

# Course Syllabus

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**W ENVIRONMENTAL & OCCUPATIONAL HEALTH SCIENCES**  
UNIVERSITY of WASHINGTON | SCHOOL OF PUBLIC HEALTH

[\(https://deohs.washington.edu/\)](https://deohs.washington.edu/)

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## ENVH 502A: Assessing and Managing Risks from Human Exposure to Environmental Contaminants

**Quarter:** Winter 2022

**Credits & Grading:** 4 credits, graded

**Time:** Mondays & Wednesday, 1:30 to 3:20 PM, Health Sciences T498

*The University of Washington acknowledges we are learning, working, teaching, and researching on the land of the Coast Salish people, the land which touches the shared waters of all tribes and bands within the Duwamish, Suquamish, Tulalip and Muckleshoot nations.*

**\*\*FIRST WEEK WILL BE HELD REMOTELY VIA ZOOM\*\* (Jan 3 and Jan 5)**

**Offered Remotely via Zoom:** <https://washington.zoom.us/j/94600416981>

<https://washington.zoom.us/j/94600416981>

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### Instructors & Teaching Assistant:

**Mike Yost, Professor**

**Office:** Rosling, 2nd Floor

**Email:** [airion@uw.edu](mailto:airion@uw.edu)

<mailto:airion@uw.edu>

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**Office Hours:** By appointment



**Marissa Baker,**

**Assistant Professor**

**Office:** Roosevelt 150



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appointment**Lilian Liu, TA****Email:** ziqi@uw.edu[\(mailto:tmb@uw.edu\)](mailto:tmb@uw.edu)**Office Hours:** By  
appointment

## Course Description

Exposure science provides quantitative data needed to inform risk assessments and apply regulatory standards to a wide range of chemical, biological and physical hazards. Exposure assessment tools have wide application in epidemiological studies and in evaluating health interventions. This course introduces techniques such as hazard identification, dose response estimation, fate and transport modeling, statistical exposure and dose estimation, exposure biomarkers and toxicological risk characterization as applied in both occupational and community environments.

## Learning Objectives

At the end of this course, students will be able to:

1. Describe the major exposure pathways for occupational and environmental disease agents
2. Apply basic box and plume models to assess the fate and transport of environmental contaminants
3. Contrast the relationship between exposure and dose for the dermal, oral, and respiratory routes of exposure
4. Identify the public health agencies responsible for foundational environmental health regulations in the US, and describe how they apply exposure data to regulations
5. Distinguish exposure strategies used for epidemiology, risk assessment, and public health regulations
6. Critique the strengths and limitations of exposure data collected through self reports, micro environmental measurement methods, exposure mapping over time and space and personal monitoring methods
7. Apply the EPA Exposure Factors Handbook to construct plausible exposure scenarios
8. Summarize individual and group exposures with appropriate statistical descriptors and methods
9. Explain the difference between deterministic and probabilistic exposure estimates as applied to risk assessment
10. Describe how the 'omics' technologies can support exposure assessment and toxicology.

## Course Textbook

- *Exposure Assessment in Environmental Epidemiology*. 2015. 2nd Edition. Mark J. Nieuwenhuijsen (Editor). Oxford University Press, USA. ISBN-13: 978-0199378784, ISBN-10: 0199378789
- [Link to 2nd Edition eBook \(UW Library\)](http://dx.doi.org/10.1093/med/9780199378784.001.0001). [\\_\(http://dx.doi.org/10.1093/med/9780199378784.001.0001\)](http://dx.doi.org/10.1093/med/9780199378784.001.0001)
- [Note, the 1st edition of the text by this author also will suffice for most of this class. [Link to 1st Edition ebook](#).  
<http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780198528616.001.0001/acprof-9780198528616>)
- Text is fully available online, and does not need to be purchased as a hard copy
- Other course readings will be in PDF form on Canvas

## Exams, Assignments and Grading

There will be two homework assignments, a midterm exam with a short written report (~3 pages), and one longer written report (~5 pages) that serves as the final exam. The final grade for the course will be determined as follows:

## Exams, Assignments and Grading

There will be two homework assignments, a midterm exam with a short written report (~3 pages), and one longer written report (~5 pages) that serves as the final exam. The final grade for the course will be determined as follows:

Homework Assignments = 30%  
 HYRTT quizzes = 5%  
 Class Group Discussion = 5%  
 Midterm Exam = 30%  
 Final Exam = 30%

## Class Schedule

A session-by-session schedule for the course can be found on [the Modules page](#).

## Important Dates

Assessment	Tentative Due Date
HW 1	2/2/2022
Take Home Midterm	2/22/2022
HW 2	3/4/2022
Take Home	3/16/2022

Final

## Classroom Climate

The UW School of Public Health seeks to ensure all students are fully included in each course. We strive to create an environment that reflects community and mutual caring. We encourage students with concerns about classroom climate to talk to your instructor, your advisor, a member of the departmental or SPH Diversity Committee and/or the departmental Manager of Student and Academic Services (tsterry@uw.edu, 206-616-4177). The SPH Student Concern policy provides alternate ways of reporting concerns to the School of Public Health. <https://sph.washington.edu/students/student-concern-policy> [\\_ \(https://sph.washington.edu/students/student-concern-policy\)](https://sph.washington.edu/students/student-concern-policy).

## Access and Accommodations

Your experience in this class is important to me. It is the policy and practice of the University of Washington to create inclusive and accessible learning environments consistent with federal and state law. If you have already established accommodations with Disability Resources for Students (DRS), please activate your accommodations via myDRS so we can discuss how they will be implemented in this course.

If you have not yet established services through DRS, but have a temporary health condition or permanent disability that requires accommodations (conditions include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), contact DRS directly to set up an Access Plan. DRS facilitates the interactive process that establishes reasonable accommodations. Contact DRS at [disability.uw.edu](http://disability.uw.edu) [\\_ \(http://depts.washington.edu/uwdrs/\)](http://depts.washington.edu/uwdrs/).

## Religious Accommodations

Washington state law requires that UW develop a policy for accommodation of student absences or significant hardship due to reasons of faith or conscience, or for organized religious activities. The UW's policy, including more information about how to request an accommodation, is available at [Religious Accommodations Policy](https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/) [\\_ \(https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/\)](https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/) [\(/staffandfaculty/religious-accommodations-policy/\)](https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/) [\\_ \(https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/\)](https://registrar.washington.edu/staffandfaculty/religious-accommodations-policy/). Accommodations must be requested within the first two weeks of this course using the [Religious Accommodations Request](https://registrar.washington.edu/students/religious-accommodations-request/) [\\_ \(https://registrar.washington.edu/students/religious-accommodations-request/\)](https://registrar.washington.edu/students/religious-accommodations-request/) form [\\_ \(https://registrar.washington.edu/students/religious-accommodations-request/\)](https://registrar.washington.edu/students/religious-accommodations-request/) [\\_ \(https://registrar.washington.edu/students/religious-accommodations-request/\)](https://registrar.washington.edu/students/religious-accommodations-request/).

## Academic Integrity

Students at the University of Washington (UW) are expected to maintain the highest standards of academic conduct, professional honesty, and personal integrity. The UW School of Public Health (SPH)





is committed to upholding standards of academic integrity consistent with the academic and professional communities of which it is a part. Plagiarism, cheating, and other misconduct are serious violations of the University of Washington Student Conduct Code (WAC 478-120). We expect you to know and follow the university's policies on cheating and plagiarism, and [the SPH Academic Integrity Policy](#)










(<https://sph.washington.edu/students/academic-integrity-policy>). Any suspected cases of academic misconduct will be handled according to University of Washington regulations. For more information, see the University of Washington Community Standards and Student Conduct website.










Diverse backgrounds, embodiments and experiences are essential to the critical thinking endeavor at the heart of University education. In SPH, students are expected:

- To respect individual differences, which may include, but are not limited to, age, cultural background, disability, ethnicity, family status, gender, immigration status, national origin, race, religion, sex, sexual orientation, socioeconomic status and veteran status.
- To engage respectfully in the discussion of diverse worldviews and ideologies embedded in course readings, presentations and artifacts, including those course materials that are at odds with personal beliefs and values.
- To encourage students with concerns about classroom climate to talk to their instructor, adviser, a member of the departmental or SPH EDI Committee, or the Assistant Dean for EDI.










## Course Summary:

Date	Details	Due
Thu Feb 20, 2020	 <a href="#">Take-Home Midterm Exam Copy</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925859">https://canvas.uw.edu/courses/1515821/assignments/6925859</a>	due by 5pm
Wed Mar 11, 2020	 <a href="#">Lesson 21: Panopto Video and Slide Set</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925833">https://canvas.uw.edu/courses/1515821/assignments/6925833</a>	due by 2:30pm
Wed Mar 11, 2020	 <a href="#">Lesson 21: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925834">https://canvas.uw.edu/courses/1515821/assignments/6925834</a>	due by 3pm
Mon Jan 3, 2022	 <a href="#">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457091&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457091&amp;include_contexts=course_1515821</a>	1:30pm to 3:30pm









Date	Details	Due
Wed Jan 5, 2022	 <a href="#">Session 1: Preparation for Class &amp; Reflection Assignment (Session held over ZOOM)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925845">https://canvas.uw.edu/courses/1515821/assignments/6925845</a>	due by 1:30pm
	 <a href="#">Session 2: Preparation for Class &amp; Reflection Assignment (Discussion group formation)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925847">https://canvas.uw.edu/courses/1515821/assignments/6925847</a>	due by 9am
	 <a href="#">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457092&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457092&amp;include_contexts=course_1515821</a>	1:30pm to 3:30pm
	 <a href="#">HYRTT Quiz Session 2</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6945855">https://canvas.uw.edu/courses/1515821/assignments/6945855</a>	due by 1:30pm
	 <a href="#">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457094&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457094&amp;include_contexts=course_1515821</a>	1:30pm to 3:30pm
Mon Jan 10, 2022	 <a href="#">HYRTT Quiz Session 3</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6946124">https://canvas.uw.edu/courses/1515821/assignments/6946124</a>	due by 1:30pm
	 <a href="#">Session 3: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925848">https://canvas.uw.edu/courses/1515821/assignments/6925848</a>	due by 5pm
	 <a href="#">Student survey: Welcome to ENVH 502!</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6944318">https://canvas.uw.edu/courses/1515821/assignments/6944318</a>	due by 11:59pm
Wed Jan 12, 2022	 <a href="#">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457096&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457096&amp;include_contexts=course_1515821</a>	1:30pm to 3:30pm

Date	Details	Due
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6946179">HYRTT Quiz Session 4</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6946179">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6946179">https://canvas.uw.edu/courses/1515821/assignments/6946179</a>)</a>	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925849">Session 4: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925849">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925849">https://canvas.uw.edu/courses/1515821/assignments/6925849</a>)</a>	due by 9pm
Tue Jan 18, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925850">Session 5: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925850">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925850">https://canvas.uw.edu/courses/1515821/assignments/6925850</a>)</a>	due by 5pm
	 <a href="https://canvas.uw.edu/calendar?event_id=2457097&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457097&amp;include_contexts=course_1515821">(<a href="https://canvas.uw.edu/calendar?event_id=2457097&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457097&amp;include_contexts=course_1515821</a>)</a>	1:30pm to 3:30pm
Wed Jan 19, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6946309">HYRTT Quiz Session 5</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6946309">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6946309">https://canvas.uw.edu/courses/1515821/assignments/6946309</a>)</a>	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925851">Session 6: Preparation for Class &amp; Reflection Assignment (Discussion - Green)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925851">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925851">https://canvas.uw.edu/courses/1515821/assignments/6925851</a>)</a>	due by 5pm
	 <a href="https://canvas.uw.edu/calendar?event_id=2457100&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457100&amp;include_contexts=course_1515821">(<a href="https://canvas.uw.edu/calendar?event_id=2457100&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457100&amp;include_contexts=course_1515821</a>)</a>	1:30pm to 3:30pm
Mon Jan 24, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6946834">HYRTT Quiz Session 6</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6946834">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6946834">https://canvas.uw.edu/courses/1515821/assignments/6946834</a>)</a>	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925852">Session 7: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925852">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925852">https://canvas.uw.edu/courses/1515821/assignments/6925852</a>)</a>	due by 5pm













Date	Details	Due
Wed Jan 26, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457103&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457103&amp;include_contexts=course_1515821">(https://canvas.uw.edu/calendar?event_id=2457103&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6946834">HYRTT Quiz Session 6</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6946834">(https://canvas.uw.edu/courses/1515821/assignments/6946834)</a> (1 student)	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6949226">HYRTT Quiz Session 7</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6949226">(https://canvas.uw.edu/courses/1515821/assignments/6949226)</a>	due by 1:30pm
Mon Jan 31, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925853">Session 8: Preparation for Class</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925853">(https://canvas.uw.edu/courses/1515821/assignments/6925853)</a>	due by 5pm
	 <a href="https://canvas.uw.edu/calendar?event_id=2457098&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457098&amp;include_contexts=course_1515821">(https://canvas.uw.edu/calendar?event_id=2457098&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6947248">HYRTT Quiz Session 8</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6947248">(https://canvas.uw.edu/courses/1515821/assignments/6947248)</a>	due by 1:30pm
Wed Feb 2, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457101&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457101&amp;include_contexts=course_1515821">(https://canvas.uw.edu/calendar?event_id=2457101&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7081951">HYRTT Quiz Session 9</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7081951">(https://canvas.uw.edu/courses/1515821/assignments/7081951)</a>	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925816">Homework Assignment 1 (DUE 2/2/22)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925816">(https://canvas.uw.edu/courses/1515821/assignments/6925816)</a>	due by 5pm


















Date	Details	Due
Mon Feb 7, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925854">Session 9 &amp; 10: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925854"> (https://canvas.uw.edu/courses/1515821/assignments/6925854)</a>	due by 5pm
Mon Feb 7, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457093&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457093&amp;include_contexts=course_1515821"> (https://canvas.uw.edu/calendar?event_id=2457093&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
Mon Feb 7, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7081993">HYRTT Quiz Session 10</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7081993"> (https://canvas.uw.edu/courses/1515821/assignments/7081993)</a>	due by 1:30pm
Mon Feb 7, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925855">Sessions 11 &amp; 12: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925855"> (https://canvas.uw.edu/courses/1515821/assignments/6925855)</a>	due by 5pm
Wed Feb 9, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457104&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457104&amp;include_contexts=course_1515821"> (https://canvas.uw.edu/calendar?event_id=2457104&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
Wed Feb 9, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7082093">HYRTT Quiz Session 11</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7082093"> (https://canvas.uw.edu/courses/1515821/assignments/7082093)</a>	due by 1:30pm
Mon Feb 14, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457095&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457095&amp;include_contexts=course_1515821"> (https://canvas.uw.edu/calendar?event_id=2457095&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
Mon Feb 14, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7111030">HYRTT Quiz Session 12</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7111030"> (https://canvas.uw.edu/courses/1515821/assignments/7111030)</a>	due by 1:30pm
Wed Feb 16, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457105&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457105&amp;include_contexts=course_1515821"> (https://canvas.uw.edu/calendar?event_id=2457105&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm

Date	Details	Due
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7111047">HYRTT Quiz Session 13</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7111047">(<a href="https://canvas.uw.edu/courses/1515821/assignments/7111047">https://canvas.uw.edu/courses/1515821/assignments/7111047</a>)</a>	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925823">Lesson 14: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925823">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925823">https://canvas.uw.edu/courses/1515821/assignments/6925823</a>)</a>	due by 5pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925843">Session 13: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925843">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925843">https://canvas.uw.edu/courses/1515821/assignments/6925843</a>)</a>	due by 5pm
Tue Feb 22, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925858">Take-Home Midterm Exam (DUE 2/22/22)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925858">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925858">https://canvas.uw.edu/courses/1515821/assignments/6925858</a>)</a>	due by 11:59pm
Wed Feb 23, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457106&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457106&amp;include_contexts=course_1515821">(<a href="https://canvas.uw.edu/calendar?event_id=2457106&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457106&amp;include_contexts=course_1515821</a>)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7129377">HYRTT Quiz Session 14</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7129377">(<a href="https://canvas.uw.edu/courses/1515821/assignments/7129377">https://canvas.uw.edu/courses/1515821/assignments/7129377</a>)</a>	due by 1:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925856">Sessions 15 &amp; 16: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925856">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925856">https://canvas.uw.edu/courses/1515821/assignments/6925856</a>)</a>	due by 5pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925844">Session 17, 18, &amp; 19: Preparation for Class &amp; Reflection Assignment</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925844">(<a href="https://canvas.uw.edu/courses/1515821/assignments/6925844">https://canvas.uw.edu/courses/1515821/assignments/6925844</a>)</a>	due by 9am
Mon Feb 28, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457107&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457107&amp;include_contexts=course_1515821">(<a href="https://canvas.uw.edu/calendar?event_id=2457107&amp;include_contexts=course_1515821">https://canvas.uw.edu/calendar?event_id=2457107&amp;include_contexts=course_1515821</a>)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7129701">HYRTT Quiz Session 15</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7129701">(<a href="https://canvas.uw.edu/courses/1515821/assignments/7129701">https://canvas.uw.edu/courses/1515821/assignments/7129701</a>)</a>	due by 1:30pm

Date	Details	Due
Wed Mar 2, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457108&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457108&amp;include_contexts=course_1515821">(https://canvas.uw.edu/calendar?event_id=2457108&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/7129703">HYRTT Quiz Session 16</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/7129703">(https://canvas.uw.edu/courses/1515821/assignments/7129703)</a>	due by 1:30pm
Fri Mar 4, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925817">Homework Assignment 2 (DUE 3/4/22)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925817">(https://canvas.uw.edu/courses/1515821/assignments/6925817)</a>	due by 5pm
Mon Mar 7, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457109&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457109&amp;include_contexts=course_1515821">(https://canvas.uw.edu/calendar?event_id=2457109&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
Wed Mar 9, 2022	 <a href="https://canvas.uw.edu/calendar?event_id=2457110&amp;include_contexts=course_1515821">ENV H 502 A Wi 21: Assessing And Managing Risks From Human Exposure To Environmental Contaminants</a> <a href="https://canvas.uw.edu/calendar?event_id=2457110&amp;include_contexts=course_1515821">(https://canvas.uw.edu/calendar?event_id=2457110&amp;include_contexts=course_1515821)</a>	1:30pm to 3:30pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925846">Session 20: Preparation for Class</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925846">(https://canvas.uw.edu/courses/1515821/assignments/6925846)</a>	due by 9pm
Thu Mar 17, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925857">Take-Home Final Exam (DUE 3/16/22)</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925857">(https://canvas.uw.edu/courses/1515821/assignments/6925857)</a>	due by 5pm
Fri Mar 18, 2022	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6959215">Discussion Group</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6959215">(https://canvas.uw.edu/courses/1515821/assignments/6959215)</a>	due by 11:59pm
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925812">Additional Materials for Lesson 17</a> <a href="https://canvas.uw.edu/courses/1515821/assignments/6925812">(https://canvas.uw.edu/courses/1515821/assignments/6925812)</a>	

Date	Details	Due
	 <a href="#">Additional Materials for Lesson 19</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925813">https://canvas.uw.edu/courses/1515821/assignments/6925813</a> )	
	 <a href="#">Additional Materials from Lesson 16</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925815">https://canvas.uw.edu/courses/1515821/assignments/6925815</a> )	
	 <a href="#">Excel Worksheets and Advanced reading materials for Lesson 7 and 8</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925814">https://canvas.uw.edu/courses/1515821/assignments/6925814</a> )	
	 <a href="#">Lesson 10: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925818">https://canvas.uw.edu/courses/1515821/assignments/6925818</a> )	
	 <a href="#">Lesson 11: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925819">https://canvas.uw.edu/courses/1515821/assignments/6925819</a> )	
	 <a href="#">Lesson 12: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925820">https://canvas.uw.edu/courses/1515821/assignments/6925820</a> )	
	 <a href="#">Lesson 13: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925821">https://canvas.uw.edu/courses/1515821/assignments/6925821</a> )	
	 <a href="#">Lesson 14: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925822">https://canvas.uw.edu/courses/1515821/assignments/6925822</a> )	
	 <a href="#">Lesson 15: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925824">https://canvas.uw.edu/courses/1515821/assignments/6925824</a> )	
	 <a href="#">Lesson 16: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925825">https://canvas.uw.edu/courses/1515821/assignments/6925825</a> )	

Date	Details	Due
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925826">Lesson 17: Panopto Video and Slide Set (SLIDES ONLY)</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925826">https://canvas.uw.edu/courses/1515821/assignments/6925826</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925827">Lesson 18: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925827">https://canvas.uw.edu/courses/1515821/assignments/6925827</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925828">Lesson 18: Panopto Video and Slide Set (SLIDES ONLY)</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925828">https://canvas.uw.edu/courses/1515821/assignments/6925828</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925829">Lesson 18: Preparation for Class &amp; Reflection Assignment (OLD - RF exposure module)</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925829">https://canvas.uw.edu/courses/1515821/assignments/6925829</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925830">Lesson 19: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925830">https://canvas.uw.edu/courses/1515821/assignments/6925830</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925831">Lesson 1: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925831">https://canvas.uw.edu/courses/1515821/assignments/6925831</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925832">Lesson 20: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925832">https://canvas.uw.edu/courses/1515821/assignments/6925832</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925835">Lesson 2: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925835">https://canvas.uw.edu/courses/1515821/assignments/6925835</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925836">Lesson 3: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925836">https://canvas.uw.edu/courses/1515821/assignments/6925836</a> )	
	 <a href="https://canvas.uw.edu/courses/1515821/assignments/6925837">Lesson 4: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925837">https://canvas.uw.edu/courses/1515821/assignments/6925837</a> )	

Date	Details	Due
	 <a href="#">Lesson 5: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925838">https://canvas.uw.edu/courses/1515821/assignments/6925838</a> )	
	 <a href="#">Lesson 6: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925839">https://canvas.uw.edu/courses/1515821/assignments/6925839</a> )	
	 <a href="#">Lesson 7: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925840">https://canvas.uw.edu/courses/1515821/assignments/6925840</a> )	
	 <a href="#">Lesson 8: Panopto Video and Slide Set</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925841">https://canvas.uw.edu/courses/1515821/assignments/6925841</a> )	
	 <a href="#">Videos for Biological Agents</a> ( <a href="https://canvas.uw.edu/courses/1515821/assignments/6925842">https://canvas.uw.edu/courses/1515821/assignments/6925842</a> )	