

COMPUTATIONAL NEUROSCIENCE CONCENTRATION, NEUROSCIENCE (BS)

This concentration is for students who are interested in quantitative and computational modeling methods to understand the functions of the nervous system and behavior and/or in the design of human-made devices that duplicate nervous system functioning.

Course Requirements

Course	Title	Quarter Hours
MAT 150	CALCULUS I	4
CSC 241	INTRODUCTION TO COMPUTER SCIENCE I	4
CSC 250	COMPUTERS AND HUMAN INTELLIGENCE	4
DSC 341	FOUNDATIONS OF DATA SCIENCE	4
CSC 381	INTRODUCTION TO DIGITAL IMAGE PROCESSING	4
NEU 256	INTRODUCTION TO COMPUTATIONAL NEUROSCIENCE	4

In addition, students in the Computational Neuroscience Concentration will be required to choose 6 (24 Quarter Hours) Major Electives and have 7 (28 Quarter Hours) Open Electives.