

**Syllabus for Limnology: Inland Water Ecosystems Fall 2016**

**EVSC 4290/7290**

Date	Day	Topic	Reading 1	Reading 2
8/24/2016	W	Limnology Introduction	Kalff (pp 1-10)	
8/26/2016	F	Lake Ecosystems	Lewis	Lewis
8/29/2016	M	River/Stream Ecosystems	Bukavecas	Fisher & Sponseller
8/31/2016	W	Water & Water Resources	Downing & Duarte	
9/2/2016	F	<b>Project: Description, Examples, Homework</b>		
9/5/2016	M	Hydrology, Watersheds, Water Budgets	Narasimhan	
9/7/2016	W	Lakes: Origins and Morphometry	Branstrator	
9/9/2016	F	Light in Water	Morris	
9/12/2016	M	Temperature/Mixing/Stratification	Boehrer & Schultze (pp. 583-588)	
9/14/2016	W	Water Movements	Kalff Chpt 12	
9/16/2016	F	Oxygen	Kalff Chpt 15	
9/19/2016	M	Inorganic Carbon/pH	Cole and Prairie	
9/21/2016	W	Salinity/Cation/Anions	Cronan	
9/23/2016	F	Test 1		
9/26/2016	M	Phosphorus and Nitrogen 1	Caraco	
9/28/2016	W	Phosphorus and Nitrogen 2	Howarth	
9/30/2016	F	<b>Project: Individual Meetings</b>		
10/3/2016	M	No Class Reading Day		
10/5/2016	W	Pelagic Primary Production & Phytoplankton	Dokulil & Kailblinger	Reynolds
10/7/2016	F	Benthic Primary Production & Aquatic Plants	Titus & Urban	Vadeboncoeur
10/10/2016	M	Nutrients, Production, & Eutrophication	Smith	
10/12/2016	W	Harmful Algal Blooms	Burkholder	
10/14/2016	F	<b>Project: Working with Data</b>		
10/17/2016	M	Secondary Production Zooplankton	Sterner	
10/19/2016	W	Secondary Production Benthos	Chaloner et al.	
10/21/2016	F	Secondary Production Microbes	Yannarell & Kent	
10/24/2016	M	Fish & Fisheries	Winfield	Gido & Hargrave
10/26/2016	W	Aquatic Food Webs	Gaedke	Pernthaler & Posch
10/28/2016	F	Sediments, Sedimentation, & Paleolimnology	Bloesch	
10/31/2016	M	Contaminants	Echols et al.	
11/2/2016	W	Test 2		
11/4/2016	F	Reservoirs	Nilsson	
11/7/2016	M	Conservation of Aquatic Ecosystems	Dudgeon et al.	
11/9/2016	W	<b>Project: Structure of Paper, Writing Tips</b>		
11/11/2016	F	Aquatic Ecosystem Services	Limburg	
11/14/2016	M	Aquatic Ecosystems: Multiple States		
11/16/2016	W	Climate Change and Aquatic Ecosystems	Vincent	
11/18/2016	F	Case Study: Klamath & Endangered Species	ExecSummary1	
11/21/2016	M	Case Study: Hudson River & Invasions	Strayer	
11/23/2016	W	No Class/Thanksgiving Recess		
11/25/2016	F	No Class/Thanksgiving Recess		
11/28/2015	M	Case Study: Watersheds & Acidification	Geller and Schultz	
11/30/2016	W	Case Study: Lakes & Trophic Cascades		
12/2/2016	F	Case Study: Lakes & Allochthony		
12/5/2016	M	Synthesis and Course Review		
12/8/2016	Th	Final Exam (9-12)		

