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**Course:** L0102 – Science of Disaster

This course in the National Emergency Management Basic Academy is designed to provide the participants with an overview of scientific principles and concepts that shape our increasingly dangerous world.

The contents of the course include the following:

- Introduction to Science of Disaster provides a definition and benefits of science.
- Earth Science and National Hazards describes how the Earth's design sets the stage for the world's natural hazards.
- Science of Natural Hazards describes the scientific basis of common natural hazards.
- Prediction gives us the capability to expect the unexpected.
- Physical Science and Implications for Emergency Management identifies how emergency management can benefit from knowledge of the physical science of hazards.
- Biological and Chemical Threats identifies the scientific basis of biological and chemical threats.
- Explosive Threats identifies the scientific basis of those threats.
- Radiological and Nuclear Threats identifies the scientific basis of those threats.

**Audience:** This course is intended for newly appointed emergency managers from State, local, tribal, territorial, and Federal emergency management agencies, and prospective professionals transferring from another discipline to emergency management.

**Prerequisites:** Students must have completed all of the prerequisite EMI Independent Study courses before submitting their application for the L0101 course.

- [IS-100](#) (any version) – Introduction to the Incident Command System (ICS)
- [IS-120.a](#) – An Introduction to Exercise
- [IS-200](#) (any version) – ICS for Single Resources and Initial Action Incidents
- [IS-700](#) (any version) – National Incident Management System (NIMS), An Introduction
- [IS-800.b](#) – National Response Framework, An Introduction
- [IS-230.d](#) – Fundamentals of Emergency Management

**Dates and Times:** February 4-6, 2019

8:00 AM – 5:00 PM

**Location:** Louisiana State Police Headquarters: Main Office-Conference Room

7919 Independence Blvd.

Baton Rouge, La. 70806



LA Governor's Office of Homeland Security and Emergency Preparedness

L0102 – Science of Disaster

Baton Rouge, La

February 4-6, 2019

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**Registration:** To register, please send the most recent FEMA 119-25-1 (Nov.30, 2016) General Admission Application to:

Jesse Hines

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**Point of Contact:** Michael Zaruba

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**FEMA SID Requirement:** A FEMA SID is required to register for and participate in any training provided by FEMA. All FEMA training providers' registration systems and enrollment procedures require a valid FEMA SID. The FEMA SID will serve as your unique identifier and be used to maintain the record of FEMA training you attended. FEMA SID Registration: <https://cdp.dhs.gov/FEMASID/>

**Sponsored by:** Louisiana Governor's Office of Homeland Security and Emergency Preparedness (LA-GOHSEP)

**Delivered by:** FEMA Instructor(s)

**Hosted by:** Louisiana Governor's Office of Homeland Security and Emergency Preparedness (LA-GOHSEP)