GreenHouse Spring 2018 Seminars

1) **From Seed to Ground: Planning and Planting the GreenHouse Garden**
   
   **Forest and Wildlife Ecology 375 – Sec 110 – Class Nbr 56064 (1 credit)**
   
   Tom Bryan, Graduate Student and the GH garden and greenhouse manager | tbryan@wisc.edu
   Sarah Jacobsen, Undergrad and GH Program Assistant | sjacobsen2@wisc.edu
   
   **TIME:** Mondays 4:00 - 5:30 pm in the 4th floor Leopold Greenhouse

   Learn to grow for food yourself and for GreenHouse! We’ll start by perusing seed catalogs and introducing you to vegetable species and varieties. We will then plan what to plant where and when in the GreenHouse garden. When our seed order arrives, we will prepare seed flats for planting. From there, we will take care of our growing seedlings in a greenhouse, and transplant them into larger containers when necessary. When the weather warms, we will plant the seedlings in the GreenHouse garden, and direct sow other crops. With luck, we will be eating salads from our own garden by the time classes end! If some of you seriously dig this stuff and are staying in Madison over the summer, there will be an opportunity to do an internship caring for the garden over the summer. Get your thumbs green(er)!

2) **How Profit (and you!) Can Change the World**
   
   **Forest and Wildlife Ecology 375 – Sec 111 – Class Nbr 56065 (1 credit)**
   
   Jane McCurry, Undergrad in Business Administration, Executive Director of WI Microfinance | jmccurry@wisc.edu
   
   **TIME:** Tuesdays - 4:00 – 5:00

   In a time of little federal support for environmental initiatives, who can we look toward to create positive change for the environment? This seminar will make the case for business sustainability and try to prove that business is already leading in sustainability. We will learn about our power as consumers and individuals to make an impact on our communities. Students will also have the opportunity to hear from many guest speakers and engage in real-world sustainability projects in Dane County and beyond.

3) **From Tree to Stool: Crafting Useful Objects with Urban Wood**
   
   **Forest and Wildlife Ecology 375 – Sec 112 – Class Nbr 56066 (1 credit)**
   
   Jack Zarovy, owner and founder of Genlore Lightcraft | jack@genlorelightcraft.com
   Lauren Kenney, professional furniture maker
   
   **Time:** Wednesdays 3:30 – 5:00

   Humans have used the trees growing around them to produce useful objects for thousands of years. In this course, students will learn how local (urban) trees become seasoned lumber and then work themselves to create practical, useful objects. The course will begin with a field trip to a local sawmill to see how trees are harvested, sawn, and dried. There will also be plenty of shop time, where students will use fundamental hand tools and light power tools to produce a stool, table, or cruiser skateboard using traditional and contemporary methods.
4) The Intersection of Sustainability and Social Justice: How to be Part of the Solution
Forest and Wildlife Ecology 375– Sec 113– Class Nbr 56067 (1 credit)
Tracy Harvey and Justyn Huckleberry: PhD candidates in the Nelson Institute | tharvey4@wisc.edu
jhuckleberry@wisc.edu
Time: Wednesdays 5:00-6:00

This course will explore the intersections of sustainability and social justice with a focus on where sustainable technologies and practices benefit minorities and where they do not. This course will offer practical steps that we can take in our everyday lives to minimize the strain on our resources and rectify inequity in our communities. Potential discussion topics include: the effect of the Kyoto Protocol's Clean Development Mechanisms on rural people in Brazil and China; the clean energy life cycle and comprehensive impacts on the world's minorities and poor; how can we incorporate sustainability into the world's mega slums?; and sustainable solutions for equitable natural disaster recovery.

5) Sustainability in a Globalized World
Forest and Wildlife Ecology 375– Sec 114– Class Nbr 56068 (1 credit in spring, 1 in summer, see below)
Alan Turnquist, GreenHouse Program Coordinator, and invited guest lecturers | alturnquist@wisc.edu
TIME: Thursdays 4:00-5:00pm in Leopold Classroom + trip to Nicaragua, on or around 5/12 – 5/24

Ever wonder about how our consumption choices here affect people and environments in the country that produced the goods we use? Or, perhaps, about why improving livelihoods in developing countries is such a puzzle? How is global climate change an environmental justice issue? How does society address these global challenges? This course will challenge students to consider these global sustainability questions. Content will focus on Latin America, and up to 10 students will get the opportunity to travel to Nicaragua after finals in the spring. The classroom component will be 1 credit, and the study abroad component will be a separate 1 credit component (do not need to pay for summer credits). Students may take the classroom component and chose not to travel, but all students who do the study abroad component must satisfy the classroom requirements. Spanish language helps, but is not required. Students will pay an estimated course fee of $1,300 for the study abroad (covers everything, including flights). Financial support may be available.

For planning purposes, please contact Alan by December Finals if you are considering taking this course (no commitment needed).

6) Race, Ethnicity, and Disasters in the United States
Forest and Wildlife Ecology 375– Sec 115– Class Nbr 56069 (1 credit)
Lauren Jorgensen, Undergraduate Student in Agronomy, Community & Environmental Sociology and GreenHouse PA | ljorgensen3@wisc.edu
Time: Fridays 2-3:30pm

Passionate about social justice and want the opportunity to learn about it in an environmental context? Curious about why and how governmental response to hardship in the United States varies across racial groups? In efforts to answer these questions, we will explore problems in relief response, emergency food, and environmental racism. This course consists of faculty presentations, thought-provoking readings, and a final case study about a recent disaster. The goal of this course is to provide the opportunity for students to learn more about the intricacies of disaster efforts, and be able to advance a comprehensive discussion about current, domestic issues.