

Requirements – Neurobiology Major - Summer 2020 courses

MATHEMATICS, STATISTICS, CHEMISTRY, AND PHYSICS

Calculus: MATH 211, 221

Statistics: STAT 371

General Chemistry: CHEM 103, 104

Organic Chemistry: CHEM 343, 345

General Physics 1: PHYSICS 103,

General Physics 2: PHYSICS 104, 202

GENERAL BIOLOGY (Complete option 1, 2, or 3):

1. Animal Biology + General Botany: ZOOLOGY 101, 102

REQUIRED NEUROSCIENCE COURSES:

Neurobiology: ZOOLOGY 523

Distributed Neuroscience Coursework:

ANAT+PHY - 335 – Human Physiology*

AN SCI – 373 Animal Physiology*

BIOCHEM 501 - Introduction to Biochemistry*

CS&D 210 - Neural Basis of Communication

LAB/RESEARCH EXPERIENCE

- 1. Directed/Independent Study (3 credits in a 699 course in any of the following subject listings):** ANATOMY, ANESTHES, BIOCHEM, BIOLOGY, BME, BMOLCHEM, CBE, CHEM, COMP BIO, CRB, CS&D, ED PSYCH, FAM MED, GENETICS, H ONCOL, KINES, MEDICINE, MED PHYS, MED SC-V, M M & I, MOL BIOL, NEURODPT, NEUROL, NEURSURG, NTP, NUTR SCI, OBS&GYN, ONCOLOGY, OPHTHALM, PATH, PATH-BIO, PEDIAT, PHM SCI, PHYSIOL, POP HLTH, PSYCH, PSYCHIAT, RADIOLOGY, SURGERY, ZOOLOGY (Department of Integrative Biology).
PSYCH 621 - Topic: *Capstone Mentored Research and Seminar*, BME 399 – *Independent Study*