

CLIMATE CHANGE GRADUATE ACADEMIC CERTIFICATE

At least half of the credits completed towards the certificate must be in graduate level coursework, and all required coursework must be completed with a grade of 'B' or better (O-10-b).

Code	Title	Hours
GEOG 513	Global Climate Change	3
Select three courses from the following:		9
BE 553	Northwest Climate and Water Resources Change	
GEOG 430	Climate Change Ecology	
GEOG 455	Societal Resilience and Adaptation to Climate Change	
GEOG 488	Geography of Energy Systems	
GEOG 517	Tree Rings and Environmental Change	
GEOG 535	Climate Change Mitigation	
GEOL 535	Glaciology and the Dynamic Frozen Earth	
GEOL 562	Petroleum Systems and Stratigraphic Concepts	
SOC 466	Climate Change and Society	
Total Hours		12

Courses to total 12 credits for this certificate

1. Demonstrate a depth of knowledge of global climate challenges and problems.
2. Demonstrate the ability to synthesize information related to solutions to current climate change challenges.
3. Demonstrate a depth of knowledge of global climate change adaptation and mitigation solutions.
4. Demonstrate a depth of knowledge of subject matter areas related to global climate change including water and energy systems and understand how they related to climate change.
5. Communicate effectively and professionally.