

The Academic Peer Tutors asked faculty about their tips for studying in specific disciplines. Here is what Faculty had to say:

## Professor Flynn's tips for studying chemistry

1. Mono-task, don't attempt to multitask.
2. Study in groups.
3. Vary the people you study with.
4. Vary your study location.
5. Study frequently, don't cram.
6. Study at least one hour per day, even if there is no pending assignment.
7. Draw analogies to real-life; apply principles and concepts to the world around you.
8. Get plenty of sleep; "all-nighters" are not good for retention of information or concentration.
9. Chemistry concepts are hierarchical—they build on each other, so keep returning to previous topics and chapters for review.
10. Talk about concepts, not just p-sets.
11. Always ask "does my answer make sense".

## Professor Trenk's tips for studying math

1. Plan ahead from the assignment, not back from the due-date.
2. Plan out your week and spread work out over multiple days.
3. Go to class.
4. Take good notes.
5. Attend office hours.
6. Homework is a learning opportunity, not an isolated task.
7. Some students like to copy-over their notes. Incorporate this strategy and/or other "active learning" techniques.
8. Think about what will be on the exam. Don't just react to the exam when it is handed out, but predict what you will be asked to do.
9. Practice categorizing math problems, grouping them together by type of problem or theory.
10. Step back and look at the problems as groups.
11. Don't cram, it will only confuse you.
12. Get sufficient sleep, especially before an exam or quiz.

## Professor Lee's tips for studying Computer Science

1. Work with other students for p-sets and exams.
2. Reinforce the concepts you learned in class.
3. Attend office hours—determine how each professor manages her/his office hours, some are drop-in, some by appointment, etc.
4. It often works best if you attempt the homework before you go to office hours.
5. Plan in advance and start your work early, don't wait until the last minute.
6. Save your work frequently.