

WEATHER HAZARDS AND PREPAREDNESS, CERTIFICATE

Impacts of hazardous weather as it relates to human activity, business, and emergency management. Physical causes and effects of extreme weather and climate, along with societal mitigation, preparedness, and response to hazardous weather events will be explored. This certificate requires a minimum of 16 credits in the courses listed below.

For more information about Earth Science, please visit the program page (<http://www.cod.edu/earth-science/>).

Certificate Requirements

Field of Study Code: EARTH.CER

Code	Title	Credits
Program Requirements		
EARTH 1111	Climate and Global Change	3
EARTH 1115	Severe and Unusual Weather	4
EARTH 1116	Weather Analysis and Forecasting I	1
EARTH 1119	Weather Impacts and Preparedness	3
CRIMJ 1148	Emergency Management I	3
Program Electives		
Select two to three credits from the following:		2-3
CRIMJ 2130	Emergency Management II	
EARTH 1117	Weather Analysis and Forecasting II	
EARTH 2116	Adv Weather Analysis & Forecasting I	
GEOGR 1151	Geographic Information Systems I	
Total Credits		16-17

Suggested Semester Sequence

Required Courses

Code	Title	Credits
EARTH 1111	Climate and Global Change	3
EARTH 1115	Severe and Unusual Weather	4
EARTH 1116	Weather Analysis and Forecasting I	1
EARTH 1119	Weather Impacts and Preparedness	3
CRIMJ 1148	Emergency Management I	3
Total Credits		14

Elective Courses

Code	Title	Credits
EARTH 1117	Weather Analysis and Forecasting II	1
EARTH 2116	Adv Weather Analysis & Forecasting I	1
CRIMJ 2130	Emergency Management II	3
GEOGR 1151	Geographic Information Systems I	3

Program Milestones

- Consider joining or visiting with a professional, cultural or interest-based Student Club (http://cod.edu/student_life/clubs_org/).
- If you have not done so yet this semester, it is important to make an appointment with a Faculty or Program Advisor (<https://>

www.cod.edu/academics/divisions/math-natural-sciences/faculty.aspx) to discuss your future academic progress.

This page lists programs related to one another.

- Astronomy Transfer Pathway, AS (<https://catalog.cod.edu/programs-study/earth-science/earth-science-astronomy-transfer-pathway-as/>)
- Earth Science Transfer Pathway, AS (<https://catalog.cod.edu/programs-study/earth-science/exploring-earth-science-transfer-pathway-as/>)
- Geology Transfer Pathway, AS (<https://catalog.cod.edu/programs-study/earth-science/earth-science-geology-transfer-pathway-as/>)
- Meteorology Transfer Pathway, AS (<https://catalog.cod.edu/programs-study/earth-science/earth-science-meteorology-transfer-pathway-as/>)