

NRES 370, Spring 2016
Tuesday 12:00-12:50 TNR 120 & Online in D2L

Tentative Lecture Schedule

Date	Tuesday In-Class Topics	Readings, Textbook & D2L Study Resources	Assignment Due
Jan 26	Intro to Course & Lecture Assignments Overview of Environmental Education in WI (615 license and EE minor, WI EE Standards, pre-service requirements)	✓ Syllabus	
Feb 2	EE Observation Assignment & Sites Jordan King – Central Wisconsin Environmental Station & Karla Lockman - Boston School Forest		
Feb 9 Unit 1 Begins	Overview of World and Local Environmental Issues Climate Change Introduction	✓ WI Model Academic Standards for EE (D2L) ✓ Ch. 1 of Text ✓ Orientation & Overview D2L PPT	Sign-up online for EE Observation date & site
Feb 16	Systems Biogeochemical Cycles	✓ Ch. 10 ✓ Ch. 8.7 – 8.10 Systems and Cycles D2L PPT	
Feb 23	Biological Change Evolution & Natural Selection Speciation Biomes & Biodiversity	✓ Ch. 11 ✓ Ch. 12 & Ch. 13 ✓ Biological Change & Biodiversity D2L PPT	
March 1	Ecological Scales Ecosystems Carrying Capacity Succession	✓ Ch. 8.1 – 8.6 ✓ Ch. 9 ✓ More from Ch. 10 ✓ Ecosystems D2L PPT	Online D2L Lecture Quiz 1 Opens March 1 after lecture Closes March 4 at midnight
March 8 Unit 2 Begins	Human Populations Ecological Footprint Calculator http://footprintnetwork.org/en/index.php/GFN/page/calculators/ Food & Agriculture Environmental Toxicology	✓ Ch. 4 & Ch. 6 ✓ Ch. 16 & Ch. 17 ✓ Human Populations, Food & Agriculture D2L PPT & School Garden Videos	
March 15	WCEE Pre-K-12 Programs Guests: <ul style="list-style-type: none"> • K-12 Energy Education Program – Sara Windjue • LEAF Forestry Education Program – Sarah Gilbert • EEinWisconsin.org – Jesse Flores 	✓ Ch. 3 of Text ✓ Food, Pesticides, Drinking Water D2L PPT by Lynn Markham, UW-Extension Specialist	Ecological Footprint Calculator report and reaction to your results due to D2L Dropbox before lecture today
Spring break – no class			

March 29	Atmosphere, Climate & Air Pollution	<ul style="list-style-type: none"> ✓ Ch. 2 ✓ Ch. 20 ✓ Ch. 21 ✓ Air, Climate & Pollution D2L PPT 	
April 5	Water Resources, Pollution & Conservation	<ul style="list-style-type: none"> ✓ Ch. 14 ✓ Ch. 15 ✓ WI Water Basics D2L PPT from Kevin Masarik, UW-Extension Groundwater Specialist 	Online D2L Lecture Quiz 2 Opens April 5 after lecture Closes April 8 at midnight
April 12 Unit 3 Begins	Human Impact – Environmental Health Environmental Justice Economic & Political Systems	<ul style="list-style-type: none"> ✓ Ch. 5 ✓ Ch. 24 ✓ Ch. 25 ✓ Look back at Ch. 6 again for economics section ✓ Environmental Justice, Economic & Political Systems D2L PPT 	
April 19	UWSP Sustainability Panel Discussion Dave Barbier – UWSP Sustainability Coordinator Rob Michitsch – UWSP Waste Education Facility & Campus Recycling Center Cindy Von Gnechten – Residential Living Facilities Designer Susan Schuller – Green & Healthy Schools WI and WCEE Sustainability Initiatives	<ul style="list-style-type: none"> ✓ UWSP Office of Sustainability Facebook Page: https://www.facebook.com/sustainability.uwsp 	
April 26	Energy Resources	<ul style="list-style-type: none"> ✓ Ch. 18 ✓ Ch. 19 ✓ Ch. 22 ✓ Ch. 23 ✓ Energy Resources D2L PPT 	
May 3	Environmental Geology Solid & Hazardous Waste	<ul style="list-style-type: none"> ✓ Earth Science & Environmental Geology D2L PPT ✓ Ch. 7 ✓ Waste D2L PPT 	Online D2L Lecture Quiz 3 Opens May 3 after lecture Closes May 6 at midnight
May 10	The Story of Stuff video http://storyofstuff.org/movies/story-of-stuff/		
Finals Week May 17 8-10am	In-class Final Exam: Application Questions Related to Discussion Section Activities NRES 370 Final Exam Time		