

Elizabethtown College Neuroscience Major Curriculum

Foundations of Neuroscience

NEU 125 Introduction to Neuroscience	PSY 105 Introduction to Psychology	BIO 111 Molecules, Cells, and Animal Systems with lab	CHEM 105 Fundamentals of Chemistry with lab
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Methods Courses

PSY 280 Psychological Statistics	PSY 285 Psychological Research Methods with lab
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Breadth Courses

BIO 211 Genetics with lab	BIO 212 Cell Biology, lab optional	PSY 210 Sensation and Perception	PSY 315 Cognitive Psychology OR CSC 315 Cognitive Neuroscience
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Advanced Courses in Neuroscience

NEU 320 Behavioral Neuroscience with lab	NEU 325 Neuroscience of Drug Abuse
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Elective Courses in Neuroscience* (12 credits)

Cellular/Molecular Emphasis	Behavioral Emphasis	Computational Emphasis
BIO 310 Molecular Biology, lab optional BIO 311 Experimental Design in Cell Biology BIO 324 General Physiology, lab optional BIO 328 Behavioral Endocrinology CHEM 113 Organic Chemistry I with lab CHEM 323 Biochemistry 1	PSY 220 Health Psychology PSY 250 Psychopathology PSY 255 Psychotherapy and Assessment PSY 310 Intelligence and Creativity PSY 315 Cognitive Psychology PSY 360 Psychology of Stress	CS 113 The Power and Beauty of Computing CS 121 Computer Programming I CS 434 Green Robotics, Automation, and Machine Intelligence DS 200 Introduction to Data Science CSC 315 Cognitive Neuroscience

* Electives need not be from a single emphasis category.

Capstone in Neuroscience (4 credits total)

PSY 485 Advanced Psychological Research (4 credits)	NEU 475 Internship in Neuroscience (variable credit)	NEU 490 Research Practicum (variable credit)
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