From Seed to Ground: Controlled Environment Agriculture

Course details: Forest and Wildlife Ecology 375 LEC 006, 1 credit
Day/Time: **Mondays 3:30 - 5:00 pm**, in-person
Location: Classroom (Leopold Hall B112) and Greenhouse (Leopold Hall 405)
Enrollment cap: 15
Instructor: Tom Bryan Ph.D. (he/him), *tbryan@wisc.edu*, greenhouse supervisor for 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 the greenhouse. As we wait for the weather to warm, we will experiment with indoor crop production using primarily hydroponic methods. We will eventually plant the seedlings in the GreenHouse garden, and direct sow other crops. With luck, we will be eating salads from the greenhouse 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)!

From Tree to Stool: Crafting with Urban Wood

Course details: Forest and Wildlife Ecology 375 LEC 007, 1 credit
Day/Time: **Wednesdays 3:30-5:30pm**, in-person
Location: Program Room (Leopold Hall B130) and Classroom (Leopold Hall B112)
Enrollment cap: 8
Content Experts: Lauren Kenney (she/her), professional furniture maker; Jack Zarovy (he/him), *genlorewoodcraft@gmail.com*, owner and founder of Genlore Lightcraft
Instructor of Record: Dr. Tim Van Deelen

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. There will be plenty of shop time, where students will use fundamental hand tools and light power tools to produce a three-legged stool using traditional and contemporary methods. Students will work on projects during class time, as homework, and on other class work days, as scheduled.
**Stitching Sustainability: An Introduction to Mending**

Course details: Forest and Wildlife Ecology 375 LEC 008, 1 credit
Day/Time: **Tuesdays 4:00-5:30**, in-person
Location: Program Room (B130 Leopold Hall)
Enrollment cap: 10
Content Expert: Abby Sharp (they/them), aesharp2@wisc.edu, former GreenHouse resident and B.S. student in Textiles and Fashion Design
Instructor of Record: Dr. Tim Van Deelen

Have you wondered what you can do to improve the sustainability of your wardrobe? One way is to learn how to repair your clothes! In this seminar, we will cover the basics of hand sewing and how it can be used to mend clothing. By the end of the semester, you'll have the ability to replace buttons, sew on patches, fix the holes in your favorite socks, and more! We will combine hands-on mending with personal and academic discussion to get inspired about how we can use the practice of mending as a model to improve many parts of our lives.

**Beekeeping 101: An Introduction to Local Pollinators**

Course details: Forest and Wildlife Ecology 375 LEC 010, 1 credit
Day/Time: **Tuesdays 4:00-5:30pm**, in-person
Location: Classroom (B112 Leopold Hall)
Enrollment cap: 10
Content Expert: Lucas LoBreglio (he/him), lobreglio@wisc.edu, former GreenHouse resident and B.S. student in Environmental Science and Community and Environmental Sociology
Instructor of Record: Dr. Tim Van Deelen

Have you ever wondered how that magical substance called honey is made, or why pollinators are so important? Has the thought of fostering your own colony of little pollinators ever appealed to you? You’ve come to the right place! This course will employ a multidisciplinary approach to learning about bees and will give you all the knowledge you need to become a beekeeper. We will also take a deep dive into local pollinators and learn what we can do to support them, with some help from local experts. Come join us for a hands-on experience that will give you a new appreciation for all the buzzing happening around you! Bonuses include honey samples, beeswax crafts, and *that* movie. Expect to spend some time outside and with honey bee hives over the course of the semester.
Eco-expiration: Sustainability and the Good Death

Course details: Forest and Wildlife Ecology 375 LEC 009, Class Nbr 81455, 1 credit
Date/Time: TBD, in-person
Location: Classroom (B112 Leopold)
Enrollment cap: 10
Content Expert: Joyce Riphagen, riphagen@wisc.edu, former GreenHouse resident and B.S. Student in Conservation Biology and Journalism
Instructor of Record: Dr. Tim Van Deelen

Death is inextricably entwined with life. The aftershocks of a death ripple through ecosystems both cultural and ecological. In this course, we will broadly explore what it means to die a good death, and how death and deathcare can be made more environmentally friendly and emotionally meaningful. We will combine scientific, historic, and cultural analyses of death, investigating personal feelings and opinions about death rituals and practices around the world, with an additional focus on the dying experience of marginalized peoples. The class will include field trips and time in nature.