

Certificate in Climate Science for Educators

This certificate allows educators to investigate the important topic of climate science and its impact on our planet, while developing an understanding of and ability to communicate the current state of climate change and the science surrounding climate change. Using new knowledge and pedagogy, create custom lesson plans and instruct your students in the use of weather instrumentation.

Students will successfully complete 12 credits selected from MS in Science Education (MSSE) Program Course Catalog (<https://www.montana.edu/msse/course-catalog/>):

BIOE 595	Ecology and Conservation of the World's Marine Ecosystems for Teachers (Fall-Online)	3
BIOE 596	Land Use Issues in GYE for Teachers (Summer-On Campus)	2
CHMY 595	Chemistry of the Environment for Teachers (Summer-Online)	3
EELE 508	Solar Cell Basics for Teachers (Summer-On Campus)	2
ERTH 519	Watershed Hydrology for Teachers (Spring-Odd Years-Online)	3
ERTH 520	Fundamentals of Oceanography for Teachers (Summer-Online)	3
ERTH 523	Weather for Elementary and Middle School Teachers (Spring-Online)	3
ERTH 524	K-14 Earth System Science (Fall-Online)	3
ERTH 525	Landforms for Elementary Teachers (Summer-Online)	1
ERTH 527	Weather & Climate for Teachers (Spring-Online)	3
ERTH 528	Climate Change for Teachers (Summer-Online)	3
ERTH 596	Geology of Glacier National Park for Teachers (Summer-On Campus)	2
MB 536	Exploring Microbiology (Summer-Even Years-Online)	3
MB 540	Environmental Microbiology (Summer-Odd Years-Online)	3
MSSE 503	Integrating Literature into the Biology/Life Science Classroom (Spring-Online)	3
PHSX 597	Physics of Renewable Energy for Teachers (Summer-Online)	3