

# Midterm exam

The midterm exam will use the Gauchospace quiz engine. There will be 30-50 quiz-like problems.

There will be only one chance to submit. No 2<sup>nd</sup> chance in any situation. (In fact, I do not even know how to give you 2<sup>nd</sup> chance in the Gauchospace.) Take enough time to review your answers before submission.

A Zoom session will begin at 3:50 pm, Feb 10. You should join it while you take the exam. You may keep your camera and mic OFF. The reason for Zoom is that there could be unplanned announcements (e.g., corrections on the exam question, etc) while you are taking the exam. So, keep your speaker ON. You may leave zoom once you submitted your exam.

( <https://ucsb.zoom.us/j/87661998297?pwd=amhFak1iYWlNM2hqZkZxanJqdDA0dz09> )

The exam will open on Gauchospace on Wednesday, Feb 10, at 4 pm sharp. You will have 50 minutes to finish. Whenever you start, the exam will be closed at 5:00 pm sharp (officially, it is 4:50 pm, but I give 10 minutes margin). Time it carefully.

There is no real-time programming test for the mid-term.

You should study all lecture materials. The practice materials and quizzes are your guides to prepare for the exam. (Homework is NOT. Homework is designed to challenge you to study, practice, and experience programming. The midterm exam is strictly about the lecture materials. I.e., recursion will not be tested in the exam. But k-mers, G-C skew plots, how to use BLAST, etc will be.)

The level of difficulty will be comparable to or a bit more difficult than quizzes.

The exam is open book. You may watch lecture videos. You may use JupyterLab to test code. You may use MUSCLE. You may google. You may visit NCBI to search/BLAST. (A few questions may require one or two of these activities.)

**Ethics: No discussion is allowed. You should not ask anybody. You should not send messages to or receive from anyone in any form regarding the exam. Any form of bi-directional communication about the exam will be considered cheating.**