

Updated June 26, 2026

Graduate Certificate in Climate Change and Health (GCeCCH) Elective Course List					
Course #	Course Name	Quarter	Credits	Offered Jointly	Pre-requisite(s)
<b>Atmospheric and Climate Science</b>					
<a href="#">ATMOS 585</a>	Climate Impacts On The Pacific Northwest	SP	4	ESS 585, ENVIR 585, SMEA 585	
<a href="#">ATMOS 588</a>	The Global Carbon Cycle and Climate	W	3	OCEAN 588, ESS 588	
<a href="#">ATMOS 593</a>	Climate Science Seminar	W	1	ESS 593, OCEAN 593	
<b>Engineering</b>					
<a href="#">CET 565</a>	Climate Change And Energy	W	5		
<a href="#">CET 566</a>	Environmental Analysis And Assessment	SP	5		
<a href="#">CET 567</a>	Health And Sustainable Transportation	A	4		
<a href="#">CET 569</a>	Policy Development, Finance, And Sustainable Transportation	SP	5		
<a href="#">CET 583</a>	Transportation Energy And Sustainability	SP	3		
<a href="#">CESI 588</a>	Energy Infrastructure And The Environment	A	3		
<b>Environmental Health</b>					
<a href="#">ENV H 501</a>	Foundations Of Environmental And Occupational Health	A	4		
<a href="#">ENV H 518</a>	Understanding And Managing The Health Risks of Climate Change	W	3	GH 518	

<a href="#">ENV H 539</a>	One Health: Human And Animal Health In A Changing Environment	W	3	G H 548	
<a href="#">ENV H 541</a>	Food Protection	A	3		
<a href="#">ENV H 544</a>	Antimicrobial Resistance Impact On The Environment And Public Health	A	4		
<a href="#">ENV H 547</a>	Environmental Change And Infectious Disease	SP	3		
<a href="#">ENV H 548</a>	Community Air Pollution	SP	3		SPH graduate student or permission.
<a href="#">ENV H 577</a>	Risk Assessment For Environmental Health Hazards	A	4	CEWA 560, PUBPOL 589	
<a href="#">ENV H 579</a>	Climate Change And Public Health Practice	SP	3	G H 520	
<b>Geography</b>					
<a href="#">GEOG 514</a>	GIS Problem Solving	SU	5		
<a href="#">GEOG 561</a>	Urban Geographic Information Systems	W	5		Minimum grade of 2.0 in GEOG 560 or permission of instructor.
<b>Global Health</b>					
<a href="#">G H 501</a>	Core Topics In Global Health	A	1		
<a href="#">G H 539</a>	Analyzing Qualitative Data	W	3		Recommended Prep: Prior coursework in qualitative research methods including study designs and data collection procedures.
<a href="#">G H 541</a>	Fundamentals Of Implementation Science In Global Health	A, SP	4, 5	HMS 541	

<a href="#">G H 544</a>	Maternal And Child Health In Low And Middle Income Countries	W	3	HSERV 544	
<b>Health Services</b>					
<a href="#">HSERV 548</a>	Research Methods For Social And Contextual Determinants Of Health	W	3	EPI 548	One of the following: (1) EPI 511 or EPI 513; and BIOST 513 or BIOST 518; (2) PHI 514; (3) HSERV 523; (4) permission of instructor.
<b>Infrastructure Planning And Management</b>					
<a href="#">IPM 502</a>	Introduction To Infrastructure Systems	A	3	URBAN 581	
<a href="#">IPM 505</a>	Climate Change And Infrastructure	SP	3	URBAN 563	
<a href="#">IPM 508</a>	Risk Assessment And Business Continuity	A	3	URBAN 583	
<a href="#">IPM 510</a>	Water Systems	A, W	3	URBAN 584	
<a href="#">IPM 511</a>	Food Systems	SU	3	URBAN 572	
<b>Public Policy</b>					
<a href="#">PUBPOL 593</a>	Climate Change And Energy Policy	A	4		
<b>School of Environment and Forest Resources</b>					
<a href="#">SEFS 565</a>	Climate Change Vulnerability, Adaptation, and Societal Transformation	W	4		
<b>School of Law</b>					
<a href="#">LAW E 597</a>	Global Warming And Justice Seminar	W, SP	4		
<a href="#">LAW E 598</a>	Climate Change Law	SP	3, 4		
<b>School of Marine and Environmental Affairs</b>					
<a href="#">SMEA 500</a>	Marine and Environmental Affairs Theory and Practice	A	3		

**Graduate Certificate in Climate Change and Health (GCeCCH) Elective Course List - *not currently scheduled in MyPlan***

<b>Course #</b>	<b>Course Name</b>	<b>Quarter</b>	<b>Credits</b>	<b>Offered Jointly</b>	<b>Pre-requisite(s)</b>
<a href="#">ARCH 564</a>	Environmental Design And Well-Being		3		
					Either ESS 587/ATMOS 587/ OCEAN 587, ATMOS 504, or ATMOS 505/AMATH 505/ OCEAN 511.
<a href="#">ATMOS 559</a>	Climate Modeling		3	ESS 559, OCEAN 558	
<a href="#">ATMOS 586</a>	Current Research in Climate Change		2	ESS 586, OCEAN 586	
<a href="#">ENV H 508</a>	Disaster Risk Reduction, Resilience, and Population Health Seminar		1		
<a href="#">ENV H 538</a>	Public Health And The Built Environment		2	URBAN 538	
<a href="#">GEOG 564</a>	GIS And Decision Support		5		GEOG 560 or equivalent.
<a href="#">G H 534</a>	Statistical Methods For Spatial Epidemiology		3	BIOST 555, EPI 555	Either BIOST 513, BIOST 518, BIOST 522, SOC 506/CS&SS 507, or STAT 512.
<a href="#">G H 555</a>	Nutrition in Developing Countries		3	NUTR 555	
<a href="#">HSERV 514</a>	Social Determinants Of Population Health And Health Disparities		3	EPI 547	
<a href="#">IPM 514</a>	Transportation Systems		3	URBAN 589	
<a href="#">PUBPOL 513</a>	Public Policy Analysis		4		Permission of Instructor. Recommended Prep: PUBPOL 516, PUBPOL 517.

---

<a href="#">PUBPOL 531</a>	Development Management And Governance	4
<a href="#">PUBPOL 582</a>	Communicating Climate Change	4
<a href="#">LAW B 564</a>	Women, Poverty, And Natural Resource Management	2, 3
<a href="#">SMEA 521</a>	Climate Change Governance	3
<a href="#">SOC W 527</a>	Globalization And Translational Practice	3

---