

# L0102: Science for Disasters

## Course Description

This FEMA course is part of a Career Development Program in which participants learn an established set of emergency management competencies through a progressive training and education system that includes the entry-level National Emergency Management Basic Academy.

The following topics in emergency management are covered in this course: Definition and benefits of science • Earth Science • Climatology • Chemical and biological basics • Explosive, radiological, and nuclear fundamentals

## Course Objectives

- Indicate how earth science principles and processes influence natural hazards, including earthquakes, volcanic eruptions, tsunamis, ground failures, and floods.
- Indicate how climatological principles and processes influence natural hazards, including convective storms, tropical cyclones, nor'easters, winter storms, temperature extremes, and droughts.
- Indicate how chemical and biological principles and processes influence natural and human-caused hazards and impact society.
- Indicate the scientific basis for explosive, radiological, and nuclear hazards and their impact on society.
- Indicate how scientific understanding can improve emergency preparedness.

## Audience

This course is intended for newly appointed emergency managers from federal, state, local, tribal, and territorial emergency management agencies and prospective professionals transferring from other disciplines to emergency management.

## Prerequisites

Participants must complete the following courses prior to enrollment:

- IS-100.b Introduction to the Incident Command System
- IS120.a Introduction to Exercises
- IS-200.b ICS for Single Resources and Initial Action Incidents
- IS 230.d Fundamentals of Emergency Management
- IS-700.a National Incident Management System, An Introduction
- IS-800.b National Response Framework, An Introduction

Classes may be taken at <http://training.fema.gov>.

## Dates & Times

June 3rd-5th, 2024

8:00 a.m. - 5:00 p.m. PST

## Location

Lewiston Public Health Office  
215 10th St.  
Lewiston, ID 83501

## Course Tuition

- No cost for tuition

## Registration

**Dual registration is required (IOEM & EMI).**

**Use this link to apply:**

[National Emergency Management Basic Academy \(NEMBA\) - Idaho 2024 Survey \(surveymonkey.com\)](https://www.surveymonkey.com)

Students who enroll with IOEM will receive a registration code & instructions to apply through the Emergency Management Institute (EMI).

**Registration closes on: 05/20/24**

## State Contact

Autumn McMurdie

[amcmurdie@imd.idaho.gov](mailto:amcmurdie@imd.idaho.gov)

208-972-7580

