

## What is 130A?

MCB 130A - Cell & Systems Biology is a new and improved version of MCB 130, designed to provide a solid intellectual foundation for those who wish to pursue further studies in the life sciences:

- graduate school
- medical school
- other health professions
- bioengineering

This is a course that will emphasize thinking about and understanding cellular processes, not the memorization of many pathways and facts.

### **What are we going to teach?**

First and foremost, it is a cell biology course. We will highlight important experiments and reinforce concepts that expand on what you have learned in MCB 104.

### **Why the change and how is it different from MCB 130?**

In the future, cell biology will involve more quantitative analysis - we will introduce you to some of these principles.

We will teach systems biology, which emphasizes ways that cell is organized as a whole, and presents more concepts and less about individual pathways.

The teaching style will be similar to MCB 130 but will have the advantage of having a smaller class, providing more individual instruction.

### **How do I find out more?**

Come in to talk with any of the three instructors of the course, Iswar Hariharan, Karsten Weis and Michael Rape.

Come in and speak with our [peer advisors](#) . Arman and Tracy have taken MCB 130 and are aware how this new course differs from that one.

[Look at the syllabus for the course](#) .