

TCORE 110: Forest science and management in the Pacific Northwest

T/Th 12:50-2:55 pm; DOU 270

Instructor: Maureen C. Kennedy
Phone: (253) 692-4981

Office: SCI 102E
e-mail: mkenn@uw.edu

Office hours: If you find yourself having difficulty with a concept, an assignment, or in preparing for an exam, office hours are your best opportunity to increase your chances of success! There are two office hours in the week, and the instructor is also available by appointment.

Tuesday 11:30 am - 12:30 pm (Teaching and Learning Center, 2nd floor Snoqualmie; **SNO 260**)

Wednesday 11:30 am – 12:30 pm (**SCI 102E**)

Or by appointment (strongly encouraged!)

E-mail: Any e-mail received by the instructor before 4 pm on a business day will be returned that day. Otherwise it will be returned no later than the next business day. **Students are required to use their UW e-mail account for all course correspondence.** This **excludes** all personal accounts including gmail, yahoo, and outlook. All messages initiated via Canvas satisfy this e-mail policy. http://www.tacoma.washington.edu/policies_procedures/E-mail_Policy.pdf

Course webpage: We will use Canvas as our online course management program (canvas.uw.edu). Your instructor will post lecture notes (.pdf), readings, assignment descriptions, helpful links, etc. to the course site. Assignments will also be submitted for grading through the Canvas site. Click on the help link posted on the Canvas home page if you need help using this course management system.

Course Description: Forests in the Pacific Northwest region of the United States (including the states of Washington and Oregon) provide many resources: economic benefits, timber and wood products, recreational opportunities, wildlife habitat, water supply and water quality, and cultural and aesthetic resources. Managing these multiple resources under stresses such as land use change, resource extraction, disturbance, and climate change requires the integration of policy decisions with scientific research and knowledge. This knowledge spans scales from leaves, to trees, to forest systems, and is acquired out in the field, in the laboratory, and on the computer. In this class we will learn the current state of knowledge of forests, as well as the methods used to obtain that knowledge.

Readings: There is no textbook required for this class. All class readings will be made available on the Canvas course webpage, or on reserve in the library. Readings for each week will be announced and posted in the week prior. Students are expected to complete the readings before class.

Field Trips: There will be two **mandatory** field trips to Point Defiance Park during the quarter. These will be held during class time (12:50 - 2:55 pm) on October 6 and November 22. You will be required to complete an assignment following each field trip. Details for each field trip will be posted on Canvas no later than one week before the trip.'

Calculator: You are required to have a calculator for this course capable of performing basic arithmetic. The recommended calculator for this class is the **TI-36X Pro**. If you already own a calculator and are unsure if it meets the requirements, please consult the instructor. Note, for exams no calculator that can connect to the internet will be allowed.

Computers: We will occasionally use computers to complete class exercises. These days will be announced in advance. Personal laptops are NOT required, but you may bring your own computer if you so choose. If you do not own a personal computer one can be borrowed from the computer lab in WG 108. <https://www.tacoma.washington.edu/checkout/>

TCORE 110: Forest science and management in the Pacific Northwest

T/Th 12:50-2:55 pm; DOU 270

Grading: Your final grade will be determined by your performance on the following:

Assignments (in class and at home)	40%
Quiz	5%
Mid-term	15%
Lecture Participation	5%
Final Project	15%
Final Exam (in class)	20%

Assignments: Assignments will be a mixture of Canvas-based assignments (“quizzes”) and long-form assignments that are to be submitted in Canvas (pdf only!). Long-form assignments will involve classroom activities, and will be worked on both in class and at home. Make sure to read each assignment description before departing class and ask your instructor for clarification if needed. Assignments are to be completed individually, unless otherwise stated. Electronic submissions in Canvas must be *.pdf if not directly entered as text into the Canvas web page. Make sure to practice exporting documents in the pdf format the first week of class. Graded assignments cannot be resubmitted for a grade increase. See the updated calendar in Canvas for assignment due dates. Note that your lowest score on a canvas quiz AND on a long-form assignment will be dropped.

Quiz: There will be one in-class quiz at the beginning of the quarter (20 minutes) on Thursday October 20. After the quiz we will take a break, then continue with the lecture. No quiz absences will be accepted except under extreme circumstances and with advance notice.

Midterm: There will be one midterm exam (50 minutes) on **Thursday November 3**. After the midterm we will take a break, then continue with the lecture. No midterm exam absences will be accepted except under extreme circumstances and with advance notice.

Lecture Participation: Throughout the quarter we will engage in activities during class. Your participation in each activity will be noted and count towards your participation credit. We will also use clicker questions to assess learning and participation. Clickers will be provided by the instructor.

Final Project: Your final project will be a group presentation that will be given the final week of class. Details will be provided on Canvas and in class.

Final Exam: The final exam will be held in DOU 270 on Tuesday, December 13 (12:50 – 2:55 pm). No absences from the final exam will be tolerated. The final exam will be comprehensive, covering all material in the class.

TCORE 110: Forest science and management in the Pacific Northwest

T/Th 12:50-2:55 pm; DOU 270

CORE The Core program consists of a coordinated series of courses that represent the various disciplines in the university. This course, along with the others in your cohort, fulfills one of the university's general education requirements in each of the areas of knowledge plus composition. The courses are designed to both support and challenge you to develop the critical thinking, writing, research, and analytical skills you'll need at UWT while introducing you to relevant topics in the social sciences, humanities, and sciences.

STUDENT LEARNING OBJECTIVES

ABILITY TO APPLY THE PROCESS OF SCIENCE

- Understand science is evidence based and grounded in the formal practices of observation, experimentation, and hypothesis testing
- Understand and apply basic principles in experimental design
- Identify problem-specific methodologies
- Gain hands-on experience collecting data to draw conclusions
 - Observations and procedures– importance of documentation
- Evaluate scientific information and the methods used to generate the information

ABILITY TO USE QUANTITATIVE REASONING

- Understand that mathematics underpins science
- Generate and interpret tables and graphs

ABILITY TO UNDERSTAND THE RELATIONSHIP BETWEEN SCIENCE, MATH AND SOCIETY

- Understand science/math as a human endeavor in which all people can participate
- Understand how societal issues influence the direction of science and math
- Understand how science and math influence our everyday lives
- Build a sense of civic responsibility

COMMUNICATION/SELF EXPRESSION

- Formulate an original thesis-driven argument and sustain it in both written and verbal communication.
- Express ideas clearly in writing and speaking in order to synthesize and evaluate information before presenting it.
- Identify, analyze, and summarize/represent the key elements of a text.

GLOBAL PERSPECTIVE

- Think outside of cultural norms and values, including their own perspectives, to critically engage the larger world.

TCORE 110: Forest science and management in the Pacific Northwest

T/Th 12:50-2:55 pm; DOU 270

Grade Scale: The University of Washington uses a numerical grading system. At the undergraduate level, instructors may report grades from 4.0 to 0.7 in 0.1 increments, and the grade 0.0. The number 0.0 is assigned for failing work or an unofficial withdrawal. Numerical grades may be considered equivalent to letter grades as follows:

Letter Grade	Decimal Grade	Percentage
A	4.0	95-100%
	3.9	94%
A-	3.8	93%
	3.7	92%
	3.6	91%
	3.5	90%
B+	3.4	89%
	3.3	88%
	3.2	87%
B	3.1	86%
	3.0	85%
	2.9	84%
B-	2.8	83%
	2.7	82%
	2.6	81%
	2.5	80%

Letter Grade	Decimal Grade	Percentage
C+	2.4	79%
	2.3	78%
	2.2	77%
C	2.1	76%
	2.0	75%
	1.9	74%
C-	1.8	73%
	1.7	72%
	1.6	71%
	1.5	70%
D+	1.4	69%
	1.3	68%
	1.2	67%
D	1.1	66%
	1.0	65%
	0.9	64%
D-	0.8	63%
(lowest passing grade)	0.7	60-62%
E (no credit earned)	0.0	0-59%

Library

The Tioga Library Building (TLB) provides resources and services to support students at all levels of expertise. For assistance or to schedule an appointment, visit the Reference Desk in the Library, email tacref@u.washington.edu or phone 253-692-4440. For more information about the Library and its services, see <http://www.tacoma.uw.edu/library>

Teaching and Learning Center (TLC):

The Teaching and Learning Center (TLC) offers free academic support for students at all levels. For writing, reading, learning strategies and public speaking needs, please make an appointment from the TLC home page. The TLC is located on the 2nd floor of the Snoqualmie Building. For math, stats and quantitative needs, assistance is available on a drop-in basis.

TCORE 110: Forest science and management in the Pacific Northwest

T/Th 12:50-2:55 pm; DOU 270

Student Counseling Center (SCC): The Counseling Center offers short-term, problem-focused counseling to UW Tacoma students who may feel overwhelmed by the responsibilities of college, work, family, and relationships. Counselors are available to help students cope with stresses and personal issues that may interfere with their ability to perform in school. The service is provided confidentially and without additional charge to currently enrolled undergraduate and graduate students. To schedule an appointment, please call 692-4522 or stop by the Student Counseling Center (SCC), located in MAT 253. Additional information can also be found by visiting:

http://www.tacoma.washington.edu/studentaffairs/SHW/scc_about.cfm

Disability Support Services (DSS):

The University of Washington Tacoma is committed to making physical facilities and instructional programs accessible to students with disabilities. Disability Support Services (DSS) functions as the focal point for coordination of services for students with disabilities.

In compliance with Title II of the Americans with Disabilities Act, any enrolled student at UW Tacoma who has an appropriately documented physical, emotional, or mental disability that “substantially limits one or more major life activities [including walking, seeing, hearing, speaking, breathing, learning and working],” is eligible for services from DSS. If you are wondering if you may be eligible for accommodations on our campus, please contact the DSS reception desk in MAT 354 at 692-4522, or visit

http://www.tacoma.washington.edu/studentaffairs/SHW/dss_about.cfm

Electronic Devices:

Electronic devices (including, but not limited to, cell phones, pagers, laptops and personal digital assistants) may only be used in the classroom with the permission of the instructor. Activities that are not relevant to the course, such as checking/sending email, playing games, and surfing the web, are considered disruptive activities when class is in session.

Inclement Weather:

In the event of inclement weather please visit the website for determining whether the campus is open and if class will be held as scheduled. I will post any course-specific information in MyStatLab. It is important to remember that safety should always be considered when deciding whether it is advisable to attend classes during periods of inclement weather.

<http://www.tacoma.washington.edu/security/alert/students.cfm>

Academic Honesty:

Cheating is a serious offense and will not be tolerated. Follow the link for more information.

<http://www.tacoma.uw.edu/enrollment-services/academic-honesty>

Any changes made to this syllabus will be announced in class.