

University of Massachusetts/Amherst Biological Safety Training



This is an introductory course on Biosafety that covers definitions of biological and biohazardous materials, risk groups, biosafety containment levels and controls, biosafety policy and the role of the Institutional Biosafety Committee, biological waste management and other general biosafety principles and requirements.

Biosafety training is required for all personnel who work with potentially viable biological materials, including for example: microorganisms (of any risk level); cells or cell lines; tissue cultures; recombinant DNA, synthetic nucleic acid molecules, organisms, or viruses; animal blood, body fluids, or tissues; or animals.

Annual biological safety training is required for all individuals that work with biological material (plants, rDNA, human source material, bacteria, viruses, cell lines, etc.). Annual review may be accomplished with EH&S's OWL (On-line Web-based Learning) once a classroom training has been attended. Classroom training must be repeated every five years.

The OSHA Blood Borne Pathogen Standard is addressed as well and the NIH's Guidelines for Use of Recombinant DNA and Synthetic Nucleic Acid Molecules in Research Laboratories.