

Course Syllabus

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GH/ENV H 220 (3 credits)

Lectures Mondays/Wednesdays – 10:00 – 11:20 am

Online - Synchronous

Instructor:

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Course Description

The world has entered the Anthropocene epoch. Humans are the primary drivers of global environmental changes and are changing the planet on the scale of geological forces. Global environmental changes include climate change, ozone depletion, biodiversity loss, nitrogen fertilization, and ocean acidification. Students will be introduced to the range of global environmental changes and their consequences for human health and well-being, with a focus on climate change and its consequences.

To address these, the United Nations Sustainable Development Goals (SDGs) were agreed in 2015 to achieve a better and more sustainable future for all. They include 17 global goals with targets for 2030. The SDGs aim to end all forms of poverty. The SDGs are unique in that they call for action by all countries, poor, rich, and middle-income to promote prosperity while protecting the planet. They recognize that ending poverty must go hand-in-hand with strategies that build economic growth and address a range of social needs including education, health, social protection, and job opportunities, while tackling climate change and environmental protection.

Climate change is causing injuries, illnesses, and deaths, with any increase in global temperature projected to further increase morbidity and mortality from most climate-sensitive health outcomes if actions are not taken to rapidly increase adaptation and reduce greenhouse gas emissions. Of particular concern are heat-related morbidity and mortality and ozone-related mortality if emissions needed for ozone formation remain high. Urban heat islands often amplify the impacts of heatwaves in cities.

Risks for some vector-borne diseases, such as malaria and dengue fever, are projected to increase with warming from 1.5°C to 2°C, including potential shifts in their geographic range and changes in their seasonal distribution. Undernutrition is projected to increase with additional warming. Separately, increasing concentrations of carbon dioxide are expected to reduce the nutritional quality of significant cereal crops. Other potentially large risks are insufficiently quantified, such as the impacts of climate variability and change on a range of climate-sensitive health outcomes, such as diarrheal diseases, occupational heat stress, mental health, and migration and displacement. Vulnerable populations and regions will be differentially affected, with the potential to increase poverty and inequities.

Students will gain foundational knowledge in the health effects of global environmental changes, particularly climate change, benefits of policies and technologies to reduce greenhouse gas emissions and adaptation needs and strategies.

Learning Objectives

Students will be able to:

- Identify the major global environmental changes and the upstream drivers behind these changes
- Identify the health risks of climate variability and change, including the sources of vulnerability and exposure to those risks
- Identify highly vulnerable populations domestically and globally
- Identify key interventions to promote climate-resilient health systems
- Enumerate key issues in implementing, monitoring, evaluating, learning from, and continuously updating, adaptation policies and programs

- Identify the health co-benefits of mitigation policies to reduce greenhouse gas emissions

Expectations of students

Students are expected to prepare for, attend, and participate in class discussions via Zoom, demonstrate knowledge of assigned readings, and demonstrate teamwork/professionalism. Students are also expected to take the midterm exam, the final exam, and write one paper on a relevant topic chosen between the student and the instructors. (see Grades)

Grades

- **30%** midterm exam
- **30%** final exam
- **30%** paper
- **10%** reading questions

We will use the UW's grading guidelines, available at <http://depts.washington.edu/grading/practices/guidelines.html> [↗](http://depts.washington.edu/grading/practices/guidelines.html) (<http://depts.washington.edu/grading/practices/guidelines.html>).

Grades for each assignment will be posted online, accessible through the course website.

Requirements

Assigned textbook and readings. Readings will be assigned every week to be completed before class. The readings will be from the assigned textbook or other sources. Alternative media sources such as videos will be included to allow for a comprehensive overview of the body of information.

Textbook:

Global Climate Change and Human Health: From Science to Practice

George Luber (Editor), Jay Lemery (Editor)

ISBN: 978-1-118-50557-1

November 2015, Jossey-Bass

The textbook can be accessed online for **free** through the UW library. To access go to the following link and use your UW NetID. If you have trouble accessing the textbook, please let the TA's know.

Textbook (online version): [↗](https://alliance-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=CP51261888670001451&context=L&vid=UW&lang=en_US&search_scope=all&adaptor=Local%20Search%20Engine&tab=default_tab&query=any,contains,GI) (https://alliance-primo.hosted.exlibrisgroup.com/primo-explore/fulldisplay?docid=CP51261888670001451&context=L&vid=UW&lang=en_US&search_scope=all&adaptor=Local%20Search%20Engine&tab=default_tab&query=any,contains,GI)

Reading Questions: Reading assignments will be given nearly every week. These readings will supplement the lectures, as well as be a source for in-class discussion. The majority of these readings will come from the textbook (Luber), while others will come from other sources and be provided on the canvas page. To facilitate discussion and contribute to your grade, you will be asked to submit two questions or comments on each reading by Midnight the day before class. Questions or comments will be submitted through the Canvas discussion page, which will close by Midnight the day before class. **No late submissions will be accepted.** You will be allowed to miss two reading questions submissions and still receive full credit.

Exams: The midterm exam will take place during the 5th week of classes (**Feb. 3, 2021**) covering course materials until that point. It will be an online exam consisting of multiple choice, short answer, and essay questions.

The final exam will take place via Canvas during finals week and will be cumulative with a focus on the new materials after the midterm. The exam will consist of multiple choice, short answer, and essay questions.

Paper. Students will write a paper on some aspect of the health risks of global environmental change, reviewing a particular health risk, or describing adaptation or mitigation options to reduce that risk, in the context of a specific country or city. The paper will be at least 10 double-spaced pages and contain a minimum of 10 references that are peer-reviewed, scholarly articles found in scientific journals. A grading rubric will be provided for the paper. A one-paragraph summary and outline of the topic for the individual paper will be due one week after the mid-term exam on **Monday, February 8th**. The paper will be due at the start of class on **Monday, March 9**. Please include your name in the file name.

Extra Credit: Students may receive extra credit for virtually attending events throughout the quarter relevant to the course materials and submitting a short essay about the event. Eligible events will be posted on Canvas, but we also welcome suggestions from students. Please confirm with the TAs that the event is relevant before doing this assignment.

UW Writing and Research Center. The Odegaard Writing & Research Center (OWRC) offers free, one-to-one, 45-minute tutoring sessions for undergraduate, graduate, and professional writers in all fields at the UW. We will work with writers on any writing or research project, as well as personal projects such as applications or personal statements. Our tutors and librarians collaborate with writers at any stage of the writing and research process, from brainstorming and identifying sources to drafting and making final revisions. For more information or to schedule an appointment, please see our website (<http://depts.washington.edu/owrc> [↗](https://depts.washington.edu/owrc) (<https://depts.washington.edu/owrc>)).

Microsoft Word. It is beneficial in this course for students to have access to Microsoft Word. The Microsoft Office suite is available for free to all UW students and can be downloaded from this online site (<https://itconnect.uw.edu/wares/uware/microsoft/microsoft-software-for-students/> [↗] (<https://itconnect.uw.edu/wares/uware/microsoft/microsoft-software-for-students/>)). If you have additional questions, please contact the TA's.

UW Disability Statement [↗] (<http://depts.washington.edu/uwdrs/faculty-resources/syllabus-statement/>)

Access and Accommodations: Your experience in this class is important to us, and 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 experience barriers based on a disability or temporary health condition, please seek a meeting with DRS to discuss and address them. If you have already established accommodations with DRS, please communicate your approved accommodations to your instructor at your earliest convenience so we can discuss your needs in this course.

Disability Resources for Students (DRS) offers resources and coordinates reasonable accommodations for students with disabilities and/or temporary health conditions. Reasonable accommodations are established through an interactive process between you, your instructor(s) and DRS. If you have not yet established services through DRS, but have a temporary health condition or permanent disability that requires accommodations (this can include but not limited to; mental health, attention-related, learning, vision, hearing, physical or health impacts), you are welcome to contact DRS at 206-543-8924 or uwdrs@uw.edu (<mailto:uwdrs@uw.edu>) or [disability.uw.edu](http://depts.washington.edu/uwdrs/) [↗] (<http://depts.washington.edu/uwdrs/>)

Academic Integrity Statement

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](http://sph.washington.edu/students/academicintegrity/) [↗] (<http://sph.washington.edu/students/academicintegrity/>). 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.

Religious Accommodation Statement

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/>). Accommodations must be requested within the first two weeks of this course using the [Religious Accommodations Request form](https://registrar.washington.edu/students/religious-accommodations-request/) [↗] (<https://registrar.washington.edu/students/religious-accommodations-request/>).

Email Policy

Emails received after 5 pm will be answered within 24 hours whenever possible, and not before 9 am the following morning.

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 the classroom climate to talk to your instructor, your advisor, a member of the departmental or SPH Diversity Committee and/or the program director. vg@uw.edu (<mailto:vg@uw.edu>) is a resource for students with classroom climate concerns.

Commitment to Diversity & Classroom Climate

We seek to ensure all students are fully included in this course. We strive to overcome systemic racism and power imbalances by creating an environment that reflects community and mutual caring, while we ally with others in combating all forms of social oppression. This is a work in progress, as transformation is rarely a fully-completed project. In this course, we will look for opportunities to improve our performance as we seek to break down institutional racism. This can include course readings, class interactions, faculty performance, and/or the institutional environment.

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

1. 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.
2. 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.

On our first day of class, we will create ground rules together to follow in promoting a productive learning environment for all members of the class. I am committed to making this class an equitable learning environment. Please talk with me right away if you experience disrespect in this class from other students and/or from me, and I will work to address it in an educational manner.

Reporting Learning Environment Concerns

The School of Public Health (SPH) Office of the Dean has a [student concern policy](https://sph.washington.edu/students/student-concern-policy), a faculty concern policy and standard HR procedures for staff concerns. Students are encouraged to report concerns in any of the following ways:

- Report the incident to someone you feel comfortable with, including teaching staff, an advisor or department staff;
- Contact Department of Global Health (DGH) leadership:
- DGH Associate Chair for Academic Programs Susan Graham at grahamsm@uw.edu
- The DGH Diversity, Equity & Inclusion (DEI) Committee and DEI director at [dghdeicomm@uw.edu](mailto:dghdeicomm@uw.edu?subject=DGH%20DEI%20committee)
- Contact School of Public Health (SPH) leadership:
- SPH Assistant Dean for Equity, Diversity & Inclusion Dr. Victoria Gardner at vg@uw.edu
- Email dcinfo@uw.edu to file a non-anonymous, confidential report (tracked by Director for Student & Academic Services and Assistant Dean for Equity, Diversity & Inclusion)
- Send an anonymous and confidential report using the bias concern form [here](https://sph.washington.edu/form/bias-concerns). Report is received by the Assistant Dean for EDI and the Director for Student & Academic Services and tracked for investigation and/or resolution. Reporter can remain completely anonymous but will not receive a response.

Class Schedule

Class	Topic	Instructor	Reading Assignments
WEEK 1			
Class 1 MON 1/4	Welcome to the Anthropocene: An introduction	Ebi	No reading assignments
WEEK 1			
Class 2 WED 1/6	Sustainable Development Goals	Ebi	Reading assignments: TBD
WEEK 2			
Class 3 MON 1/11	Weather, climate, climate variability, and climate change	Bumbaco	Luber/Lemery Text Chapter 1: Primer on Climate Science
WEEK 2			
Class 4 WED 1/13	Health exposures: weather, climate variability, climate change, and climate change epidemiology	Ebi	<ul style="list-style-type: none"> • McMichael AJ. 2001. Global environmental change as "risk factor": can epidemiology cope? AJPH 91:1172-1175 • Xun et al. 2010. Climate change epidemiology: methodological challenges. Int J Public Health 55:85-96. • Luber/Lemery Text Chapter 13: Climate Change Health Impact Projections: Looking into the Future
WEEK 3			
MON 1/18	Martin Luther King Day - No Class		No reading assignments
WEEK 3			
Class 5 WED 1/20	Framework for understanding and managing risks; vulnerability and adaptation assessments	Boyer	Luber/Lemery Text Chapter 12: Climate and Health Vulnerability Assessments: A Practical Approach
WEEK 4			
	Extreme weather and climate events and their	Ebi	Luber/Lemery Text Chapter 3: Extreme and Changing Meteorological Conditions on the Human Health Condition

3/2/2021

Class 6 health impacts

MON

Annual Disaster Statistical Review (CRED)

1/25

WEEK 4

Class 7 Air quality, including
WED aeroallergens, and
health

Ebi

Luber/Lemery Text Chapter 5: Ozone, Oppressive Air Masses, and Degraded Air Quality

1/27

WEEK 5

Class 8 Environmental Justice
MON and Equity

Mendez

Reading assignments: TBD

2/1

WEEK 5

Class 9
WED **MIDTERM EXAM**

No reading assignments

2/3

WEEK 6

Class 10 Vector Borne diseases
MON Morin

Luber/Lemery Text Chapter 8: Climate and Its Impacts on Vector-Borne and Zoonotic Diseases

Paper topic paragraph due

2/8

WEEK 6

Class 11 Food security
WED

Ebi / Jen
Otten

Luber/Lemery Text Chapter 9: Addressing the Challenges of Climate Change to Food Security, Safety, and Nutrition

2/10

WEEK 7

MON **President's Day - No
Class**

No reading assignments

2/15

WEEK 7

Class 12 Assessing and
WED communicating health
risks

Ebi

Luber/Lemery Text Chapter 16: Protecting Environmental Justice Communities from the Detrimental Impacts of Climate Change

2/17

WEEK 8

Class 13 Climate policy and
MON health co-benefits

Ebi

Luber/Lemery Text Chapter 17: International Perspective on Climate Change Adaptation

Luber/Lemery Text Chapter 18: Health Co-Benefits of Climate Mitigation Strategies

Luber/Lemery Text Chapter 19: Mitigation: International Institutions and Global Governance

2/22

WEEK 8 Disaster policy and risk
Class 14 management

Errett

Reading assignments: TBD

WED

2/24

WEEK 9Class 15 Changes in our land
MON and oceans

Ebi

[SPM IPCC Special Report on Climate Change and Land](https://www.ipcc.ch/srccl/chapter/summary-for-policy-makers/) [↗] (<https://www.ipcc.ch/srccl/chapter/summary-for-policy-makers/>)[SPM IPCC Special Report on the Ocean and Cryosphere in a Changing Climate](https://www.ipcc.ch/srocc/chapter/summary-for-policy-makers/) [↗] (<https://www.ipcc.ch/srocc/chapter/summary-for-policy-makers/>)

3/1

WEEK 9Class 16 Health risks of
WED biodiversity loss

Hess

[The global assessment report on Biodiversity and Ecosystem Services SPM](https://ipbes.net/sites/default/files/inline/files/ipbes_global_assessment_report_summary_for_policy-makers.pdf) [↗]https://ipbes.net/sites/default/files/inline/files/ipbes_global_assessment_report_summary_for_policy-makers.pdf

3/3

WEEK 10Class 17 Panel of students
MON working on climate and
health at UWPhd and
MPH
students

No reading assignments

3/8

PAPER DUE**WEEK 10**Class 18 Course review and
WED preparation for final
exam

Ebi

No reading assignments

3/10

March 15**8:30 -
10:20 FINAL EXAM****Online****Course Summary:**

Date	Details	Due
Mon Jan 4, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842909&include_contexts=course_1434481)	10am to 11:30am
Tue Jan 5, 2021	 Questions / comments for assigned readings: Jan. 6 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913193)	due by 11:59pm
Wed Jan 6, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842910&include_contexts=course_1434481)	10am to 11:30am
Sun Jan 10, 2021	 Questions/ comments for assigned readings: Jan. 11 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913188)	due by 11:59pm
Mon Jan 11, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842911&include_contexts=course_1434481)	10am to 11:30am

Date	Details	Due
Tue Jan 12, 2021	 Questions/ comments for assigned readings: Jan. 13 2020 https://canvas.uw.edu/courses/1434481/assignments/5913189	due by 11:59pm
Wed Jan 13, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842912&include_contexts=course_1434481	10am to 11:30am
Sat Jan 16, 2021	 Introduction Survey https://canvas.uw.edu/courses/1434481/assignments/5989012	due by 11:59pm
Mon Jan 18, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842913&include_contexts=course_1434481	10am to 11:30am
	 Environmental Caucus Meeting - Terry Root (EXTRA CREDIT REFLECTION) https://canvas.uw.edu/courses/1434481/assignments/6028743	due by 11:59pm
Tue Jan 19, 2021	 Questions / comments for assigned readings: Jan. 20 2020 https://canvas.uw.edu/courses/1434481/assignments/5913190	due by 11:59pm
Wed Jan 20, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842914&include_contexts=course_1434481	10am to 11:30am
Sun Jan 24, 2021	 Questions / comments for assigned readings: Jan. 25 2020 https://canvas.uw.edu/courses/1434481/assignments/5913191	due by 11:59pm
Mon Jan 25, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842915&include_contexts=course_1434481	10am to 11:30am
Tue Jan 26, 2021	 Questions / comments for assigned readings: Jan. 27 2020 https://canvas.uw.edu/courses/1434481/assignments/5913192	due by 11:59pm
Wed Jan 27, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842916&include_contexts=course_1434481	10am to 11:30am
	 Optional: Submit potential questions for Midterm https://canvas.uw.edu/courses/1434481/assignments/5913179	due by 12pm
Mon Feb 1, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842917&include_contexts=course_1434481	10am to 11:30am
Wed Feb 3, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842918&include_contexts=course_1434481	10am to 11:30am
	 Midterm Exam https://canvas.uw.edu/courses/1434481/assignments/6063650	due by 5pm
	 Midterm Exam (Word Version) https://canvas.uw.edu/courses/1434481/assignments/6068980	due by 5pm

Date	Details	Due
	<p> Midterm Exam (Word Version) (https://canvas.uw.edu/courses/1434481/assignments/6070087)</p>	due by 5:10pm
	<p> Climate Change & Anxiety Workshop - 1/27 (EXTRA CREDIT REFLECTION) (https://canvas.uw.edu/courses/1434481/assignments/6052516)</p>	due by 11:59pm
	<p> Midterm Exam (Word Version) (https://canvas.uw.edu/courses/1434481/assignments/6068176)</p>	due by 11:59pm
Sun Feb 7, 2021	<p> Questions / comments for assigned readings: Feb. 8 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913182)</p>	due by 11:59pm
Mon Feb 8, 2021	<p> ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842919&include_contexts=course_1434481)</p>	10am to 11:30am
	<p> Paragraph Summary of Paper Topic (https://canvas.uw.edu/courses/1434481/assignments/5913181)</p>	due by 10am
Tue Feb 9, 2021	<p> Midterm Exam (https://canvas.uw.edu/courses/1434481/assignments/6063650) (1 student)</p>	due by 3pm
	<p> Questions / comments for assigned readings: Feb. 10 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913183)</p>	due by 11:59pm
Wed Feb 10, 2021	<p> ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842920&include_contexts=course_1434481)</p>	10am to 11:30am
	<p> Amanda Gorman - Climate Change Poem (EXTRA CREDIT REFLECTION) (https://canvas.uw.edu/courses/1434481/assignments/6067612)</p>	due by 11:59pm
Mon Feb 15, 2021	<p> ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842921&include_contexts=course_1434481)</p>	10am to 11:30am
Tue Feb 16, 2021	<p> Questions / comments for assigned readings: Feb. 17 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913184)</p>	due by 11:59pm
Wed Feb 17, 2021	<p> ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842922&include_contexts=course_1434481)</p>	10am to 11:30am
Sun Feb 21, 2021	<p> Questions / comments for assigned readings: Feb. 22 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913185)</p>	due by 11:59pm
Mon Feb 22, 2021	<p> ENV H 220 A Wi 21: Global Environmental Change And Public Health (https://canvas.uw.edu/calendar?event_id=1842923&include_contexts=course_1434481)</p>	10am to 11:30am
Tue Feb 23, 2021	<p> Questions / comments for assigned readings: Feb. 24 2020 (https://canvas.uw.edu/courses/1434481/assignments/5913186)</p>	due by 11:59pm

Date	Details	Due
Wed Feb 24, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842924&include_contexts=course_1434481	10am to 11:30am
Sun Feb 28, 2021	 Questions / comments for assigned readings: Mar. 1 2020 https://canvas.uw.edu/courses/1434481/assignments/5913194	due by 11:59pm
Mon Mar 1, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842925&include_contexts=course_1434481	10am to 11:30am
Tue Mar 2, 2021	 Questions / comments for assigned readings: Mar. 3 2020 https://canvas.uw.edu/courses/1434481/assignments/5913195	due by 11:59pm
Wed Mar 3, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842926&include_contexts=course_1434481	10am to 11:30am
Mon Mar 8, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842927&include_contexts=course_1434481	10am to 11:30am
	 Final Paper https://canvas.uw.edu/courses/1434481/assignments/5913177	due by 11:59pm
Wed Mar 10, 2021	 ENV H 220 A Wi 21: Global Environmental Change And Public Health https://canvas.uw.edu/calendar?event_id=1842928&include_contexts=course_1434481	10am to 11:30am
Mon Mar 15, 2021	 Final Exam https://canvas.uw.edu/courses/1434481/assignments/5913175	due by 10:30am