

Surya Ganguli

Here is a list of my undergraduate courses all completed at MIT:

EECS	Physics	Mathematics
Scheme Programming Circuits & Electronics Signals & Systems Computation Structures Software Engineering Algorithms Cognitive Science Artificial Intelligence Advanced Signal Processing Semiconductor Materials	Wave Phenomena & Optics Quantum Mechanics I&II Statistical Mechanics Classical Mechanics Experimental Physics I&II Special Relativity	Differential Equations Linear Algebra Analysis I&II Algebra I&II Complex Analysis Discrete Mathematics

And here are my graduate courses, completed at MIT and Berkeley:

EECS	Physics	Mathematics
Stochastic Processes Information Theory Machine Vision Neural Networks Theory of Computation	Advanced Classical Dynamics Advanced Electromagnetism Quantum Mechanics I&II General Relativity Quantum Field Theory I&II Particle Physics I&II String Theory I&II Statistical Mechanics Phase Transitions Mathematical Physics	Lie Groups&Algebras Symplectic Geometry Complex Manifolds Algebraic Geometry Toric Geometry Riemannian Geometry Differential Topology C^* Algebras Algebraic Topology

I have also taken two neuroscience courses at Berkeley:

MCB 262: Theoretical Neuroscience (following Dayan and Abbott)

MCB 160: Introduction to Neurobiology (following Kandel and Schwartz)

And I am auditing two biology courses at UCSF this quarter:

Biochemistry 200A: Macromolecules

Genetics 200A: Principles of Genetics