

Course Syllabus

FORS 594

GRAD SEMINAR

AUTUM SEMESTER 2019

Tuesdays 4:00 – 4:50 pm

Location: 106 Forestry

Course Description

The purpose of this seminar is to provide students with the opportunity to attend lectures by specialists within the field of natural resources and have the opportunity to interact with speakers to further expand the level of comprehension of the material shared in seminar. Students will come away from seminar with an increased understanding of complex issues in a diversity of topics across the natural resource sciences. This year we will have a variety of external, invited speakers as well as a number of faculty from within the WA Franke College of Forestry and Conservation (FCFC). Topics covered in this forum include ecological forest management, social network analysis, forest history, agricultural conservation, climate science, to name a few. In addition to the delivery of research seminars, the students will be encouraged to participate in a one hour, post seminar discussion. When available, a published paper on the forthcoming seminar will be provided to students in advance of the seminar. Students are expected to read and come prepared to discuss research and application with faculty, staff, and other students.

Aims and Objectives

1. The module is intended to advance scientific inquiry and discussion with an emphasis on science and application in direct connection to FCFC. The purpose of this seminar series is to improve our shared understanding of current research in the natural resources, management applications in forestry, agriculture and recreation, and a historical look at forestry and conservation. Students will have the opportunity to pursue scientific and casual dialogue with visiting scholars, FCFC faculty, post docs, staff, and students in an attempt to enhance learning opportunities and advance new ideas, concepts and connections. Through this process we hope to simultaneously improve student experience and broaden our collective understanding of sustainable resource management as it integrates with an array of sectors outside of what is traditionally found within the natural resources. Research, application and history covers a broad assemblage of subjects including ecosystems, ecology, sociology, forest management, forest products, soil productivity, recreation, and human dimensions of terrestrial and freshwater environments.
2. This series includes presentations on green architecture, insect ecology, climate science and adaptation, hydrology, and wildlife science and policy.
3. Students will normally have the opportunity to meet casually with the seminar speaker immediately after seminar (at 5:00 to 5:50 pm). The intent is to openly discuss concepts and relationships in natural and human influenced environs and push to develop new concepts and challenge existing assumptions.

Teaching

Seminars: (13 x 1 hour sessions and 1 hour optional discussion session)

Assessment

The course is taught as credit/no credit and will be assessed by a required 90% attendance except under unique circumstances.

Seminar Schedule 2019

Name	Date	Title
Asmeret Berhe, UC Merced	3-Sep	Post-fire transport and persistence of pyrogenic carbon
Hanson Nyantakyi-Frimpong, University of Denver	10-Sep	A political ecology of the biophysical contradictions of climate-smart agroforestry in northern Ghana
Brian Chaffin, FCFC SoCon	17-Sep	Learning more about informal leaders in environmental governance through social network analysis
Jerry Franklin, UW SEFS	24-Sep	Forestry Takes the Fork in the Road. Which Fork Will You Take?
Bob Hall, UM FLBS	1-Oct	Carbon cycling in some streams
Steven Anderson, FHS Duke	8-Oct	A brief history of forestry in the west
John Taliaferro, Author	19-Nov	George Bird Grinnell and the Origins of Progressive Conservation
Solomon Dobrowski, FCFC DFM	22-Oct	A street view of Earth's changing climate
Christiane VonReichert, FCFC GEOG	29-Oct	Return migration to geographically disadvantaged rural communities
Linda Prokopy, Purdue	5-Nov	Adoption of Agricultural Conservation Practices: Can We Move the Needle?
Jeremy Sage, FCFC ITRR GEOG	12-Nov	The Geography of Outdoor Recreation and Tourism in Montana
Cara Nelson, FCFC DECS	15-Oct	Application of Emerging Ideas in Plant Ecology and Evolution to the Selection of Plant Materials for Ecological Restoration
Thanksgiving week	26-Nov	Happy Thanksgiving!
Aijaz Ahmad Qureshi, IUST India	3-Dec	TBA