



time MW 10:00-11:50am  
F 9:00-11:50am

location Lawrence Hall room 278, routes beginning in Lawrence Hall courtyard

credits 4

instructor Arica Duhrkoop-Galas  
office: Lawrence Hall 212, office hours by appointment  
or casual drop-ins immediately before and after class times  
email: [aricad@uoregon.edu](mailto:aricad@uoregon.edu)

class description *Materials I is the first of the three-term long materials and landform sequence. Each quarter has a different focus and the first is an introduction to plants from the point of view of the landscape architect or architectural designer. We focus this term on native plant communities and deciduous trees. The Monday and Wednesday classes are taught out-of-doors on campus, and the first five three-hour Friday classes are local plant communities field trips. The class is limited to majors only and is prerequisite for the rest of the sequence. The course will weave together the threads of plant ID, plant culture, selection, planting design and restoration. Plant identification focuses on deciduous trees and shrubs, groundcovers and perennials, with the intention of understanding what plants thrive in various conditions and how plants may be used in design to support both human needs and ecosystem functions.*

# MATERIALS I

assignments *Sketchbook/Journal assignments will help students learn to identify plants via leaf morphology, bud and twig characteristics, and fruit, as well as practicing a series of drawing exercises and tracking fall color through the quarter. Assignments may be customized to suit various fields of study, for specific majors. Contact instructor prior to enrollment.*

*Field Trips will introduce students to a variety of ecotypes and design scales while learning to read the landscape to determine underlying conditions specifically focusing on soils, hydrology, and topography.*

final project The final project will be a natural area map exploring plan view graphics and practicing plant identification in the field, while representing native woodland canopy layers and vegetative massing. MLA students will also prepare a written restoration recommendation report.

learning outcomes By the end of the term, students should feel confident identifying and botanically naming 95% of the native trees, 85% of the native shrubs and 70% of the ornamental trees commonly found in the Willamette Valley.

The class will focus on learning to identify plants in the field by habitat, fall color, winter bud and silhouette. In addition to identification skills, students will gain an understanding of cultural requirements of the plants and design attributes. Students will become familiar with typical native plant communities and understand basic ecological relationships.

required books Required books, for use during class and to complete assignments:  
Plants of the Pacific Northwest Coast, Pojar and Mackinnon

Strongly recommended: The Tree Book, Dirr & Warren

recommended books For use as additional resources, several books 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 books based on your own personal focus and ask if you need guidance. Out of print books may be found online. (Also see bibliography in course packet)

Landscape Graphics, Grant Reid

Pocket Guide to Ornamental Grasses, Darke

Field Guide to Trees of North America, Kershner for NWF

Northwest Trees, Arno and Hammerly

The Sibley Guide to Trees, David Allen Sibley

Trees to Know in Oregon, Herring

The Encyclopedia of Grasses for Livable Landscapes, Darke

Trees for Green Streets, Portland Metro

# MATERIALS I

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.*

## tentative schedule

Monday (10:00-11:50)	Wednesday (10:00-11:50)	Friday (9:00-11:50)
9/30 Intro & plants	10/2 plants Read: A Botanical Primer	4 Field trip- Alton Baker riparian Read: Green Guide pp7-67
7 plants <b>journal assignment #1 due</b>	9 plants	11 Field Trip- Skinner Butte Read: Green Guide pp77-99
14 <b>Test #1</b>	16 plants Natural History Museum	18 Field Trip- Mount Pisgah Read: A Soil Primer
21 plants <b>journal assignment #2 due</b>	23 plants	25 Field Trip- Amazon woodland practice measuring/ DBH/ canopy
28 <b>Test #2</b>	30 plants	11/1 Field Trip- urban forest practice drawing trees
4 plants <b>journal assignment #3 due</b>	6 plants	8 Workshop: map graphics Workshop: map graphics
11 NO CLASS Veterans Day	13 <b>Test #3</b>	15 Lecture: Soils /Planting
18 plants <b>color calendar due</b>	20 plants	22 Review Natural Area Mapping project
25 <b>Test #4</b>	27 No Class Thanksgiving Holiday	29 No Class Thanksgiving Holiday
12/2 .....Review Week– no classes .....		

**10:15, Tuesday December 5 MLA Writing assignment due**

**10:15, TBA per university exam schedule Test #5 (optional if no other tests missed/failed)**

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 to and from campus and conclude in allotted Friday class time.

# MATERIALS I

grades	<p>BLA grading is based on percent achievement of 600 total points possible: the best four out of five tests (400 points), Natural Area Mapping group project (100 points), and the four journal assignments (80 points). MLA grading adds to the above a written field trip response (10 points) and a group restoration recommendation (10 points). Test scores must average 65 or better to pass the class. Grading rubrics for each assignment to be provided in course packet along with assignment detail. The grading scale is:</p> <table><tr><td>100 %= A+</td><td>90-91= B+</td><td>81-82= C+</td><td>72-73= D+</td></tr><tr><td>94-99= A</td><td>85-89= B</td><td>76-80= C</td><td>67-71= D</td></tr><tr><td>92-93= A-</td><td>83-84= B-</td><td>74-75= C-</td><td>65-66= D-</td></tr><tr><td></td><td></td><td></td><td>64 and below= NP</td></tr></table>	100 %= A+	90-91= B+	81-82= C+	72-73= D+	94-99= A	85-89= B	76-80= C	67-71= D	92-93= A-	83-84= B-	74-75= C-	65-66= D-				64 and below= NP
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			64 and below= NP														
disabilities	<p>Students With Disabilities If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with the instructor within the first two weeks of class. Please request that the Counselor for Students with Disabilities send a letter verifying your disability.</p>																
expectations	<p>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.</p> <p>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.</p>																
attendance policy	<p>Students are expected to attend all classes and arrive promptly. Everyone in the class should participate in class discussions and reviews and turn in assignments on time. Absences beyond that allowed in this policy will require prior approval (only for things like medical emergencies, family bereavement, etc.). If you are feeling ill please do not come to class. Students with visible flu-like symptoms will be asked to leave. Contact the instructor for any for online resources and accommodations to stay on track. It is the responsibility of students to catch up on materials missed.</p>																
COVID	<p>Refer to UO requirements for vaccinations and campus closures.</p>																