

“Training Conservation Biologists
for the Future”



graduate studies in
conservation biology
at the University of Missouri–Columbia

Conservation Biology

Conservation Biology Certificate Program

Fall courses applicable to certificate requirements.

- Ph.D. students: 15 credit hours of coursework, 12 of which may overlap with the degree course of study.
- M.S./M.A. students: 9 credit hours of coursework, all of which may overlap with the degree course of study.
- Coursework must include one course each from the following areas: Natural Science (NS), Techniques (T) and Social Science (SS).
- Total credit hours need not exceed Graduate School degree requirements
- **For more information, please visit:**
<http://conservbio.missouri.edu>

Course number	Title	Instructor	Day	Time	Cr	Category
ANTHROPOLOGY						
ANTHRO 7820	Zooarchaeology	Lyman	TuTh	9:30AM -- 10:45	3	T
ATMOSPHERIC SCIENCE						
ATM-SCI 7520	Meteorology of the Biosphere	Hubbart	MoWeFr	10:00AM -- 10:50	3	NS
BIO SCIENCE						
BIO SCI 8600	Design of Ecological Experiments	Semlitsch	Mo	12:00PM -- 1:50	2	T
BIO SC 7320	Plant Physiology	Liscum, Stacey	MoWeFr	10:00AM -- 10:50	3	NS
BIO SC 7640	Behavioral Biology	Cocroft	TuTh	11:00AM -- 12:15	3	NS
FISHERIES & WILDLIFE						
F&W 7100	Limnology	Jones	MoWeFr	Mon 9:00AM -- 9:50 Lab 1:00PM -- 3:50	3 (4 w/lab)	NS
F&W 7600	Ecosystem Management	Kesler	MoWeFr	10:00AM -- 11:50	4	T/NS
F&W 7400	Techniques for Fisheries Management and Conservation	Noltie Fr	Th	3:00PM -- 4:50 12:00PM -- 4:50	3	T/NS
F&W 8001 Section 2	The Role of Science in Environmental Decisions	Galat	Th (tentative)	3:00PM – 4:00	1	SS
F&W 8620	Vertebrate Behavioral Ecology	Noltie	TBA	TBA	3	NS
FORESTRY						
Forestry 7320	Forest Ecology	Muzika	MoWeFr Wed	12:00---12:50 lab 1:30---5:30	5	NS
Forestry 7390	Watershed Management and Water Quality	Hubbart	MoWeFr	9:00AM -- 9:50	3	NS
Forestry 8530	Ecosystem Management: The Human Dimension	Aguilar	TuTh	10:30AM -- 12:00	3	SS
GEOGRAPHY						
GEOG 7710	Spatial Analysis in Geography	Wang	TuTh	9:30AM -- 10:45	3	T
GEOG 7830	Remote Sensing	Wang	TuTh	12:30PM -- 1:45	3	T
GEOG 7840	Geographic Information Systems I	Li	TuTh	2:00PM -- 3:15	3	T

PHILOSOPHY							
PHIL 7400	Philosophy of Science	Ariew	MoWeFr	12:00PM -- 12:50	3	SS	
PLANT, INSECT & MICROBIAL SCIENCES							
PLNT S 8530	Research with Plant Stress Agents	multiple	TuTh	11:00AM -- 12:15	3	T/NS	
PLNT S 7400	Plant Anatomy	Mihail	MoWeWeFr	9:00AM -- 9:50 Lab 1:00PM -- 2:50	4	NS	
PLNTS 8010	Professionalism and Ethics	Mihail, Hall	TuTh	9:00AM -- 9:50	2	SS	
PUBLICAFFAIRS							
PA 8170	Public Policy Processes and Strategies	Konisky	Mo	3:00PM -- 5:30	3	SS	
PA 8210	Ethics, Democracy and Public Service	Adams	Mo	3:00PM -- 5:30	3	SS	
PA 9150	Governance and Public Affairs	TBA	TBA	TBA	3	SS	
PA 9170(PolSci 9310)	Policy Theory	Nicholson---Crotty	Mo	6:00PM -- 8:30	3	SS	
PA 9182	Logics of Inquiry in Public Affairs	Diamond	TBA	TBA	3	SS	
RURALSOCIOLOGY							
RU SOC 7341 (part term)	Building Communities from the Grassroots	Adams & Jeanetta	TBA	TBA	3	SS	
RU SOC 7343 (part term)	Creating Capacity for Dynamic Communities	Adams & Jeanetta	TBA	TBA	3	SS	
RU SOC 7446	Community and Social	Obrien	Th	2:00 PM - 5:00	3	SS	
RU SOC 8447	Contemporary Issues	Qin	Tues	3:00 PM -- 5:45	3	SS	
STATISTICS							
STAT 7070	Statistical Methods for Research	Ellersieck	MoWeFr	9:00AM -- 9:50	3	T	
STAT 7410	Biostatistics	Guha	MoWeFr	1:00PM -- 1:50	3	T	
STAT 7510	Applied Statistical Models I	He	(sec 1)TuTh	8:00AM -- 9:15	3	T	
			(sec 2)TuTh	9:30AM ---10:45	3	T	
STAT 7540	Experimental Design	Spinka	MoWeFr	10:00AM -- 10:50	3	T	
STAT 7810	Nonparametric Methods	Le	MoWeFr	12:00PM -- 12:50	3	T	
STAT 7870	Time Series Analysis	Thombs	TuTh	12:30PM -- 1:45	3	T	
STAT 8220	Applied Stat. Models II	Hearne	TuTh	9:30AM -- 10:45	3	T	