

**EARTH SCIENCE**
**CERTIFICATE**

The **Weather Hazards and Preparedness certificate** shows the impacts of hazardous weather as related 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.

**Field of Study Code: EARTH.CER**

**Total Credits Required ..... 16**

**Program Requirements ..... 14**

Earth 1111	Climate and Global Change .....	3
Earth 1115	Severe and Unusual Weather .....	4
Earth 1116	Weather Analysis & Forecasting I .....	1
Earth 1119	Weather Impacts & Preparedness .....	3
Crimj 1148	Emergency Management I .....	3

**Program Electives ..... 2 to 3**

Select two to three credits from the following courses.

Crimj 2130	Emergency Management II .....	3
Earth 1117	Weather Analysis and Forecasting II .....	1
Earth 2116	Advanced Weather Analysis & Forecasting I .	1
Geogr1151	Geographic Information System I .....	3