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neuromatch

Neuromatch Academy 2025

We offer courses that teach skills and techniques for computational sciences and research. Our courses are inclusive, intensive 2- or 3- week synchronous, virtual academies in which you are matched into a pod with ~15 other students and 1 teaching assistant.

3-week Courses: July 7-25, 2025

2-week Courses: July 14-25, 2025

Computational Neuroscience

Integrates cutting-edge advances in machine learning and causality research with state-of-the-art modeling approaches in neuroscience.

Deep Learning

Ethically responsible hands-on TA-guided code-first DL curriculum that emphasizes how DL can be used to advance science and achieve better scientific insights.

NeuroAI

The core challenge of intelligence is generalization. This course covers topics including task structure, microcircuitry, macrocircuitry, learning rules, and data stream.

Comp Tools for Climate Science

Students will gain skills and knowledge in the areas of climate science and impact, computational methods, data access, and scientific practices.

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