**Hazards and Emergency Management Certificate**

School of Environment, Society & Sustainability

University of Utah

260 Central Campus Drive, Gardner Commons Rm 4625

Salt Lake City, UT 84112

801-581-8218  
https://ess.utah.edu/

**Program requirements**

C or better in the following courses:

| **Category** | **Course Prefix & Number** | **Title** | **Credit Hours** |
| --- | --- | --- | --- |
| Required | ENV 2310 | Introduction to Natural Hazards | 3 |
| GEOG 5425 | Hate, Place, and Culture | 3 |
| GEOG 5340 | Geography of Disasters & Emergency Mgt | 3 |
| **Sub-Total** |  | **9** |
| Substantive Electives  (select 2) | ATMOS 1010 | Severe and Unusual Weather | 3 |
| FCS 3620 | Environment Psychology & Sustainability | 3 |
|  |  |  |
| \*GEO 5170 | GeoHazards & Engineering Geomorphology | 3 |
| GEOG 5215 | Climate Change Impacts, Adaptation & Mitigation | 3 |
| GEOG 3090 | Health Geography in the Age of Global Pandemics | 3 |
|  |  |  |
| \*PSY 3171 | Human Factors and Ergonomics | 3 |
| SOC 3569 | Terrorism, Violence and Aggression | 3 |
| **Sub-Total** |  | **6** |
| Technical Electives  (select 1) | \*GEOG 3100 | Intro to Geographic Information Science | 4 |
| GEOG 3110 | Introduction to Remote Sensing | 3 |
| **Sub-Total (minimum)** |  | **3-4** |
| **Certificate Total** | |  | **18-19credits** |

