



## Course: L0102 Science of Disaster

### Course Dates:

February 10 - 12, 2020

8:00 am - 5:00 pm each day

### Course Length:

This course is two days in length.

### Training Location:

Washington University School of Medicine

Mid Campus Center, Room 1404

4590 Childrens Place

St. Louis, MO 63110

### Course Description:

This course provides 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 describes how the Earth's design sets the stage for the world's natural hazards including earthquakes, volcanic eruptions, tsunamis, and landslides/sinkholes.
- Climatology describes the scientific basis of common atmospheric hazards including convective storms, tropical cyclones, and other hazardous weather.
- Chemical and biological basics identifies the scientific basis of chemical and biological threats.
- Explosive, radiological, and nuclear fundamentals identifies the scientific basis of those threats.

### Course Goal:

At completion of this course, students will have a basic understanding of scientific principles which govern the world around us and control how hazards and disasters unfold.

### Prerequisites:

If a participant is taking this course as part of the Academy, then he or she should take L0101, Foundations of Emergency Management, first (but not required). If a participant is taking this course on its own for its science information and not in fulfillment of the Academy requirements, there are no prerequisites.

### Continuing Education Units (CEU's):

EMI awards 2.4 CEUs for completion of this course.

### Target 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 another discipline to emergency management adults.

### To Apply:

Complete a FEMA Form 119-25-1, General Admissions Application form with student signature and signature of supervisor or sponsoring agency official. **Submit completed paper application and supporting prerequisites for the course to the State Emergency Management Training Office.**

Scan the QR Code, or click the link to download the application:



<https://training.fema.gov/Apply/>

**Out of State Students** must obtain the approval and signature of their Sponsoring Organization and their State Training Officer.

# TRAINING OPPORTUNITY

### **Application Review:**

In order to be evaluated for admission into this course, block #16 on the application form must be completed. Please refer to the Target Audience above and indicate how you meet the requirements based upon your position and experience.

### **Notice to Applicants for EMI courses:**

Individuals applying for EMI classes will be required to register using the FEMA Student Identification (SID) number.

### **How do I obtain my FEMA SID number?**

Step 1: [Register](https://cdp.dhs.gov/femasid) (https://cdp.dhs.gov/femasid)

Step 2: Click on the "Register for a FEMA SID" button on screen.

Step 3: Follow the instructions and provide the necessary information to create your account.

### **EMI Point of Contact:**

For additional information contact the course manager, Jeff Januchowski at (301) 447-1383 or by email at [jeffrey.januchowski@fema.dhs.gov](mailto:jeffrey.januchowski@fema.dhs.gov)

### **How to Register for the Course:**

<https://sematraining.com>

### **State of Missouri Training Point of Contact:**

[Laura Norris](#), State Training Officer

[laura.norris@sema.dps.mo.gov](mailto:laura.norris@sema.dps.mo.gov)

desk (573) 522-4098

fax (573) 526-9262

### **Lodging Information:**

- [Home2Suites by Hilton St. Louis/Forest Park](#)  
920 S Taylor Ave, St. Louis, MO 63116  
(314) 531-4446
- [The Parkway Hotel St. Louis](#)  
4550 Forest Park Ave, St. Louis, MO 63108  
(314) 256-7777
- [Drury Inn & Suites St. Louis Forest Park](#)  
2111 Sulphur Ave, St. Louis, MO 63139  
(314) 646-0770

### **Cost/Reimbursement Information:**

There is **NO** funding support to attend this course. All travel and meal expenses will be on your own.

### **Priority of FEMA's Basic Academy Certificate:**

Completion of all five courses collectively qualify a student for certificate of completion:

- **L101** Foundations of Emergency Management
- **L102** Science of Disaster
- **L103** Planning: Emergency Operations
- **L105** Public Information & Warning
- **L146** Homeland Security Exercise Evaluation Program (HSEEP)

### **Missouri's FEMA Basic Academy Offering:**

- L101: October 28 - November 1, 2019 (5 days)
- L102: February 10 - 12, 2020 (3 days)
- L103: February 13 - 14, 2020 (2 days)
- L146: April 6 - 7, 2020 (2 days)
- L105: April 8 - 9, 2020 (2 days)

Priority will be given to those students seeking the full Basic Academy certificate who register for **all five courses** by September 6, 2019. After September 6, 2019 individual course registrations will be accepted on a case-by-case basis.

# TRAINING OPPORTUNITY