

## **IB 161 - Population and Evolutionary Genetics Lab UC Berkeley**

### **Course Description**

Students will explore principles of population and evolutionary genetics presented in IB 161 lecture using computer simulations and analyses of real genetic data.

### **General Policies**

Silence or turn off cell phones.

No eating or drinking in lab (water is okay).

Students requiring DSP accommodation should notify instructors ASAP.

### **Lab Sections**

All lab sections meet in 3056 Valley Life Sciences

DIS 101      Monday, 10AM – noon

DIS 102      Monday, 1PM – 3PM

DIS 103      Friday, 11:30AM – 1:30PM

### **Attendance**

Labs will promptly on Berkeley time (10 minutes after start time listed above), and students may receive partial credit on lab exercises for excessive tardiness. Students who must miss class may attend a different section only if they make arrangements with me of time. Unforeseen absences due to illness may be excused with a doctor's note. Unexcused absences will receive a zero for the day's exercise.

### **bCourses**

All course materials, including syllabus and lab instructions, will be posted to bCourses. Most lab-related communication will be done through bCourses, so please ensure you have enabled bCourses email notifications (especially "Announcements" and "Conversations").

### **Email**

For most course-related questions I should be your first point of contact. Please include "IB 161" in the subject line so your email doesn't get lost in my inbox. I will respond to email within one day during the week, but will generally be unavailable during weekends.

### **Grading**

Lab exercises account for 20% of your final grade in IB 161. Research projects, a portion of which will be completed during lab time, account for an additional 20%.

## Academic integrity

All students are expected to uphold the UC Berkeley Honor Code. Plagiarism will result in a zero for the assignment and disciplinary action. Written materials will be evaluated for plagiarism using automated software. See the following resources for more on avoiding plagiarism.

<http://sa.berkeley.edu/conduct/integrity/definition>

<http://www.lib.berkeley.edu/instruct/guides/citations.html#Plagiarism>

## Schedule

All lab sections will address material presented in lecture the preceding Tuesday and Thursday.

<b>Week</b>	<b>Monday Sections</b>		<b>Friday Section</b>	
1	1/16/17	<b>No Class</b>	1/20/17	Exercise 1
2	1/23/17	Exercise 1	1/27/17	Exercise 2
3	1/30/17	Exercise 2	2/3/17	Exercise 3
4	2/6/17	Exercise 3	2/10/17	Exercise 4
5	2/13/17	Exercise 4	2/17/17	<b>No Class</b>
6	2/20/17	<b>No Class</b>	2/24/17	Exercise 5
7	2/27/17	Exercise 5	3/3/17	Exercise 6
8	3/6/17	Exercise 6	3/10/17	Exercise 7
9	3/13/17	Exercise 7	3/17/17	Exercise 8
10	3/20/17	Exercise 8	3/24/17	Exercise 9
11	3/27/17	<b>No Class</b>	3/31/17	<b>No Class</b>
12	4/3/17	Exercise 9	4/7/17	Projects
13	4/10/17	Projects	4/14/17	Projects
14	4/17/17	Projects	4/21/17	Projects
15	4/24/17	Projects	4/28/17	<b>No Class</b>