

Laboratory in Genetics and Cell Biology, Spring Semester 2023

| Section | Meeting Time | Location | Instructor |
|----------------|---------------------|-----------------|-------------------|
| Dis. 601 | Mon. 2:30 - 3:20 | Lapham 160 | Quinn |
| Lab 801 | Tue. 2:30 – 5:20 | Lapham 466 | Woods |
| Lab 802 | Wed. 8:30 – 11:20 | Lapham 466 | Woods |
| Lab 803 | Thur. 2:30-5:20 | Lapham 466 | Basak |
| Lab 804 | Fri. 8:30-11:20 | Lapham 466 | Basak |

Email: woods39@uwm.edu
Office Hours: *Thurs. 11:00-1:00 PM
 LAP N316
 or by appointment

Vidhya Basak
 vbasak@uwm.edu
 *Thurs. 12:30-2:30 PM
 LAP 436
 or by appointment

Dr. Christopher Quinn
Office: LAP N413 or N410
Phone: 414-229-2602
Email: quinnc@uwm.edu
Office Hours: *Wed 10AM-12:00PM
 or by appointment

*You do not need to make an appointment for scheduled office hours. However, please email your instructor ahead of time (same day is fine) to let them know that you plan to attend.

Prerequisites:

BioSci 315 (Cell Biology) or BioSci 325 (Genetics), or concurrent registration in 315 or 325. Note that the stated prerequisite courses require completion of BioSci 150 and Chem 102, plus completion (recommended) or concurrent registration in BioSci 152 and Chem 104.

Required Materials:

The exercises that constitute the required laboratory manual are available on-line at the course site. You must print a copy of each week's lab exercise to bring with you to class. As supplemental information, a Cell Biology textbook will be invaluable (Alberts, et al., *Essential Cell Biology*, 3rd Edition; or Alberts, et al., *Molecular Biology of the Cell*, 5th Edition).

PowerPoint Presentations:

The slides used to introduce each week's topic will be available on the Canvas site. It is highly recommended that you print them before discussion/lab and use the pages to take notes! **Any**

information that is presented in class is fair game for exams, even if it is not available on Canvas. The format of 3 slides per page is recommended for printing.

Course Schedule:

The course schedule is posted on Canvas.

Grading Criteria

2 Exams (in-person): 40% of final grade

Assignments: 45% of final grade

Participation: 15% of final grade

Attendance: 5% penalty for each unexcused absence

Exams: 2 multiple choice exams will be given during the discussion section. The exams must be taken in-person at the assigned time. Please see Canvas for exam dates.

Assignments: All assignments and due dates will be posted on Canvas.

Participation and Technique: Points will be awarded based on: on-time attendance, contribution to class discussions, positive interactions with other students, preparation for lab prior to class time, and attention to detail during the lab exercises.

Attendance: Attendance at all lab and discussion sections is required and unexcused absences will result in a loss of 5% of your final grade. Please see below for information on excusable absences.

Rules and Regulations:

Attendance in the discussion is mandatory. The information presented in discussion is especially critical for successful completion of exams and lab reports. You will not be able to obtain a good score on exams without attending lecture.

Attendance at exams is mandatory. Two exams will be given during the discussion section. Exams can be rescheduled for circumstances such as death in the family or serious medical conditions. In such cases, you must contact Dr. Quinn as soon as the situation arises, to make arrangements for a makeup exam. You should make every effort to attend the original exam, as the format of makeup exams may be different than the original exam. You must provide documentation for your case. Exams cannot be rescheduled for personal travel or vacations. *Please verify that you will be able to attend each of the two exams (barring unforeseen circumstances) prior to committing to this course.*

Attendance in labs is mandatory. Attendance will be taken each week in lab. If you have a valid reason for missing lab, you must contact your TA in advance to make arrangements for

attending another section. Acceptable excuses include death in the family, serious medical conditions or required COVID quarantine. You will need to provide documentation for your excuse to your TA. Unexcused absences cannot be made up and will result in loss of 5% of your final grade. Participation points will be deducted for arriving late or departing early.

The highest standards of academic conduct are expected in this course. Academic misconduct may result in expulsion from the University. Links to University policies and procedures regarding academic conduct can be found at:
<https://uwm.edu/deanofstudents/academic-misconduct/>

The course schedule is subject to change: In the event of disruption of normal classroom activities due to unforeseen circumstances, the schedule may be modified to enable completion of the course. In that event, you will be provided an addendum to this syllabus that will supersede this version.)