



**Menominee Nation and the Nelson Institute for Environmental Studies
Community-based Capstone course, ES 600, Spring 2018.**

**Mondays and Wednesdays 1-2:15pm
Room 175, Science Hall**

Instructor information:

**Jessie Conaway, PhD. Faculty associate for Native Nations Partnerships
jessie.conaway@wisc.edu**

Office hours:

Monday, 10am-noon Science Hall Room 10 (basement, thru student lounge, first door on left)

Wednesday, 10am-noon American Indian Student and Cultural Center, 215 North Brooks St

And by appointment

Mehak Qureshi, Morgridge Fellow

mwqureshi@wisc.edu

Course description:

The Menominee Nation is a sovereign Tribal Nation residing on a portion of their ancestral lands in what is now known as northeastern Wisconsin. The Menominee Origin Story begins at the mouth of the Menominee River, where the five clans of the Nation came into being. Today, their reservation lands share coterminous boundaries with Menominee County, which is a remnant of the impact from federal assimilation policies. The Tribe is world-renowned for their sustainable forestry practices, which is guided by Traditional Ecological Knowledge (TEK) and western science. The Menominee Reservation is also home to one of the two Tribal Colleges and Universities (TCU's) in Wisconsin.

Threats to the Menominee's environmental resources include dams, climate change, and mineral mining. Menominee resource management is exemplary in their incorporation of both TEK and western science to tackle these environmental issues. Students in this capstone will visit the Menominee reservation to learn first-hand about indigenous environmental philosophy and practice. Integrating ecology, natural resource management, environmental health, mapping, and education, we will work directly with Tribal professionals and leaders on projects that will be useful to the Nation as they shape environmental policies that protect their culture and their homeland.

Student projects for the Menominee Nation:

1. Forestry, Land Management Plan, Forest Plan, Wolf River corridor
2. Climate change and community awareness/education- Phenology Trail, GLOBE protocols, Citizen science with cultural components-
3. Mapping CMN campus forests and landcover for project and research planning purposes

4. Water resource conservation, Menominee River- water quantity, effects of mining discharge, river ecology, macroinvertebrates
5. Environment and culture, development of Tribal environmental school curriculum?
6. Community survey?

Fieldwork Trip dates

- Community, campus and forest visit, Chris Caldwell (Feb 9-11)
- Focus on fisheries, Sturgeon Spawning, Doug Cox (April 13-15)

Following trips are encouraged, but optional:

- WIEA Conference April 19-21, Chris Caldwell
- Menominee Earth Day, 4/25, Chris Caldwell

Extra credit opportunities:

- State of the Tribes Address, 2/13/noon-3pm
- Reciprocity & Respect: Working with Tribes for Community-based Conservation, Nelson Earth Day 4/23 1230-3pm

Learning goals

- Explore and investigate Menominee approaches to environmental stewardship
- Achieve basic understanding of Tribal Sovereignty, Traditional Ecological Knowledge, and Native Science
- Compare and contrast Native and western scientific approaches to environmental and cultural stewardship
- Compare and contrast indigenous and mainstream capitalist knowledge systems, and impacts on environmental and cultural stewardship
- Examine the impacts of the local, state, and federal policies on Tribal environmental resource management
- Learn the basics of map making, and using maps in outreach about resource values
- Improve cross-cultural skills that build global citizenry
- Improve written and verbal communication skills, focusing on communication skills across cultural boundaries
- Learn from guest instructors and speakers about indigenous perspectives in environmental studies

Community Contacts

Doug Cox, Environmental Services, Legislator, Menominee Nation

Chris Caldwell, College of Menominee Nation Sustainable Development Institute

Jennifer Gauthier? UW EXT

Shannon Chapman? Director of Education

Lori Corn? Tribal school

Ron Corn, Jr.: n8iveco@gmail.com

Joey Awonohopay: jawonohopay@mitw.org

Language & Culture Commission: [\(715\) 799-4849](tel:7157994849)

Evaluations:

This is a community-based capstone. All coursework and assignments are structured around completion of projects that directly benefit the Menominee Nation. There is no busy work for this class. All of our work is essential for these outcomes!

→ **Please follow Guidelines and Rubrics for all assignments.**

Course Requirements	Deadlines	Points
Weekly attendance/ engagement	(25 classes total)	100
Cultural awareness, sensitivity and competency		125
Professionalism		100
Field trip participation	1. 2/9 - 2/11 2. 4/13- 15	N/A ††
AutoBioMaps	Due 2/16, 4/20 by 5pm	100
Guest speaker questions	15 per semester, due day of speaker	150*
Guest speaker notes	15 per semester, due at beginning of class that meets next after speaker presentation	150*
Guest speaker hosting	Once per semester	25*

Mid semester projects- Case Studies-paper and presentation	<p>Feb 21 Case study topic due</p> <p>Feb 26 Individual case studies- annotated bibliography and outline due</p> <p>Mar 5 Case study rough draft due</p> <p>Week of 3/12 Meet with Jessie about rough draft</p> <p>Mar 14 Practice team presentations. Peer feedback in class.</p> <p>Mar 21 Case study final draft due.</p> <p>Final team presentations. Peer review in class.</p>	150
Final projects	<p>Apr 2 Final project resource list, work plan, and outline due</p> <p>Apr 9 First draft of project due.</p> <p>Apr 11 Second draft of projects due.</p> <p>Apr 23 Third drafts of projects due.</p> <p>Apr 30 Fourth and final draft of projects due</p> <p>Group presentations of projects</p>	300
Final exam/ project showcase	May 11, 8:45-9:45 am ES 600 Capstone showcase	N/A††
TOTAL		1200
	<p>Please note:</p> <p>Assignments in bold indicate team submissions. All team members will receive the same score.</p> <p>*Assignments with asterisk are completion grades only; complete assignments will receive full credit.</p> <p>†† Mandatory fieldwork/ presentation. Failure to attend will result in a half grade penalty (A to A-, B- to C, etc.) for each missed trip.</p>	

Fieldwork Trip Participation outside of class times:

The two planned fieldwork trips are an essential part of this community-based learning course, and participation is mandatory. These field trips are the opportunities to interact with Menominee Tribal members directly and experience the landscape and lifeways of the Reservation.

- 1) 2/9 - 2/11 Fieldwork trip to Menominee Reservation. Community, college, forest tours. This will be planning time for mid semester and final project implementation. Packing lists will be provided separately.
- 2) 4/13 - 4/15 Fieldwork trip to Menominee Reservation. We will hold final meetings with project stakeholders: tribal members, natural resource employees and College of Menominee Nation staff and faculty, and present our draft projects to the Menominee community.

Course themes:

- Indigenous awareness, ways of knowing
- Indigenous communities, Treaties and Policies, land and water issues
- Threats to the Menominee Nation natural resources and lifeways
- Stewardship, sovereignty, and legislation
- Knowledge systems - Native and western science
- Environmental stewardship, restoration, and environmental futures - TEK and western science methods
- Global water issues
- Integrated communication - cross-cultural, uses visual, spatial, written, verbal
- Public outreach and education in promoting authentic understanding of Indian communities

Date	Topic	Work due
1/24	Introductions Course of action Mehak Morgridge Fellow- Community-Based Learning - 15 minutes Guest speaker hosting, questions, notes WordBank Student drivers	/
1/29	Conaway: Intro to Menominee Forestry, college, water protection <i>Water in the news- Back Forty Mine</i> Cultural training	Readings and resources for this date on Canvas
1/31	<i>Art Shegonee</i> , Menominee Guest speaker	Readings & resources for this date on Canvas
2/5	<i>Felipe Avila</i> Storymapping phase 1 Meet in 2257 College Library Assign AutoBioMap Guidelines Mehak: Spectrum activity	Readings & resources for this date on Canvas

2/7	Conaway: 1-115 Project fair and Trip prep <u>115-145</u> <u>Felipe Avila</u> Storymapping phase 2 2257 College 145-214 Mehak: Role playing and Active Listening	Readings & resources for this date on Canvas DRAFT two slides to go over with Felipe and Jessie
2/9 - 2/11	Trip to Menominee Reservation Depart from SH Parking lot. Departure time TBD	Pack items on packing list
2/12	<i>Mic Isham</i> , former Lac Courtes Oreilles Chairman. Topic is Tribal Sovereignty.	Readings & resources for this date on Canvas
2/13	State of the Tribes address at State Capitol	Attendance for extra credit
2/14	No class	AutoBioMap 1 - is due Friday in Box
2/16	-	AutoBioMap1 - is due today in Box
2/19	<i>Emily Loney</i> , Writing center instructor, Introduction to Case Study writing	Readings & resources for this date on Canvas Case study topic due, moved up one day
2/21	<i>Jen Youngblood</i> , <i>Regional Tribal Relations Program Manager</i> Tribal Forestry and Environmental Management	Readings & resources for this date on Canvas
2/26	<i>David O'Connor</i> Native American advisor, WI Department of Public Instruction	Readings & resources for this date on Canvas Case study bibliography and outline due
2/28	<i>Ada Deer?</i> , <i>Menominee Guest speaker</i> Menominee Tribal College	Readings & resources for this date on Canvas
3/5	<u><i>Matt Dannenburg</i></u> : Mining and water protection in Wisconsin	Readings & resources for this date on Canvas Case study rough draft due

3/7	<i>Arnold Chevalier, Menominee Guest speaker. Topics are culture and forestry.</i>	Readings & resources for this date on Canvas
3/12_	<i>Omar Poler, School of Education, American Indian Studies</i> Cultural Landscapes First Nations Tour Dress for outdoors. Meet at Memorial Union Information Desk	Readings & resources for this date on Canvas Meet with Jessie about case study paper
3/14	Practice team presentations. Peer feedback in class.	Readings & resources for this date on Canvas Practice case study team presentations due Meet with Jessie about case study paper
3/19	<i>Sami guest speakers (4) with Tom duBois</i>	Readings & resources for this date on Canvas
3/21	Case study presentations, final take. Peer review in class.	Case Study final papers and presentations due
3/24- 4/1	Spring Break	
4/2	Project discussion	Final project resource list, work plan, and outline due
4/4	Project work <i>College Library Rm 2257.</i>	
4/9	Project work <i>College Library Rm 2257.</i>	First draft of projects due
4/11	Project work <i>College Library Rm 2257.</i>	Second draft of projects due.
4/13 - 4/15	Trip to Menominee Reservation	Bring project drafts for community feedback.
4/16	No class	
4/18	<i>Esteban Chiroboga, Great Lakes Indian Fish&Wildlife Commission. Back 40 Mine / Pipelines</i>	Readings & web resources for this date on Canvas AutoBioMap 2 due Friday in Box
4/20		AutoBioMap 2 due in Box

4/23	No class in Science Hall. <i>Working with Tribes Earth Day Workshop</i> at Monona Terrace 1230-3pm	Attendance for extra credit Final products third drafts due in Jessie's mailbox in SH room 70.
4/25	Project work- finishing touches with group. <i>College Library Rm 2257.</i>	Menominee Earth Day
4/30	Group presentations of projects Peer and self -review in class Reflection and discussion Discuss preparation for showcase	Fourth and final draft of projects due Group presentations of projects
5/2	Rehearsal for showcase Party with local experts and helpers, Wunk Sheek.	Group work for ES 600 showcase slides is due.
5/11	ES 600 Capstone showcase in SH 845-945 am	

Readings and resources:

Kimmerer, Braiding Sweetgrass

Wendy Makoons Geniusz, Our Knowledge is Not Primitive