

MCB128 AI in Molecular Biology (Fall 2026)

http://rivaslab.org/teaching/MCB128_AIMB/
Mon/Wed/Fri 10:30-11:45

Instructor: Dr Elena Rivas elenarivas@fas.harvard.edu

Hiring Teaching Fellows!

Fall 2026
MCB 128: AI in Molecular Biology
Time commitment: 0.25 FTE

Course Description

MCB128 is a course that explores the major advances in deep learning, with a special emphasis on their applications to molecular biology and genomics. The course will cover both the general principles of these methods as well as specific applications in genomics. This is a computationally rigorous course for undergraduate and early graduate students interested in computational biology.

TFs should have knowledge of Python, statistics, and molecular biology, and some knowledge of deep learning methods.

Responsibilities

- Dates: Fall Semester 2026
- Lead a weekly section
- Attend lectures (MW 10:30-11:45)
- Hold office hours (1hr/week)
- Grade homework
- Attend weekly staff meetings

For questions/to apply, email Elena Rivas at elenarivas@fas.harvard.edu