

Biology 375: Biochemistry
Fall 2026
Lab Information and Policies

Instructor: Monica Chander
Where: PSB 126
When: Wed 1:10-4 p.m.

Structure, Attendance, Expectations

- Lab **attendance is mandatory** and there will be **no make-up lab**. If you need to miss lab due to illness, religious holiday, or unforeseen circumstances, please contact me as soon as possible via email (mchander@brynmawr.edu) or phone (610-526-5096). You will still be responsible for obtaining data from your lab partner and completing the assigned lab report.
- It is very important to **arrive to lab on time**. Lab classes will start with me providing important instructions and tips to help you conduct your experiments efficiently.
- Students will work in **groups of three**. You will choose your lab partners during our first lab meeting of the semester.
- **Safety rules that will be enforced:** no eating or drinking in the lab; closed-toed shoes; long hair **MUST** be tied up. Anyone who has concerns about safety protocols, should please talk to me.
- **Lab manuals** will be posted on Moodle. You are required to read the lab manual prior to coming to lab and complete any pre-lab calculations/preparations beforehand. Ask questions if unsure of anything.
- You are required to keep a **lab notebook**. Although experiments will be performed in groups, each group member must acquire and record all necessary information and data in their own individual notebook. In the research notebook:
 - Record the design and specific goals of your studies
 - Record and organize your thoughts and questions about the experiment
 - Record your observations and data
 - Record any changes you make to the protocol in the lab manual
 - Record any conclusions/interpretations you draw from your results

Your notebook is very important! The material that you record in your notebook will help you compose a detailed and accurate lab report. I will NOT be checking/grading your notebook.

Lab reports

You will be handing in **four lab reports (hard copies please)**. You will be provided with details on how to write these lab reports. **Although you will be working in groups, all written work submitted must be your own, i.e. lab reports are to be written individually. In addition, you are not allowed to use any form of Artificial Intelligence (AI) to complete any of the assigned work for this course; doing so will be considered a violation of the Honor Code.**

- Blood Cell Lab (25 points) – due in lab W, Oct 21
- Enzyme Kinetics Lab (25 points) – due in lab W, Nov 4
- Sugars Lab (10 points) – due in lab W, Nov 11
- DHFR Lab (20 points) – due in class Th, Dec 10