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.
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

How to Register for the Course:
[https://sematraining.com](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.