

Regulatory and Safety Training Guidelines

The student should contact the faculty mentor or lab manager to review all safety and/or compliance training appropriate for the research experience. Below are some links to Vanderbilt training resources. Select the target audience(s) most appropriate for the lab work being done, and click on the link for detailed information on the training. This list is not exhaustive.

REQUIRED Training

<http://research.vanderbilt.edu/rcr/citi-instructions/>

Target Audience	Training Course Link
REQUIRED - All medical students are required to take the Responsible Conduct of Research CITI training	Responsible Conduct of Research

Animal Safety

https://www4.vanderbilt.edu/acup/iacuc/training/required_training.php#aalas

Target Audience	Training Course Link
Students involved in animal research, teaching or testing	IACUC Required Training

Biological Safety

<http://www.safety.vanderbilt.edu/training/biosafety-training.php>

Target Audience	Training Course Link
Students who may enter laboratories or other research area where recombinant DNA, potentially infectious agents, or human/non-human blood or body fluids are used or stored.	Basics of Biosafety
Students who will be carrying out animal studies that require animal biosafety level 2 (ABSL-2) containment.	Animal Biosafety Principles for Researchers
Students who handle any of the following in a research lab setting: <ul style="list-style-type: none">• Agents infectious to humans• Toxins of a biological origin• Human or non-human primate derived materials including blood, cells and tissues• Recombinant DNA molecules	Principles and Practices of Biosafety
Students exposed to human blood, body fluids, tissues or cells, or exposure to one of these viruses: HIV, HBV or HCV.	Blood borne Pathogens
Students exposed to human blood, body fluids, tissues or cells, or exposure to one of these viruses: HIV, HBV or HCV in a laboratory setting.	Working Safely with Human-Derived Materials in the Lab
Students whose job requires them to: <ul style="list-style-type: none">• Package or ship any biological materials on Dry Ice (or prepare the paperwork for such packages).• Package or ship human or animal clinical specimens or tissues.• Package or ship any human or animal clinical specimens as part of a study where the sponsor has designated these materials as Category B biological substances (or prepare paperwork for such packages).• Package or ship any materials that may contain an agent infectious to humans or animals (i.e., microbiological cultures).	Shipping Biological Substances – US Department of Transportation (USDOT) and International Air Transport Association Dangerous Goods Regulations (IATA)

Chemical Safety

<http://www.safety.vanderbilt.edu/training/chemical-safety.php>

Target Audience	Training Course Link
All students	Part One: General Hazard Communication Training
Students who are exposed to and work directly with hazardous chemicals	Part Two: Specific Hazard Communication Training
Students who work in research, teaching or clinical laboratories	Lab Standard
Students who work with chemicals in a laboratory setting	Safety & Environmental Protection in the Chemical Laboratory

Environmental Protection & Hazardous Waste

<http://www.safety.vanderbilt.edu/training/environmental-protection-training.php>

Target Audience	Training Course Link
Students who work with hazardous chemicals	Environmental Protection (RCRA & DOT) Awareness Training
Students who handle or have responsibility for managing universal waste (waste in the form of used batteries, pesticides, mercury-containing equipment and mercury-containing bulbs)	Universal Waste Management Training
Students who work with oil or fuel in the course of their duties	Spill Prevention, Control & Countermeasures (SPCC) Training

Fire Safety

<http://www.vanderbilt.edu/firesafety/>

Target Audience	Training Course Link
Students in a Medical Center lab	Fire Safety at VMC
Students in a University lab	University Fire Safety

Identifiable Medical Information

<https://www.mc.vanderbilt.edu/root/vumc.php?site=InfoPrivacySecurity&doc=21521>

Target Audience	Training Course Link
Students who will be working at VUMC and may come in contact with information about patients	Information Privacy and Security

Laser Safety

<http://www.safety.vanderbilt.edu/training/laser-safety.php>

Target Audience	Training Course Link
Students who work with lasers	Laser Safety Training

Radiation Safety

<http://www.safety.vanderbilt.edu/training/radiation-safety-training.php>

Target Audience	Training Course Link
Students who work with radioactive materials	General Radiation Safety Course & Orientation (Radioactive Material Safety)
Students who operate an x-ray machine or are exposed to x-rays during work	X-Ray Safety Training
Students who care for radiation therapy patients undergoing either sealed source implants (brachytherapy) or radioactive drug therapy	Caring for Radiation Therapy Patients
Students who operate an Accelerator	Accelerator Operator Radiation Safety Training Requirements
Students who will be using the Cs-137 irradiator	Cs-137 Irradiator Training
Students who work with ionizing radiation	Annual Radiation Safety Training Requirements