

Safety Training Matrix for LSU Research Personnel

Principal Investigators (PI), Lab Supervisors (LS), research personnel, graduate students & undergraduate students in research laboratories as well as general staff working in laboratories and animal housing facilities should use this Safety Training Matrix. It outlines the minimum medical & training requirements for personnel working in a research setting. Answer the questions below to determine which requirements apply to you. If you answer "Yes," the corresponding requirements apply.

Are you LSU/AgCenter Faculty, staff or a student who...		Complete Training Requirement																	
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
All	Work in a laboratory?	<input type="checkbox"/>																	
	Work in a laboratory that contains chemicals?	<input type="checkbox"/>																	
	Work in a research lab containing biologicals?	<input type="checkbox"/>																	
	Is a PI or Lab Supervisor?	<input type="checkbox"/>	<input type="checkbox"/>																
Chemical	Will use chemicals or work in a wet lab?			<input type="checkbox"/>															
	Work in a fume hood?			<input type="checkbox"/>															
	Work with compressed gas or cryogenics			<input type="checkbox"/>															
	Will use pyrophorics, explosives or large quantities of flammables?			<input type="checkbox"/>	<input type="checkbox"/>														
	Will use extremely hazardous chemicals?			<input type="checkbox"/>	<input type="checkbox"/>														
	Use mechanical or rotating equipment					<input type="checkbox"/>													
Biological	Will work with human materials (e.g. blood, specimens, tissue or cells)? *						<input type="checkbox"/>												
	Will use biohazardous materials?*							<input type="checkbox"/>	<input type="checkbox"/>										
	Will work in a Biosafety Level 2+ (BSL2+) lab?									<input type="checkbox"/>									
	Will use a Biological Safety Cabinet?										<input type="checkbox"/>								
	Will ship biological materials?											<input type="checkbox"/>							
	Will work with animals?												<input type="checkbox"/>	<input type="checkbox"/>					
Radiation	Will use a respirator?											<input type="checkbox"/>							
	Will work with radioactive materials?													<input type="checkbox"/>					
	Will work with lasers?													<input type="checkbox"/>					
Animal	Will work with radiation producing equipment													<input type="checkbox"/>					
	Will use a respirator?												<input type="checkbox"/>						
	Will handle animal carcasses, animal tissue or will have access to a vivarium?														<input type="checkbox"/>	<input type="checkbox"/>			
	Will have direct contact with live vertebrate animals?														<input type="checkbox"/>	<input type="checkbox"/>			
DLAM	Is a PI, Faculty Sponsor or personnel listed on an ARC Protocol?		<input type="checkbox"/>												<input type="checkbox"/>	<input type="checkbox"/>			
	Will work with animals?														<input type="checkbox"/>	<input type="checkbox"/>			
	Will perform a survival surgery procedure or a procedure requiring aseptic technique?														<input type="checkbox"/>	<input type="checkbox"/>			
	Will enter or have access to an animal barrier facility?														<input type="checkbox"/>	<input type="checkbox"/>			
IBR	Will enter or have access to an animal biocontainment facility?														<input type="checkbox"/>	<input type="checkbox"/>			
	Will work on a IBRDCS Project?		<input type="checkbox"/>																<input type="checkbox"/>
IRB	Will work with human subjects?																		<input type="checkbox"/>

Key	Training Section	Frequency	Contact
1	Basic Laboratory Safety	Annual	EHS
2	PI Laboratory Responsibilities	Annual	EHS
3	Managing Chemicals	Annual	EHS
4	Specific Chemical Hazards	Once	PI
5	Specific Physical Hazards	Once	PI
6	Blood-borne Pathogens	Annual	EHS
7	Introduction to Biosafety	Annual	PI
8	Biological Agents Management	3 Years	PI
9	Advanced Biological Training	Annual	EHS

Key	Training Section	Frequency	Contact
10	Biological Safety Cabinets (BSCs)	Annual	EHS
11	Packaging and Shipping Biologicals	Annual	PI
12	Respiratory Protection	Annual	EHS
13	Research Animals/Insects	Annual	DLAM
14	Radiation Safety	IN/AN	RS
15	Animal Safety	Once	DLAM
16	Working with Animals in Research	Once	DLAM
17	IBRDCS Project	Annual	EHS
18	IBR - Human Subjects Training	Once	IBR

