

# Recent Announcements

## [Welcome to ENVH 306 Health & Sustainability! Please review & complete the survey](#)

[https://canvas.uw.edu/courses/1747711/discussion\\_topics/9141217](https://canvas.uw.edu/courses/1747711/discussion_topics/9141217)

Hello all and welcome to Health & Sustainability! We look forward to meeting you all Friday, Sept. 27th. BUT first we have a couple housekeeping items: 1. Please review the syllabus and make sure this class is what you were expecting, and 2. Please submit, by Tuesday September 24th, your sector preferences by clicking on this link and filling out this survey. This will give us enough time to place you into groups so that we are ready to hit the ground running. Lastly, this is still a fairly new class and is being tweaked in real time. That makes you all part of the creative process! This also means that we will be seeking additional feedback on what works/and what doesn't work. Our hope is that you build lasting relationships with your teammates; practice valuable skills that are portable across classes and jobs; and that you feel empowered by what you learn in this class to make a difference in your own piece of the world. Oh, and that we have some fun along the way. We'll see you next week! Tania and Yona

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Posted on:

Sep 18, 2024, 9:56 AM

## ENV H 306 A Au 24: Health And Sustainability

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 Edit

### Fall Quarter 2024

(3 Credits)

### Course Meeting Times and Location

11:30 a.m. - 1:20 p.m.

Monday and Friday

SOCC 303

### Course Instructors

**Tania Busch Isaksen (she/her), Teaching Professor**

Department of Environmental & Occupational Health Sciences

Contact via E-Mail: [tania@uw.edu \(mailto:tania@uw.edu\)](mailto:tania@uw.edu)

Office Hours: By appointment

**Yona Sipos (she/her), Associate Teaching Professor**

Department of Environmental & Occupational Health Sciences

Contact: via Canvas Messaging

Office Hours: By appointment

**Course Description**

This course focuses on the intersection of human health and environmental sustainability. Introduces core concepts of sustainability (for health sciences students) and public health (for environmental studies students) and explores the intersections of health and sustainability in specific domains including energy, transportation, the built environment, food systems, and chemicals/product design. Emphasizes a systems thinking approach to formulating solutions.

**Class Format**

This course is built around problem-based learning pedagogy.

Each week students will read, examine, and dissect an aspect relative to their group's *Health & Sustainability* challenge, discuss what they already know, identify key issues and hypotheses ("what we think,") and information needed to understand and work through the issues of the challenge. Students assign themselves "learning objectives" to research before the next class session. They come prepared to share their learning with the rest of their group, along with articles, web sites, and other data resources important to the group's learning. Problem-based learning is an iterative process, with each class building on knowledge acquired through student learning objectives.

**Note about attendance:** Problem-based learning shifts control and power in the classroom from the teacher to students working in small groups. The real work of learning occurs in the group setting, where faculty acts as facilitators rather than teachers. Every group member shares responsibility for reaching the learning objectives, both individually and as a group. When a student misses a PBL meeting, part of the thinking that is needed to work the case will be missing. Discussion won't be as rich, and the group may be stretched too thin to address the learning objectives effectively.

For this reason, students are strongly encouraged to attend all the scheduled class time unless faced with illness or a true emergency. Those who miss meetings will nonetheless be expected to review the list of learning issues or objectives from the missed day, contact classmates to confirm their role in working them, and post work in Canvas in time for discussion. In other words, students should prepare

to undertake the same level of effort outside of class that they would have if they had attended the class session.

**Syllabus & Schedule**

A complete syllabus can be [found here \(https://canvas.uw.edu/courses/1747711/files/123144857?wrap=1\)](https://canvas.uw.edu/courses/1747711/files/123144857?wrap=1).

<----- The most current schedule can be found on the Modules tab to the left.

Below is the tentative 2024 fall schedule

Date	CLASS	Class Activity / Assessment Due  <i>*See canvas for required prep work for each class</i>
<b>WEEK 1</b>		
Sept 27 F	Introduction  Speakers: Sipos & Busch Isaksen	<b>Introduction Lecture</b>  <b>Group Activity</b> <ul style="list-style-type: none"> <li>• Icebreaker</li> <li>• Group norming</li> <li>• Facilitation scheduling</li> <li>• Getting to know your sector</li> </ul> <b>Report out to Class</b>
<b>WEEK 2</b>		
Sept 30 - M	Climate Science Primer: Starting with the Problem in Mind  Speaker: Busch Isaksen	<b>Lecture</b>  <b>Group Activity</b> <ul style="list-style-type: none"> <li>• Greenhouse gas (GHG) emission sources, by sector</li> </ul> <b>Report out to Class</b>

<b>Date</b>	<b>CLASS</b>	<b>Class Activity / Assessment Due</b> <i>*See canvas for required prep work for each class</i>
Oct. 4 - F	Health Connections  Speaker: Busch Isaksen	<b>Lecture</b>  <b>Group Activity</b> <ul style="list-style-type: none"> <li>• Climate &amp; health connections discussion</li> <li>• Sustainability communication assignment</li> </ul> <b>Report out to Class</b>
<b>WEEK 3</b>		
Oct.7 - M	History of sustainability & systems-based thinking  Speaker: Sipos	<b>Lecture</b>  <b>Group Activity</b> <ul style="list-style-type: none"> <li>• Sustainability definition, by sector</li> <li>• The sustainable wedding cake</li> </ul> <b>Report out to Class</b>
Oct 11 - F	Sector Overviews & 1st Group Workday  Facilitators: Sipos & Busch Isaksen	<b>Group Work</b> <ul style="list-style-type: none"> <li>• Solutions exercise, by sector</li> </ul> <b>Report out to Class</b>  <b>Group work</b> <ul style="list-style-type: none"> <li>• Craft and Assign 1st individual learning objectives</li> </ul>
<b>WEEK 4</b>		

<b>Date</b>	<b>CLASS</b>	<b>Class Activity / Assessment Due</b> <i>*See canvas for required prep work for each class</i>
Oct. 14 M	Sustainable Product Design / Sector Overview cont.  Speaker: Simcox	<b>Lecture</b>  <b>Class work</b> <ul style="list-style-type: none"> <li>• Think Dirty app review</li> <li>• Sustainable business &amp; health exercise</li> </ul>
Oct 18 F	Group Workday  Facilitators: Drs Sipos & Busch Isaksen	<b>Group Work</b> <ul style="list-style-type: none"> <li>• Report out #1 LOs</li> <li>• Create a group share out piece</li> <li>• Craft and Assign 2nd LOs</li> </ul> <b>Report out to Class</b>  <b>Assessments Due:</b> <ul style="list-style-type: none"> <li>• Learning Objective #1</li> <li>• Consumer Product Blog Post - discussion post (due Oct 20)</li> </ul>
<b>WEEK 5</b>		
Oct. 21 M	Field Trip	UW Farm & Mercer residences – sustainable buildings & urban agriculture
Oct. 25 F	Food Systems  Guest Speaker: Dr. Sarah Collier, DEOHS - Soil Carbon Sequestration	<b>Guest Lecture</b>  <b>Group work</b> <ul style="list-style-type: none"> <li>• Check in time</li> </ul> <b>Assessment Due:</b>

Date	CLASS	<b>Class Activity / Assessment Due</b> <i>*See canvas for required prep work for each class</i>
		<ul style="list-style-type: none"> <li>Sustainability &amp; Health Elevator Pitch</li> </ul> <b>Assessment Review:</b> <ul style="list-style-type: none"> <li>Consumer Product Blog Post - discussion post (due Oct 20)</li> </ul>
<b>WEEK 6</b>		
Oct. 28 M	Transportation speaker - Kadie Bell Sata, Sustainable Transportation Planner, City of Seattle	<b>Guest Lecture</b>  <b>Group work</b> <ul style="list-style-type: none"> <li>Check in time</li> </ul> <b>Assessment Review:</b> <ul style="list-style-type: none"> <li>Sustainability Elevator Pitch (due Oct 25)</li> </ul>
Nov 1 F	Group Workday Facilitators: Sipos & Busch Isaksen	<b>Group Work</b> <ul style="list-style-type: none"> <li>Report out #2 LOs</li> <li>Craft and Assign 3rd LOs</li> </ul> <b>Report out to Class</b>  <b>Assessment Due:</b> <ul style="list-style-type: none"> <li>Learning Objective #2</li> </ul>
<b>WEEK 7</b>		
Nov 4 M	Sustainable Campuses - UW Sustainability Buildings / Energy	<b>Guest Lecture</b>  <b>Group work - Assessment Check-in:</b>





<b>Date</b>	<b>CLASS</b>	<b>Class Activity / Assessment Due</b> <i>*See canvas for required prep work for each class</i>
	Guest Speaker: David Woodson UW Facilities	<ul style="list-style-type: none"> <li>• Consumer Blog Post</li> </ul>
Nov 8 F	Equitable Energy Transition / Buildings  Guest Speaker: Veena Prasad, Spark Northwest	<b>Guest Lecture</b>  <b>Group work</b> <ul style="list-style-type: none"> <li>• 3rd LO Check in time</li> </ul>
<b>WEEK 8</b>		
Nov 11 M	<b>No Class - Veterans Day</b>	
Nov 15 F	Urban Design: / Buildings  Guest Speaker: TBD	<b>Guest Lecture</b>  <b>Group work - Assessment Check-in:</b> <ul style="list-style-type: none"> <li>• Consumer Blog Post</li> </ul>
<b>WEEK 9</b>		
Nov 18 M	Group Workday  Facilitators: Sipos & Busch Isaksen	<b>Group Work</b> <ul style="list-style-type: none"> <li>• Report out <b>#3 LOs</b></li> <li>• Create a group share out piece</li> </ul> <b>Report out to Class</b>

<b>Date</b>	<b>CLASS</b>	<b>Class Activity / Assessment Due</b> <i>*See canvas for required prep work for each class</i>
		<b>Assessment Due</b> <ul style="list-style-type: none"> <li>• Learning Objective #3</li> </ul>
Nov 22 F	Storyboard/ Messaging Day	<b>Lecture (social marketing principles &amp; risk communication)</b>  <b>Group Work</b> <ul style="list-style-type: none"> <li>• Message creation</li> </ul>
<b>WEEK 10</b>		
Nov 25 M	Creation Day OR Field trip TBD	<b>Group work (110 min)</b>  On your own
Nov 29 F	<b>No Class - Thanksgiving / Native American Heritage Day</b>	
<b>WEEK 11</b>		
Dec 2 M	Individual presentations	<b>Whole Class</b> <ul style="list-style-type: none"> <li>• Blog post research presentations                             <ul style="list-style-type: none"> <li>◦ 5 min/person max</li> <li>◦ 1 ppt slide</li> </ul> </li> </ul> <b>Assessment Due:</b>  PowerPoint & blog post



Date	CLASS	Class Activity / Assessment Due <i>*See canvas for required prep work for each class</i>
Dec 6 F	Individual presentations + Group Presentations	<p><b>Whole Class</b></p> <ul style="list-style-type: none"> <li>• Remaining Individual presentations</li> <li>• Group project reveal             <ul style="list-style-type: none"> <li>◦ 10 min/group</li> </ul> </li> <li>• Class reflection/evaluation</li> </ul> <p><b>Assessment Due:</b></p> <p>Group Communication piece and supporting documentation</p>
	Finals week	No Finals!

## Course Summary:

Date	Details	Due
Fri Oct 11, 2024	<p> <a href="https://canvas.uw.edu/courses/1747711/assignments/9487585">Sustainability definitions - please post your group's definition here</a> (<a href="https://canvas.uw.edu/courses/1747711/assignments/9487585">https://canvas.uw.edu/courses/1747711/assignments/9487585</a>)</p>	due by 11:59pm
Fri Oct 18, 2024	<p> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479417">Learning Objective 1 + your One PPT Slide</a> (<a href="https://canvas.uw.edu/courses/1747711/assignments/9479417">https://canvas.uw.edu/courses/1747711/assignments/9479417</a>)</p>	due by 11:30am
Sun Oct 20, 2024	<p> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479420">Consumer Product for Blog Post</a> (<a href="https://canvas.uw.edu/courses/1747711/assignments/9479420">https://canvas.uw.edu/courses/1747711/assignments/9479420</a>)</p>	due by 11:59pm
Wed Oct 23, 2024	<p> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479425">Field Trip Reflection - Perry Acworth, UW Farm at Mercer Court</a> (<a href="https://canvas.uw.edu/courses/1747711/assignments/9479425">https://canvas.uw.edu/courses/1747711/assignments/9479425</a>)</p>	due by 11:59pm

Date	Details	Due
Fri Oct 25, 2024	 <a href="#">Sustainability &amp; Health Elevator Pitch</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479422">https://canvas.uw.edu/courses/1747711/assignments/9479422</a>	due by 11:59pm
Sun Oct 27, 2024	 <a href="#">Guest Presentation Reflection - Sarah Collier, DEOHS</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479429">https://canvas.uw.edu/courses/1747711/assignments/9479429</a>	due by 11:59pm
Wed Oct 30, 2024	 <a href="#">Guest Presentation Reflection - Kadie Bell Sata, City of Seattle Transportation</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479428">https://canvas.uw.edu/courses/1747711/assignments/9479428</a>	due by 11:59pm
Fri Nov 1, 2024	 <a href="#">Learning Objective 2 + your One PPT Slide</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479418">https://canvas.uw.edu/courses/1747711/assignments/9479418</a>	due by 11:30am
Wed Nov 6, 2024	 <a href="#">Guest Presentation Reflection - David Woodson, UW Campus Energy, Utilities, &amp; Operations</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479427">https://canvas.uw.edu/courses/1747711/assignments/9479427</a>	due by 11:59pm
Sun Nov 10, 2024	 <a href="#">Guest Presentation Reflection - Veena Prasad, Spark Northwest</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479430">https://canvas.uw.edu/courses/1747711/assignments/9479430</a>	due by 11:59pm
Sun Nov 17, 2024	 <a href="#">Guest presentation reflection - Andrew Dannenberg</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479432">https://canvas.uw.edu/courses/1747711/assignments/9479432</a>	due by 11:59pm
Mon Nov 18, 2024	 <a href="#">Learning Objective 3 + your One PPT Slide</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479419">https://canvas.uw.edu/courses/1747711/assignments/9479419</a>	due by 11:30am
Wed Nov 27, 2024	 <a href="#">Field Trip Reflection - Bullitt Center Tour</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479424">https://canvas.uw.edu/courses/1747711/assignments/9479424</a>	due by 11:59pm
Mon Dec 2, 2024	 <a href="#">Blog Post: Consumer Product Redesign</a> <a href="https://canvas.uw.edu/courses/1747711/assignments/9479421">https://canvas.uw.edu/courses/1747711/assignments/9479421</a>	due by 11:30am
Fri Dec 6, 2024	 <a href="#">Group project drop box -- only 1 person from each group needs</a>	due by 11:30am

<b>Date</b>	<b>Details</b>	<b>Due</b>
	<a href="https://canvas.uw.edu/courses/1747711/assignments/9479426">to submit (https://canvas.uw.edu/courses/1747711/assignments/9479426)</a>	