

12 MONTHS OF RESEARCH SAFETY SEPTEMBER 2023 LABORATORY TRAINING

Laboratory Training Requirements

Training is a critical component of any integrated laboratory safety program. Training is intended to provide the understanding, technical knowledge, and tools that the trainee can use to improve their daily laboratory safety practices. Training requirements are mandated by federal, state, and local regulations. UCR provides many of these training modules through the [UC Learning Center](#).

There are 2 types of laboratories on campus - **wet labs** where biological/chemical/radiological hazards may be present and **dry labs** where biological/chemical/radiological hazards are **not present**. They each have specific training requirements based on hazards that may be present.

Additional training courses will be required for all individuals who work with specific hazards. See [Research Approval and Training Requirements Matrix](#) for complete list.

In addition, all laboratory personnel should receive site-specific training about the lab they work in. See the link on page 2 for the site-specific training checklist.

Minimum Required Training Courses & Frequency

Dry Labs (NO biological/chemical/radiological hazards present)

- [Safety Orientation](#) (every 3 years)
- [Fire Extinguisher Online Training](#) (annual)

Wet Labs (biological/chemical/radiological hazards present)

- [Laboratory Safety Fundamentals](#) (initial)
 - Note: Safety Orientation does not satisfy the requirement for Laboratory Safety Fundamentals for wet labs.
 - [Laboratory Safety Fundamentals Refresher](#) (every 3 years after initial training)
- [Fire Extinguisher Online Training](#) (annual)
- [Hazardous Materials & Waste Management](#) (annual)

CONTACT US

Phone: 951-827-5528

Email: ehslaboratory@ucr.edu

Website: <https://ehs.ucr.edu/laboratory>

Report an Incident, Injury or Safety Concern [Here](#)



12 MONTHS OF RESEARCH SAFETY SEPTEMBER 2023 **LABORATORY TRAINING**

Required Hazard Specific Training Courses & Frequency

If you work with or in a lab that works with:	Required Training	Training Interval
Biological materials	Biosafety	Once
Bloodborne pathogens or human materials	Bloodborne Pathogens Online	Annual
Aerosol transmissible diseases or pathogens	Aerosol Transmissible Diseases (ATD)	Annual
Controlled substances	Controlled Substances	Every 3 years
Carcinogens	Carcinogen Safety	Once
Pyrophorics or water reactives	Flame Resistant Gloves	Once
Lasers	Laser Safety	Initial
Radiation	Radiation Safety - Initial Online Training Radiation Safety - Refresher Online Training	Initial Annually after initial

Laboratory Site-Specific Training Checklist

Note: Some checklist items are not applicable to dry labs and should be replaced with the appropriate training.

[Laboratory Site Specific Training Checklist](#)

Trouble accessing the trainings? Refer to [access guidance here](#).

CONTACT US

Phone: 951-827-5528

Email: ehslaboratory@ucr.edu

Website: <https://ehs.ucr.edu/laboratory>

Report an Incident, Injury or Safety Concern [Here](#)

