



Welcome to Genetic Analysis I

About this year's course: We're on-line, but we hope to be as engaging and interactive as any other year. How will we do this?

Our course is usually interactive and based upon solving the problems Geneticists encounter. Geneticists like to work in teams, face ethical issues, and generate and interpret data. We'll still do all of these things this year.

The classes will mostly be live lectures via [BigBlueButton](#). We'll solve problems together in these sessions, and encourage you to ask questions during lectures. We'll also discuss current events related to Genetics. You'll be asked to participate in an on-line forum of questions and answers generated by the students and answered by students with the Professors, TA, and learning assistant as moderators. We'll record the lectures and recitations for anyone outside of the timezone or facing any hurdles. However, it will be strongly encouraged that you participate on schedule with the rest of the class. Participation during lectures and on the forum will count toward about 10% of your final grade.

Reading will be done before lecture (saving time for problem solving) and monitored with a short quiz worth 10% of the grade.

Recitations will be problem sets that you do on your own, improve on with a small collaborative team of students in BigBlueButton, and then review with the TA (or Professor for the honors recitation). Recitations will be held live during set times and worth 20% of your grade.

There will be 4 exams (problem based), taken during the lecture time (to promote academic integrity) worth 50% of your grade. The final will be worth 5%.

Finally, there will be short essays integrating genetics and societal issues worth 5% of your grade.

On-line office hours will be available with the professor, TA, and learning assistant via BigBlueButton.

Like anything else, what you get out of an experience typically depends upon what you put into it. Let's all do our best to engage and learn the fundamentals of Genetics together!

Technology Requirements: The class will rely heavily on video conferencing. A high-speed internet connection and webcam is required.

For more details, please see the syllabus [here](#).