



UNIVERSITY OF DELAWARE

DEPARTMENT OF OCCUPATIONAL HEALTH & SAFETY

LABORATORY SAFETY PROGRAM



ARE YOU READY FOR LAB?

Do you know about the required personal protective equipment (PPE) needed for your laboratory science class? Each laboratory course will have its own specific requirements, however the Department of Occupational Health and Safety (OHS) recommends that students choose equipment that provides the optimal protection and comfort for the lengthy laboratory sessions. Complete chemical safety information is available at <http://www.udel.edu/OHS/chemindex.html>. Complete biological safety information is available at <http://www.udel.edu/OHS/biosafety.html>. In general, OHS recommends the following. It may be necessary to contact the laboratory instructor to determine if additional PPE is required.

- **ANSI Approved Safety Glasses with Side Shields**
 - There are many options available for safety glasses. Any safety glasses used in a University laboratory must be ANSI approved and have side shields. Look for the Z87 notation to assure ANSI compliance. OHS recommends that users try on different styles and brands to find the best fitting and most comfortable style of safety glasses.
 - Safety glasses, at a minimum, are required at all times in any University laboratory or when an eye hazard exists. Safety glasses are available in the University Bookstore within the Perkins Student Center.
- **ANSI Approved, Indirect Venting Chemical Splash Goggles**
 - OHS recommend the UVEX Stealth Goggles. These splash goggles meet the University's requirements and are very comfortable to wear for extended periods of time. The Stealth Goggles are available in the University Bookstore within the Perkins Student Center. Other splash goggles are acceptable, provided they are indirect venting and are ANSI Z94.3 and Z87 approved.
 - Chemical Splash Goggles are required for all Department of Chemistry and Biochemistry Laboratory Sessions.
- **Laboratory Coats**
 - Laboratory coats are not required for all laboratory sessions; however, they do provide protection from incidental hazardous material spills and splashes. Check with your laboratory instructor to determine if you are required to use a laboratory coat during the session.
 - If a laboratory coat is required, OHS recommends that students purchase a polyester/cotton blend with knit cuffs. The fabric blend makes the coat comfortable to wear for extended period of times. The knit cuffs allow the chemical protective gloves to overlap and minimize any exposed skin.
- **Chemical Protective Gloves**
 - In general, chemical protective gloves are provided by the laboratories. If not, OHS recommends that students purchase 100% nitrile, powder and accelerator free, disposable gloves. Natural latex can cause allergic reactions. Chemical protective gloves are available in the University Bookstore within the Perkins Student Center.

For more detailed information on the University's Laboratory Safety Program or with questions about personal protective equipment contact Kevin Eichinger, University Chemical Hygiene Officer, at 302-831-2103 or eich@udel.edu.