

Extreme Medicine, Graduate Certificate

Overview

The Graduate Certificate in Extreme Medicine is an online interprofessional program designed to prepare healthcare professionals to provide medical services in austere conditions. The core didactic courses provide foundational instruction in human factors, crisis resource management, efficiency of highly skilled teams, and theory and ethics of care in humanitarian crises.

In addition to the certificate courses, students may take one or more optional on-ground experiential practicum courses offered in an executive format. Experiential courses enable students to complete intensive, hands-on training and apply the principles covered in the didactic courses. This program is offered in collaboration with World Extreme Medicine (WEM (<https://worldextrememedicine.com/>)).

Please visit Bouvé College Learning Outcomes for the specific student learning outcomes for this program.

Program Requirements

Complete all courses and requirements listed below unless otherwise indicated.

Core Requirements

A grade of B– or higher is required in each of the following:

Code	Title	Hours
MSCI 5001	Human Factors and Situational Awareness	3
MSCI 5002	Crisis Resource Management and Case Studies	3
MSCI 5003	Humanitarian Aid Practice and Principles	3
MSCI 5004	Humanitarian and Disaster Response Ethics	3

Program Credit/GPA Requirements

12 total semester hours required

Minimum 3.000 GPA required

Optional Courses

After completion of the above courses, students are eligible to register for any of the following using Bouvé College's Special Student (<https://registrar.northeastern.edu/article/non-matriculated-registration/>) registration process:

Code	Title	Hours
MSCI 5005	Care During Conflict	3
MSCI 5401	Human Factors and Situational Awareness Practicum ¹	2
MSCI 5402	Expedition and Cold Weather Medicine Practicum ¹	2
MSCI 5403	Expedition and Wilderness Medicine Practicum ¹	2
MSCI 5404	Tactical Medicine Practicum ¹	2
MSCI 5405	Humanitarian Medicine Practicum ¹	2

¹ *Please note:* Optional experiential courses may be restricted to licensed or credentialed professionals or to students in the last two years of study in a medical or allied health professional program. Additional fees may apply to experiential courses.