials  
SPC 3602 Advanced Public Speaking (Spring)  
BOT 4926 Scientific Illustration

### ***Environmental Planning and Management***

EES 4050 Environmental Planning and Design  
FNR 4623C Integrative Natural Resource Management (Fall)  
FOR 4664 Sustainable Ecotourism Development (Fall)  
GEO 4554 Regional Development (Spring)  
LEI 3250 Intro to Outdoor Recreation and Parks (Fall)  
LEI 3546 Park Management (Spring)  
LEI 4833 Ecotourism  
URP 4000 Preview of Urban and Regional Planning (Fall & Spring)

### ***WIS Courses with Appropriate Human Dimensions Focus***

WIS 4934 Topics in Wildlife Ecology and Conservation  
WIS 4905 UF in New Zealand  
WIS 4905 UF in Swaziland  
WIS 4905 Individual Problems  
WIS 4911 Undergraduate Research/WEC  
WIS 4915 Honors Thesis Research/WEC  
WIS 4941 Practical Work Experience in Wildlife Ecology and Conservation

**FALL 2015 WEC Focus Area and Courses** - All Wildlife majors, except Preprofessional, must select a Focus Area. Select from ***Ecology, Management, Human Dimensions, Quantitative, or Urban & Regional Planning (Dual Degree Program)***:

Four approved focus courses ( $\geq 12$  credits) must be successfully completed within the selected Focus Area. Courses used to fulfill WEC Common Requirements and other requirements may not be counted again as Focus Courses. All students must file a plan of study for Focus Area courses with WEC Student Services (102 Newins-Ziegler Hall) before completing 60 credit hours in the major. The plan must be approved by both the student's faculty advisor and the Undergraduate Program Coordinator, (Dr. Bill Giuliano). Course substitutions to the plan must be approved by the Undergraduate Program Coordinator.

**Approved Focus Courses in Quantitative Science– you are responsible for researching when your focus course choices are offered**

***Mathematics, Modeling and Statistics***

FAS 4XXX Applied Fisheries Statistics  
MAC 2313 Analytic Geometry and Calculus 3 (Fall & Spring)  
MAD 4401 Intro to Numerical Analysis (Fall & Spring)  
MAP 2302 Elementary Differential Equations (Fall & Spring)  
MAP 4101 Probability Theory and Stochastic Processes 1  
MAP 4102 Probability Theory and Stochastic Processes 2 (Spring)  
MAS 3114 Computational Linear Algebra (Fall & Spring)  
MAS 4105 Linear Algebra 1 (Fall & Spring)  
STA 4210 Regression Analysis (Fall)  
STA 4211 Design of Experiments  
STA 4222 Sample Survey Design  
STA 4321 Intro to Probability (Fall & Spring)  
STA 4504 Categorical Data Analysis (Spring)  
STA 4702 Multivariate Statistical Methods

***Computer Programming and Networks***

CAP 4800 Systems Simulation (Fall)  
CIS 3020 Intro to CIS (Spring)  
COP 3530 Data Structures and Algorithm (Fall & Spring)  
COP 4331 Object-oriented Programming (Spring)  
COT 3100 Applications of Discrete Structures (Fall & Spring)  
COT 4501 Numerical Analysis – A Computational Approach (Fall & Spring)

***GIS and Remote Sensing***

EES 4027 Spatial Analysis Using GIS  
GEO 3162C Intro to Quantitative Analysis for Geographers (Fall & Spring)  
GEO 4167C Intermediate Quantitative Analysis for Geographers (Spring)  
GIS 3043 Foundations of Geographical Information Systems (Fall, Spring & Summer A)  
GIS 4120C Air Photo Interpretation (Spring)  
SUR 3331 & SUR 3331L Photogrammetry & Lab (Spring)  
SUR 3393 & SUR 3393 L Geographic Information Systems & Lab (Fall)  
SUR 4380 Remote Sensing (Spring)  
URP 4273 Survey of Planning and Information Systems (Fall & Spring)

***WIS & Other Courses with Appropriate Quantitative Focus***

WIS 4934 Topics in Wildlife Ecology and Conservation (such as Biometry)  
WIS 4905 Individual Problems  
WIS 4911 Undergraduate Research/WEC  
WIS 4915 Honors Thesis Research/WEC  
WIS 4941 Practical Work Experience in Wildlife Ecology and Conservation  
SWS 4180 Earth System Analysis

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**Approved Focus Courses in [Urban and Regional Planning](#) to fulfill Dual Degree Requirements**

Recently WEC Faculty met with the Department of Urban and Regional Planning to discuss the possibility of WEC undergraduates pursuing a combined degree (Baccalaureate of Science in Wildlife Ecology and Conservation and a Master of Arts in Urban and Regional Planning in URP) in a five-year program. Students who satisfy the requirements for the M.A. in URP will further be eligible to pursue various certifications as professional planners. The URP M.A. requires a total of 52 graduate credits and in order to satisfy this requirement, URP requires that Undergraduates complete 21 of these graduate credits during their undergraduate curriculum.

Students selecting the Urban and Regional Planning Focus Area are required to complete 21 credit hours of "Focus" courses and these could cover the 21 graduate credits ([6000 level or above](#)) required by URP in the undergraduate portion of this combined degree program. Dr. Macedo assured us that undergraduates can master these courses and certainly will not be at any disadvantage compared to URP graduate students in the program. Upon graduation from the undergraduate portion of this program, students will have to satisfy 31 additional graduate credits in URP in the next year, with 6 of these credits being designated for the thesis.

We recommend that students pursuing this combined degree program follow the Fall 2011 Conservation Specialization and elect 21 graduate credits required by URP as their focus coursework.

Students must be advised by both a WEC faculty member and Dr. Stanley Latimer (431 Architecture).