

Safety Training Curriculum for Laboratory Personnel

Core Required Courses

¹Available online at the [Learn@ISU](#).

<i>Required</i>	<i>Frequency</i>
Laboratory Safety: Core Concepts ¹	3 years
Emergency Response Guide Video ¹	3 years
Fire Safety and Extinguisher Training ¹ (The classroom course is recommended at least once for hands-on practice.)	Annually

Lab Safety Orientation is offered as a classroom course at the beginning of the Fall semester for incoming graduate students who will be working in laboratories. If students do not attend the orientation, they still need to complete the core required courses and any of the appropriate courses listed below.

Specific Laboratory Activity Requires Additional Training

<i>If you work with</i>	<i>Then take this course</i>	<i>Frequency</i>
Bloodborne pathogens	Bloodborne Pathogens and Sharps Safety ¹	Annually
Select agents	Biological Safety and Security Training for Select Agent Use ¹	Annually
Electrical equipment	Electrical Safety and Lockout/Tagout	3 years
Hazardous shipments	Hazardous Materials Shipping Awareness ¹	2 years
Lasers (Class 3B or 4)	Laser Safety for the Operator ¹	3 years
In a laser laboratory (Class 3B or 4)	Laser Safety Awareness ¹ (Not for laser operators)	3 years
Radioactive material	Radiation Safety for Material Users	Annually
In a radioactive material laboratory	Radioactive Materials Awareness Training ¹ (For those who do not handle radioactive material)	3 years
Radiation producing devices	X-ray Safety Fundamentals ¹	Annually
Sealed Sources	Sealed Source Radiation Safety ¹	Annually
Respirators	Respirator Training	Annually

Courses Strongly Recommended

<i>If you</i>	<i>Then take this course</i>	<i>Frequency</i>
Store chemicals	Laboratory Safety: Chemical Storage ¹	3 years
Use chemicals	Laboratory Safety: Spill Procedures ¹	3 years
Use a fume hood	Laboratory Safety: Fume Hoods ¹	3 years
Use compressed gases	Laboratory Safety: Compressed Gas Cylinders ¹	3 years
Inspect laboratories	Laboratory Safety: Laboratory Inspections	3 years
Use an autoclave and/or biosafety cabinet	Autoclave Safety ¹ Biosafety Cabinets: Working Safely ¹	3 years
Use sharp materials	Bloodborne Pathogens and Sharps Safety ¹	3 years

NOTE – Some courses do not require annual training. In these cases, the supervisor must more carefully monitor employee understanding and skill. If an employee exhibits lack of knowledge or if work conditions change, retraining may be required. If you have any further questions regarding what courses to complete, please discuss with your supervisor.