time         M/W  11:00-12:50am
location     Lawrence Hall rm 231 / outside walks most days.
credits      4
instructor   Kelly Densmore
             office: office hours by appointment, location TBA
             email: kellyd@uoregon.edu

class description  Spring plants seminar focuses on flowering plants, their identification
                   and design use, and the ecosystem services they provide. It is open to
                   all majors. Plant identification focuses on flowering trees and shrubs,
                   groundcovers and perennials, with the intention of understanding how
                   flowering plants may be used in design to support both human needs
                   and ecosystem functions. Sketchbook/Journal assignments will help
                   students learn to identify plants via flower morphology and practice a
                   series of short planting design investigations.

Field Trips will introduce students to a variety of design scales with the
underlying theme of designing climate resilient landscapes with eco
system services in mind. Field trip sites may include a residential tour, a
community garden and a native plant restoration site. The four catego-
ries of ecosystem services are:
SPRING PLANTS:
PLANTS FOR ECOSYSTEM SERVICES

- Supporting services - such as soil formation and nutrient cycling;
- Provisioning services - including the food, fuel, fiber and medicines we collect from natural and managed ecosystems;
- Regulating services - stormwater management and climate regulation, carbon sequestration, and pollination;
- Cultural services - the beauty of the outdoors and the recreational, therapeutic, educational and spiritual roles of plants in human quality of life.

The final project will be a fully developed planting plan practicing one of the themes we have covered in class or students may propose an independent study based on their major or studio project. Themes include but are not limited to stormwater gardens, phytoremediation, pollinator gardens, green roofs, color-based design, perennial edibles, or sustainability such as drought tolerant, native and native analogue for climate change, restoration.

Upon completion of the course with a satisfactory grade, students will be able to:
- correctly identify and name around 50-100 plants
- understand how flowers and fruit help distinguish plant families
- apply basic color theory to planting designs
- evaluate plant combinations and correct poor combinations
- design a space the celebrates/enhances/explores one or more of the ecosystems services categories
- produce a seasonally balanced plant list and a fully labeled planting plan


Tentative Schedule - subject to change!

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<th>Monday</th>
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| 4/3 Intro + Plant id. walk | 4/5 Color Theory
                                                  Flower morphology
                                                  Read Green Infrastructure |
| 4/10 Plant id. walk JOURNAL 1 due | 4/12 Planting Design Theory
                                                  + Planting Plan Mechanics |
| 4/17 Plant id. walk     | 4/19 Plant id. walk
                                                  Read Emerging Landscapes |
| 4/24 TEST #1            | 4/26 FIELD TRIP - Residential Design tour                                 |
| 5/1 Plant id walk JOURNAL #2 due | 5/3 Plant id walk |
| 5/8 Plant id walk DESIGN PROPOSALS due | 5/10 FIELD TRIP - Grassroots Garden
                                                  Read Phyto Chapter 1 |
| 5/15 Plant id walk      | 5/17 Plant id walk |
| 5/22 GREENROOFS in Classroom Plant id. walk | 5/24 PLANTING PLAN REVIEW/PRESENTATIONS
                                                  Meet in classroom |
| 5/29 FIELD TRIP - Restoration | 5/31 LAST Day - TEST #2 |

6/5 REVIEW WEEK, NO CLASS

6/12 Optional Test #3 Wednesday June. 14, 10:15 am

Note: Field trips subject to change. Check your email prior to departing for meeting location. Students are responsible for getting to location; no van transportation will be provided. Field trips allow for travel time.
SPRING PLANTS:
PLANTS FOR ECOSYSTEM SERVICES

Grading is based on percent achievement of 450 total points possible: the best two out of three tests (100pts/ea = 200 points), a two-part planting design final project (120 pts combined), two journal assignments (50 pts/ea. = 100 pts) and field trip attendance (10 pts/ea = 30 pts). Grading rubrics for each assignment to be provided in course packet along with assignment detail. The grading scale is:

100 % = A+ 86-89 = B+ 76-79 = C+ 66-69 = D+
94-99 = A 84-85 = B 74-75 = C 64-65 = D
90-93 = A- 80-83 = B- 70-73 = C- 60-63 = D-
59 and below = NP

Recommended supplies:
‘Prismacolor’ colored pencils, ‘Rite in the Rain’ all-weather writing paper, 5x/10x hand lens, approximately 8.5x11” sketchbook.
All of these items may be purchased at the bookstore.

Required books, for use during class and to complete assignments:
Spring Plants Reader, compiled by Ann Bettman, AricaDuhrkoop-Galas and Kelly Densmore
Plants of the Pacific Northwest Coast, Pojar and Mackinnon
Both of these items may be purchased at the bookstore.

Recommended books, for use as additional resources:
Several books have been ordered for Spring term and are available at the bookstore. They are all optional, but we feel they would be particularly helpful to this class and your design work. Select which books you might buy based on your own personal focus and ask if you need guidance. Out of print books may be found online.
Herbaceous Perennial Plants, Armitage
Flower Finder, A guide to identification of spring wildflowers and flower families, Thielguard Watts.
Designing with Plants, Oudolf and Kingsbury
Landscape Graphics, Reid
The California Wildlife Habitat Garden, Bauer
Pocket Guide to Ornamental Grasses, Darke
The Encyclopedia of Grasses for Livable Landscapes, Darke
Field Guide to Trees of North America, Kershner for National Wildlife Federation
The Sibley Guide to Trees, Sibley
Trees for Green Streets, Portland Metro
Flora of Oregon, Meyers, Jaster, Mitchell, Hardison, Eds.

Students With Disabilities
If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with one of us soon. Please request that the Counselor for Students with Disabilities send a letter verifying your disability.

Academic Honesty Policy
All work submitted should be your own and originally produced for this course. While there will be times when students are encouraged to work together and assist one another, each student is expected to complete his or her own work individually. Violations will be taken seriously and are noted on disciplinary records.

Highest professional standards will be expected and maintained throughout the term. Active in-class participation and progress is very important and is part of a passing grade. This includes research, preparation for and participation in class activities, respecting the rights and property of others, working cooperatively with other students, and completing assignments on time.

Students are expected to attend each session for the full time allotted. Absences beyond that allowed in this policy will require prior approval (only for things like medical emergencies, family bereavement, etc.); Attendance is taken on field trips, and points will be lost for any absences.

Projects are due on or before the beginning of the class period of listed due dates, unless otherwise noted. Email the instructor as soon as you can if anything may prevent you from meeting a deadline as scheduled.

Please retain copies of all work submitted and the original copy of all work returned to you during the term until the final course grade has been posted. In the event of any question concerning whether grades have been accurately recorded, it is your responsibility to provide these copies as documentation. Please retain all work, both progress and final, in a digital format. The instructor will inform you when and how to submit this work for archiving during the course of the quarter.

Please set your cell phone on silent during class time. You are welcome to use your smartphone for research purposes provided it does not become a barrier or distraction to your and your classmates' education or the ability of the instructor to teach.

The University’s Teaching and Learning Center (TLC) provides various programs, workshops, courses, tutors, and mentors to aid you in your coursework at the University of Oregon. The University Student Conduct Code (available at conduct.uoregon.

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academic integrity

edu) defines academic misconduct. Students are prohibited from committing or attempting to commit any act that constitutes academic misconduct. By way of example, students should complete their own work and not give or receive unauthorized help on assignments without express permission from the instructor. Students should properly acknowledge and document all sources of information (e.g. quotations, paraphrases, ideas) and use only the sources and resources with integrity. If there is any question about whether an act constitutes academic misconduct, it is the students’ obligation to clarify the question with the instructor before committing or attempting to commit the act. Additional information about a common form of academic misconduct, plagiarism, is available at:
http://library.uoregon.edu/guides/plagiarism/students/index.html

accessibility

The University of Oregon is working to create inclusive learning environments. Please notify me if there are aspects of the instruction or design of this course that result in disability-related barriers to your participation. You are also encouraged to contact the Accessible Education Center (formerly Disability Services) in 164 Oregon Hall at 541-346-1155 or uoaec@uoregon.edu.

diversity and equity

The University of Oregon is dedicated to the principles of equal opportunity and freedom from unfair discrimination for all members of the university community and an acceptance of true diversity as an affirmation of individual identity within a welcoming community. This course is committed to upholding these principles by encouraging the exploration, engagement, and expression of distinct perspectives and diverse identities. We will value each class member’s experiences and contributions and communicate disagreements respectfully. Please notify me if you feel aspects of the course undermine these principles in any way. You may also notify the Department of Landscape Architecture at 541.346.3634 or at landarch@uoregon.edu. For additional assistance and resources, you are also encouraged to contact the following campus services:

Office of Equity and Inclusion, 1 Johnson Hall, 541.346.3175
http://oied.uoregon.edu

Center on Diversity and Community, 54 Susan Campbell Hall, 541.346.3212, http://codac.uoregon.edu

Bias Response Team, 164 Oregon Hall, 541.346.1134, brt@uoregon.edu, http://bias.uoregon.edu