

**BIOB 161: Principles of Living Systems Lab  
Natural Sciences 203**

Instructor: Romain Boisseau

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Office/Lab: BioResearch Building 108

Welcome to your biology lab! I am looking forward to a fantastic year with all of you. First things first, I want to cover a few basic things relating to how this course is going to work.

**Office Hours:**

Held in the normal lab room NS203

Tuesdays: 5-6 PM

(or by appointment, don't hesitate I should be flexible)

**Lab Overview**

8 Lab Reports (90 pts each)

Weekly Quizzes associated with the 8 labs (10 pts each)

Group Project and Symposium (300 pts)

Course Total: 1100 pts

*Note: The BIOB161 lab grade is completely separate from the BIOB160 lecture grade. Not everyone in the lecture is taking the lab, and vice versa.*

**MAKE SURE TO BRING LAB NOTEBOOK EVERY WEEK TO LAB!!!!!!!!!!**

You will rip pages out of this booklet to turn in your labs each week.

Lab write-ups are generally due one week after the lab meets for an activity.

Weekly quizzes are 5 questions, based on the content of the lab of the week (read the introduction/context AND the questions before coming to lab). They are here to make sure you read through the lab carefully before coming to class.

**Missed labs / Assignments turned in late**

- If you know in advance that you are going to miss a lab for a legitimate reason, talk to me well in advance so we can plan how you can make it up.
- Lab reports turned in late will have their grade reduced by 10% for each day that they are late.
- Missed weekly quizzes cannot be made up.

**Conduct and Behavior in Lab**

1. No food or drink in lab. However, you may have water bottles. If you **MUST** eat something, step outside into the hallway. This is for your safety!
2. Bring your laptops or tablet to lab if you have one. Please refrain from using your cellphone while in lab.
3. **NO CHEATING.** Students who cheat on assignments will receive a zero on that assignment and dealt with in accordance with the Student Conduct Code. Refer to

the overall syllabus or the Student Conduct Code for more details about what constitutes cheating, and feel free to talk to me if you feel there has been cheating or you are worried about a gray area.

For any questions, refer to the main syllabus, or feel free to email me! Looking forward to a great semester.

## LAB SCHEDULE

<b>Week of...</b>	<b>Lab Activity</b>	<b>Lab report due week of...</b>
Aug 29	NO LABS	-
Sept 5	Lab 1. What is science?	Sept 12
Sept 12	Lab 2. How to read and find scientific papers	Sept 19
Sept 19	Lab 3. The curious case of the Tasmanian Wolf	Sept 26
Sept 26	Podcast project lab 1: Project instructions	No lab report
Oct 3	Lab 4. SimBio: Population Ecology	Oct 10
Oct 10	Lab 5. Amazing water!	Oct 17
Oct 17	Podcast project lab 2: Work on projects	No lab report
Oct 24	Lab 6. How enzymes work: lactase and lactose	Oct 31
Oct 31	Podcast project lab 3: Work on projects	No lab report
Nov 7	NO LABS	-
Nov 14	Lab 7. Photosynthesis	Nov 28
Nov 21	NO LABS	-
Nov 28	LAB 8. DNA extraction and Sequence Evolution	Dec 5
Dec 5	Podcast project symposium	No lab report