

ESS/OCEAN 230
RIVERS AND BEACHES (3/5 CREDITS)
2015

TIME & PLACE:

Lecture:	Tu & Th	1:30 - 2:50	Room 014, Ocean Teaching Building
Lab (for 5 credits)	Th	3:00 - 4:20	Room 014, Ocean Teaching Building

INSTRUCTORS

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TEACHING ASSISTANT

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COURSE FEE: \$30/\$50 for 3/5 credits

WEBSITE: <http://gis.ess.washington.edu/grg/courses/ess230/index.html>

Date	Lecture	Lab
10/01	Course Introduction; Beyond the Beach (CN)	Intro to Nisqually trip
10/06	Mountains: weathering, soils, erosion I (SS)	
10/08	Field Trip A1 - Nisqually River - glacier to delta	
10/13	Mountains: weathering, soils, erosion II (SS)	
10/15	Field Trip A2 - Nisqually River - glacier to delta	Report A1 due
10/20	Marine Sedimentation: particles, transport I (CN)	
10/22	Marine Sedimentation: particles, transport II (CN)	Report A2 due, Discuss Nisqually trip, Intro to Olympic trip
10/27	Rivers: Materials and Sed Transport (SS); Estuaries: intro (CN)	
10/29	Field Trip B - Olympic Peninsula rivers and beaches	
11/3	Estuaries: processes, sedimentation (CN); Puget Sound (CN)	
11/5	Exam prep; Mid-Term Exam	Report B due, Discuss Olympic trip, Intro to PS cruise
11/10	Beaches: processes, sedimentation, in Washington I (CN)	
11/12	Field Trip C - Puget Sound cruise	

11/17	Rivers: bedrock, alluvial, floodplains I (JB, SS)	
11/19	Rivers: bedrock, alluvial, floodplains II (SS)	Report C due, Discuss PS cruise
11/24	Beaches: processes, sedimentation, in Washington II (CN)	
11/26	THANKSGIVING HOLIDAY	
12/01	Channel Response (SS)	
12/03	River Restoration (SS)	
12/08	Deltaic Sedimentation and Human Impacts (CN)	
12/10	Exam prep; Final Exam	

GRADING

For 3 credits: midterm = 40%; field trip/report = 20%; final exam = 40%

Participation in Field Trip A is required

For 5 credits: midterm = 35%; field trip/reports = 30%; final exam = 35%

Participation in all Field Trips is required

Field-Trip Reports are due on or before dates indicated in schedule; there is no credit for late reports.

Please Note - The course puts a high premium on the learning that comes from field observations. Participation in field trips is required to get credit for field trips.

There are no make-up trips or extra work to substitute for trips. If you miss one, your options are the following:

3-credit registrants who miss Field Trip A can: 1) take a zero for the field trip; or 2) drop the course;

5-credit registrants who miss a trip can: 1) drop to 3 credits; 2) take a zero in the missed trip; or 3) drop the course.

Field trips will be held on Thursdays. If you need a note explaining absence from another class, contact Chuck **at least one week before the field trip.**

Contact Jonathan Beyeler (beyeler@uw.edu) to sign-up for Field Trip A1 (held 8 October) OR Field Trip A2 (held 15 October). Reservations will be limited for each day, and will be accepted on a first-come basis.