

TCD List of Courses - SPRING 2020

| Course Number | | Course Title | Cred | Section | Days | Periods | Room | Instructor |
|---|---------------|---|------|-----------------|-------------|---------------|----------------------------------|----------------------|
| INTERDISCIPLINARY CORE | | | | | | | | |
| LAS | 6291 | Conservation and Development Skills: Facilitation Skills for Mgmt | 3 | 25236 | W | 2-4 | GRI 0376 | Williams |
| LAS | 6291 | Conservation and Development Skills: CONFLICT MANAGEMENT | 3 | DEPT | T | 3-5 | GRI 0376 | Dain |
| LAS | 6291 | Conservation and Development Skills: Fundraising for TCD Prof | 3 | DEPT | M R | 3-5 4-5 | NRN 1-243 | Bruna and Loiselle |
| LAS/ANG* | 6938/ 6930 | Seminar in Modern Latin American Studies: Power & Environment | 3 | DEPT/ 24841 | M | 6-8 | GRI 0376 | Paulson |
| LAS | 6940 | Tropical Conservation and Development Practicum: TROP CONSERV/DEV PRAC | 3 | DEPT | TBD | TBD | TBD | Stepp |
| WIS** | 6934 | Topics in Wildlife Ecology and Conservation: Conservation Planning | 3 | DEPT | W | 9-11 | RNK 0106 | Branch |
| *- Course is equivalent to LAS 6290; ** - course equivalent to LAS 6291 | | | | | | | | |
| TROPICAL ECOLOGY | | | | | | | | |
| AGR | 5230C | Florida Grassland Agroecosystems | 4 | DEPT | online | | | Sollenberger |
| BOT | 5695C | Ecosystems of Florida | 3 | 23786 | F | 3-6 | NRN 1-212 | Putz |
| FOR | 6164 | Silviculture: Concepts and Applications | 3 | 13247 | M W F | 5-9 5 5 | NZH 0222 NZH 0222 NZH 0219 | Vogel |
| FOR | 6934 | Topics in Forest Resources and Conservation: Tropical Forestry | VAR | 24682 | TR | 5 | NZH 0219 | Bohlman |
| FNR | 6669 | Policy and Economics of Natural Resources | 3 | DEPT | online | | | Binford |
| GEO | 5305 | Environmental Biogeography | 3 | 24244 | R T | 9 8-9 | TBA | Adams |
| PCB | 6447C | Community Ecology | 4 | 25122 | TR | 6-7 | NRN 1-130 | Holt and Leibold |
| SWS | 5050 | Soils for Environmental Professionals | 3 | 19777 | online | | | Daroub |
| WIS | 6455 | Wildlife Population Ecology | 3 | 20798 | MWF | 3 | LAR 0310 | Oli |
| WIS | 5555C | Conservation Biology | 3 | DEPT | R | 4-6 | WEIM 1076 | Branch |
| SOCIAL SCIENCES | | | | | | | | |
| ANG | 6086 | Historical Ecology | 3 | 10425 | W F | 7 6-7 | TUR B310 LEI 0142 | Oyuela-Caycedo |
| CCJ | 5934 | Contemporary Issues in Criminology and Law: CRIME AND THE ENVIRONMENT | 3 | DEPT | T | 3-5 | NRN 1-212 | Kahler |
| LAS | 6220 | Issues and Perspectives in Latin American Studies | 3 | DEPT | M | 9-11 | GRI 0376 | De La Torre Espinosa |
| LAS | 6938 | Seminar in Modern Latin American Studies: ECO DEVELOPMENT IN LA | 3 | 21391 | W R | 8-10 9 | MAT 0210 | Useche |
| LAS/ANG | 6938/ 6930 | Seminar in Modern Latin American Studies: MASCULINITIES, Gender & ENVIR | 3 | 15802/ 24860 | R | 6-8 | GRI 0376 | Paulson |
| LAH | 6936 | Seminar in History of Brazil | 3 | DEPT | R | 8-10 | FLI 0013 | Needell |
| LAS | 6938 | Seminar in Modern Latin American Studies: Political Economy | 3 | 15773 | R | 9-11 | CBD 0210 | Martinez Novo |
| RLG | 6126 | Religion in the Americas | 3 | 23088 | MWF | 6 | AND 0019 | Wright |

Brief Course Descriptions, Links to Syllabus, and Frequency of Offering (as available, but please note this is an approximation)

I. TCD INTERDISCIPLINARY CORE

LAS 6291 Fundraising Skills for TCD Professionals Prof: Bruna/Loiselle

Many of the graduates from the Tropical Conservation and Development program work outside of traditional academia in non-profit organizations, research institutes, or consulting. Even those in academia are confronted with raising funds for programs that fall outside of the standard research grant proposal model. Traditional graduate student courses in conservation and development do not address the practical and critical skill of developing and funding programs. The objectives of this course are (1) to introduce students to the diverse set of private and public sources for funding their activities (2) to develop the skills needed to fundraise from these sources, including the development of donor profiles, constructing fundraising plans, applying fundraising strategies and tactics, and understanding ethical and legal issues surrounding fundraising. Students will learn by doing: all students will (1) develop and implement a fund-raising project focused on their work and (2) work as a group to develop a fundraising plan for an organization.

[Syllabus](#)

Course Offering: irregular, usually spring even years

LAS 6921 Facilitation Skills in Conservation Prof: Williams

Professionals working in Conservation and/or Development must know how to work collaboratively as members of in-house teams, inter-organizational partnerships and projects requiring engagement with diverse stakeholder groups. Effective collaboration requires a specific set of skills that range from designing and running effective meetings to helping diverse and often competing interests work and plan together. Graduate students in this class will develop and strengthen facilitation skills and approaches through practice and reflection. By the end of the class participants should feel more confident leading groups, facilitating group decision-making and being effective collaborative problem-solvers both off and on campus.

[Syllabus](#)

Course Offering: every other spring

LAS 6291 Conflict Management Prof: Dain

Conservation and/or Development work involves a challenging mix of multiple and competing actors, complex issues and constantly changing conditions. Serious disagreements among stakeholders can derail even the best of projects, yet most professionals in the field have little to no training in conflict management. Whether disputes are over land use, endangered species or other topics of concern, sustainable solutions to vexing problems require effective strategies for engaging people and bridging differences. Conflict can be draining and destructive, but it also offers opportunities for new ideas and creative problem solving. This

practical course provides students with concepts, skills and approaches for understanding and addressing situations of conflict.

[Syllabus](#)

Course Offering: usually every spring

LAS 6938 Power & Environment Prof: Paulson

This course brings together natural and social scientists and practitioners to ask: How does power work in and through ecosystems, environmental governance systems, institutions, bodies, and science itself? Participants explore scales ranging from local farms and urban centers to earth systems of atmosphere, geosphere, hydrosphere, and biosphere. Attention is drawn to unequal distribution of environmental benefits and burdens, asymmetrical exchange of material and energy, and contested understandings of human and other nature. Latin American cases, visions and responses are foregrounded. Materials include recent publications like Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Service, Pope Francis' Encyclical on Care for Our Common Home, The EcoModernist Manifesto, UN Sustainable Development Goals, and the new Framework Convention on Climate Change. As course participants critically analyze diverse approaches to conservation and development, they also work toward building positive alternatives for the future.

Syllabus:

Course Offering:

LAS 6941 Tropical Conservation/Development Practicum Prof: Stepp

The TCD Practicum provides TCD students with supervised practical experience to build their skills and confidence in applied, professional work in tropical conservation and development. The practicum is a service-oriented activity beyond the normal research and teaching activities required by the student's department. The practicum must be related to the field of conservation and/or development and should add a dimension to the student's training that is unavailable through other UF coursework.

[Syllabus](#)

Course Offering: every semester

WIS 6934 Systematic Planning for Conservation Projects Prof: Branch

Conservation practitioners have limited resources (money, time, and people) to solve urgent and escalating biodiversity conservation problems. To be effective, conservation practitioners need to carefully choose and prioritize their strategies, monitor whether they are being effective, and adapt strategies when they are not working. In addition, to obtain support from funders, partners, or stakeholders, practitioners must clearly communicate their goals and strategies, demonstrate their effectiveness, and rely on clear, transparent decision-making. This

course is designed for graduate students who are interested in applied conservation as a career or in supporting conservation projects implemented by others (e.g., through applied research). The goal of the course is to provide students with training and experience in a strategic and adaptive process for planning biodiversity conservation projects to meet the challenges described above. This hands-on course will be structured using the approach of the Conservation Measures Partnership, a consortium of major international NGOs (<http://www.conservationmeasures.org/>). Each student team will develop a conservation plan for an area chosen by the team and conduct peer-review of other teams' plans. For more information about this class see:

<https://wec.ifas.ufl.edu/people/wec-faculty/lyn-branch/conservation-planning/>

[Syllabus](#)

Course Offering: most spring semesters

II. ECOLOGY ELECTIVES

AGR 5230C Florida Grassland Agroecosystems Prof: Sollenberger

Grasslands cover >40% of Earth's ice-free terrestrial surface. In Florida, grasslands are important for livestock production, soil carbon sequestration, ground water recharge, species conservation, and wildlife habitat. This class provides a comprehensive overview of planted and native grasslands in Florida, emphasizing delivery of ecosystem services and the interactions of key components of the ecosystem.

[Syllabus](#)

Course Offering: every spring

BOT 5695C Ecosystems of Florida Prof: Putz

This field-based ecology course covers topics from climate and soils to forest dynamics and fire ecology, with a focus on ecosystem management and conservation. Participants carry out several 1-day field studies from hypothesis formulation through data analysis, manuscript preparation, and manuscript revision. One project is always on fire ecology, the other varies with interests and opportunities.

[Syllabus](#)

Course Offering: irregular, spring semesters

FOR 6164 Silviculture: Concepts and Applications Prof: Vogel

This course covers the theories and practices that pertain to managing for forest establishment (natural and artificial regeneration), composition, structure and growth. The principles of sustainable forest management will be covered for a broad array of ecosystem values and social and ecological benefits, including forest products, ecological restoration, wildlife, biodiversity, and ecosystem services. In aggregate, these topics broadly cover the art and science of **silviculture**.

[Syllabus](#)

Course Offering:

FOR XXXX Social-Environmental Impacts and Adaptive Management of Dam and Infrastructure Profs: Bohlman & Doria (stay tuned, this is a new course)

Description:

Syllabus:

Course Offering:

FNR 6669 Policy and Economics of Natural Resources Prof: Adams

Description:

Syllabus:

Course Offering:

GEO 5305 Environmental Biogeography Prof: Binford

Biogeography is the science that describes and explains spatial patterns of biodiversity, and is core science in the understanding of human-environment interactions. Biogeographers study distributions of organisms, both past and present, and how related patterns of environmental variation influence the organisms. Recent new sciences of Landscape Ecology, Macroecology, and Global Ecology are extensions of or borrow significantly from Biogeography.

Biogeography is also an applied science in that biogeography theory is useful for designing nature reserves, forecasting how climate change may affect organisms, and explaining human adaptations to environmental variability. Very recent developments in Macrosystems Biology and the completion of the National Ecological Observatory Network (NEON) have brought Biogeography into the era of Big Data. This class will take a mostly ecological approach to understanding biogeography.

Syllabus & [Flyer](#)

Course Offering: every spring semester

PCB 6447C Community Ecology Profs: Holt/Leibold

Description:

Syllabus:

Course Offering:

SWS 5050 Soils for Environmental Professionals Prof: Daroub

The course is an introductory class in soil science intended for graduate students and professionals in the environmental science area with little or no background in soil science. The course will describe soil physical, chemical and biological properties and processes that determine the fundamental role soils play in the environment.

Students will gain an overall understanding of the soil physical, chemical and biological properties that impact plant growth and the environment, recognize the different soil processes that occur in soils, whether related to water retention, cation exchange capacity or adsorption, and gain a general understanding of nutrient cycles.

Note: For enrollment, contact Dr. Michael Sisk (mjsisk@ufl.edu)

[Syllabus](#)

Course Offering: every fall (Prof. Osborne), every spring (Prof. Daroub)

WIS 6455 Wildlife Population Ecology Prof: Oli

This course is designed to expose students to concepts and models in population ecology, and their application to conservation and management of wildlife populations. By the end of the semester, students will: 1) Have a thorough understanding of concepts and models of population dynamics and species interactions; 2) Become familiar with topics such as population viability analysis, life history theory and population regulation; and 3) Become familiar with the application of ecological theories and models to conservation and management of wildlife populations.

[Syllabus](#)

Course Offering: every spring semester

WIS 5555C Conservation Biology Prof: Branch

Description:

Syllabus:

Course Offering:

III. SOCIAL SCIENCE/HUMANITIES ELECTIVES

ANG 6086 Historical Ecology Prof: Oyuela-Caycedo

The objective of this course is to create a solid foundation in the study of the theories and methods in historical ecology today. This will be accomplished by evaluating the new trends that have driven historical ecology in the last ten years. This new approach demands an interdisciplinary view. The first part of the class will focus on the different epistemological approaches. We will look at the kinds of questions asked and the methodologies employed to answer them. The last part of the course will place emphasis on case studies where historical ecology has been employed to understand long-term regional dynamics of the relationship between humans and the environment. We will examine the theoretical and methodological relationship of historical ecology to biology, geography, and geology as well as to history. We will look at why historical ecology is a powerful approach to evaluating critical theories that range from biology to history. We will look at how the theories are evaluated and what factors favor their success or abandonment.

Syllabus:

Course Offering: every spring

CCJ 5934 Crime and the Environment Prof: Kahler

Description:

Syllabus:

Course Offering:

LAS 6220 Issues and Perspectives in Latin American Studies Prof: De la Torre

This course introduces graduate students to the interdisciplinary study of Latin America. It addresses some of the principal issues or problems that have commanded the attention of scholars in Latin American Studies and related disciplines (especially in the social sciences) and explores diverse approaches to those issues and problems. It also seeks to provide a firm foundation for further study. The course privileges class discussion and its success will depend on the informed contributions of the participants. Students are encouraged to bring to bear their experience and expertise and to pursue topics of particular interest. Spring 2020 has three sections 1) the legacies of colonialism: race and racism in the Americas, 2) development and natural resource extraction, 3) populism and democratization.

[Syllabus](#)

Course Offering: every spring semester

LAS 6938 Economic Development in Latin America Prof: Useche

Description:

Syllabus:

Course Offering:

LAS/ANG 6938/6930 Masculinities, Gender and the Environment Prof: Paulson

This political ecology course explores how masculinities and femininities are shaped by—and influence—environmental management and (re)production of rural and urban landscapes. Course participants develop skills and strategies to strengthen their work in conservation and development with gender-aware language, ethnoecology tools, image analysis, survey design, mapping, photovoice, use of contested terms, acknowledgement of own positions in research and professional practice, and capacity to engage interlocutors in their own positionality. We ask how gender works in and through ecosystems, economies, environmental governance systems, bodies, and science itself, with emphasis on Latin America. Intersectional analysis is used to differentiate high-tech ecomodern masculinities from those of laborers who serve as beasts of burden in extractive enterprises that degrade their ecosystems and their bodies. Postcolonial/decolonial feminisms illuminate historical models based in hierarchical binaries. Feminist care theories highlight long-evolving and newly-emerging masculine practices for child-raising, community-building, and regenerating ecosystems and services.

Syllabus:

Course Offering:

LAH 6936 Seminar in History of Brazil Prof: Needell

This graduate seminar introduces the historiography concerning Brazil written in English; it is meant to give the student some sense of the general narrative, and the established authors and debates. Generally, at least up to the twentieth century, the seminar is chronologically, rather than thematically, organized; it also follows the traditional emphases of the literature in its focus on socio-economic and political history. A more thematic approach, however, is necessary for works on the past century, as is attention to a more varied set of concerns.

[Syllabus](#)

Course Offering: usually every other year, likely in spring even years (or fall odd years)

LAS 6938 Political Economy Prof: Martinez Novo

The class explores anthropological and ethnographic writings on capitalism, neoliberalism and post-neoliberalism, labor, production and consumption, and discusses how to apply a political economy lens to our field-based research projects. The course locates the political economy current within the critical anthropological debates that started in the 1970s. Work on Latin America and by Latin Americans figured prominently in this theoretical current. The class examines classic works that combined history and political economy to understand the uneven geographic expansion of capitalism in the Americas. Then, it discusses ethnographic understandings of neo-liberalism as an economic regime, a regime of governance, and a technology of power and subject formation. Finally, it considers the successes and failures of anti-neoliberal struggles and post-neoliberal experiments in the region. The class aims to explain the contribution of political economy approaches to Latin American studies and vice versa.

[Syllabus](#)

Course Offering:

RLG 6126 Religion in the America Prof: Wright

The basic objective of the course is to offer a long-range, historical and hemispheric overview of the encounters and exchanges amongst the religions of the Americas. The central guiding questions of the course are: what sort of perspective is entailed by such “a hemispheric view” of the Religions of the Americas? How is such a view distinct from prior perspectives? What methodologies and resources are necessary for constructing and developing a truly hemispheric perspective?

Syllabus:

Course Offering: TBD, likely spring even years