

# MCB128 AI in Molecular Biology (Spring 2026)

[http://rivaslab.org/teaching/MCB128\\_AIMB/](http://rivaslab.org/teaching/MCB128_AIMB/)  
Mon/Wed/Fri 10:30-11:45

**Instructor:** Dr Elena Rivas [elenarivas@fas.harvard.edu](mailto:elenarivas@fas.harvard.edu)

## Hiring Teaching Fellows!

Spring 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: End of January - beginning of May 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](mailto:elenarivas@fas.harvard.edu)