

DARTMOUTH

Department of Psychological and Brain Sciences

2020-2021 Approved Elective and Culminating Courses for the Neuroscience Major/Minor

Additional approved courses (including those offered by other departments) will be added as they become available. Culminating courses are numbered 80 and above.

Note that sign-up for 60s-level and 80s-level courses for 2020-2021 will begin on July 8, 2020 via the PBS web form. See: <http://pbs.dartmouth.edu/undergraduate/permission-courses>.

Summer Term 2020

PSYC 50.08. Neurobiology of Learning and Memory. Winter, 2.

Fall Term 2020

PSYC 21. Perception. Tse, *Remote with synchronous components, in the E block.*
40. Introduction to Computational Neuroscience. Granger. (Crosslist COSC 16, COGS 21),
Remote with synchronous components, in the K block.
50.12. Neuroscience of Stress. Nautiyal, *Remote with synchronous components, in the E block.*
51.02. Facial Perception. Gobbin. (Crosslist COGS 11.04), *Remote with synchronous components in the J block.*
53.13. Social Neuroscience. Meyer, *Remote with synchronous components, in the D block.*
60. Principles of Human Brain Mapping with fMRI. Chang, *Remote with synchronous components in the K block.*
80.04. The Weight Among Us: What Neuroscience Can Teach Us About Obesity. Clark, *Remote with synchronous components in the D block.*
80.05. Mind, Brain, and Health. Wager, *Remote with synchronous components, in the K block.*
81.08. Animal Cognition. van der Meer, *Remote with synchronous components, in the J block.*

BIOL 74. Advanced Neurobiology.

COSC 76. Artificial Intelligence. Quattrini Li.

Winter Term 2021

PSYC 50.01. Neuroscience of Mental Illness. Funnell, *Remote with synchronous components, in the E block.*

50.07. Exotic Sensory Systems. K. Finn, *Remote with synchronous components, in the F block.*

50.09. Motivation, Drugs and Addiction. Smith, *Remote with synchronous components, in the D block.*

51.12. Visual Cognition. Störmer, *Remote with synchronous components, in the K block.*

60. Principles of Human Brain Mapping with fMRI. Finn, *Remote with synchronous components, in the K block.*

80.02. Neuroeconomics. Soltani, *Remote with synchronous components, in the J block.*

81.11. Real World Scene Perception. Steel, *in the J block.*

81.12. Using Naturalistic Stimuli, Brain Imaging, and Big Data Methods to Understand Human Cognition. Haxby, *Remote with synchronous components, in the E block.*

EDUC 64. Development of the Exceptional Child. Coch,.

COSC 78. Deep Learning. Torresani.

MUSC 14.01. Music, Mind, Invention. Casey.

Spring Term 2021

PSYC 22. Learning. Fournier, Smedley, *Remote with synchronous components, in the D block.*

35. Cellular and Molecular Neuroscience. Hoppa, (Crosslist BIOL 49) (Previously offered as PSYC 46)

50.02. Decision Making: Linking Behavior to Brain. Soltani, *Remote with synchronous components, in the F block.*

51.09. Human Memory. Manning, *Remote with synchronous components, in the D block.*

52.06. Typical and Atypical Neurodevelopment. Robertson, *Remote with synchronous components, in the K block.*

53.14. Social Neurocognition. Stolk, *Remote with synchronous components, in the E block.*

54.05. Consumer Neuroscience. K.R. Clark, *Remote with synchronous components, in the D block.*

60. Principles of Human Brain Mapping with fMRI. Wager, *Remote with synchronous components, in the K block.*

80.01. Neuroscience of Reward. Smith, *Remote with on campus components, in the J block.*

BIOL 37. Endocrinology.

69. Cell Signaling.

EDUC 50. The Reading Brain. Coch,