

Required Training for BSL-3

1. Completion of EHRS general lab safety requirements
 - a. Introduction to Laboratory and Biological Safety Part 1- EHRS (UP.83015.ITEM.INTROBPART1): online via Workday Learning; Required once
 - b. Introduction to Laboratory and Biological Safety Part 2- EHRS (UP.83015.ITEM.INTROBPART2): online via Workday Learning; Required once
Laboratory Safety Update-EHRS (UP.83015.ITEM.CHLUW): online via Workday Learning; Required every 2 years
 - c. Management of Laboratory Waste- UNIV (UP.83015.ITEM.WMLUW): online via Workday Learning; Required every 2 years
 - d. Biosafety Cabinet Operation- EHRS (UP.83015.ITEM.BCLIW): online via Workday Learning; Required once
 - e. Bloodborne Pathogens V2 (UP.83015.ITEM.BBPV2): online via Workday Learning; Required annually for all those who work with human materials, including cell lines
 - f. Recombinant or Synthetic Nucleic Acid Guidelines-EHRS (UP.83015.ITEM.RDNA): online via Workday Learning; Required every 3 years for those working with rsNA, including modified microorganisms
2. Demonstrate proficiency in BSL-2 practices and procedures in BSL-2 lab: Observation by Biosafety Officer (BSO) or IBC approved trainer
3. Didactic Training: provided by BSO – in person PowerPoint and discussion; can done with multiple individuals
 - a. Overview of design, procedures, policies of BSL-3 lab: facility features, differential pressure, PPE requirements, waste procedures, biosafety cabinet use, materials handling, emergency alarms
4. Complete enrollment in respiratory protection program: required prior to entry in BSL-3 lab and annually
 - a. Medical clearance
 - i. Staff: Occupational Medicine
 - ii. Students: Student Health Services
 - b. EHRS provides fit test and training for N95 respirator, PAPR training
5. Tour and orientation of laboratory: by BSO or IBC approved trainer
 - a. 1-2 people maximum per session
 - b. Entrance and exit procedures including PPE donning and doffing
 - c. Emergency procedures
6. Observation Phase I – cold work in BSL-2: live observation in user’s BSL-2 lab, demonstrate proficiency in IBC approved SOPs and general BSL-3 practices
7. Observation Phase II – cold work in BSL-3: live observation in user’s BSL-3 lab space without the infectious agent(s), demonstrate proficiency in IBC approved SOPs and BSL-3 practices
8. Observation Phase III – hot work in BSL-3: live observation in user’s BSL-3 lab space without the infectious agent(s), demonstrate proficiency in IBC approved SOPs and BSL-3 practices
9. Test: After completion of all hands-on training and observation, user will meet with BSO and demonstrate proficiency in BSL-3 policies, practices, and emergency response.

Note: Observation Phase I, II, III will vary depending on each user’s prior experience and skill level. Each trainee will progress to next phase under the approval of BSO after demonstrating proficiency. These sessions are one on one with BSO or IBC approved trainer.