Suggested Curriculum Program in Neuroscience PhD

First Year

Fall

(9 credits)

NEU 521: Intro to Cellular Neuro
NEU 522: Intro to Molecular Neuro
BNB 555: Rotations
BNB 599: Research
BNB 697: Neuroscience Seminar
*BNB 597: Neuroscience Seminar Series *may be repeated
BNB 567: Statistics and data analysis for neuroscience I: Foundations

Spring

(9 credits)

BNB 562: Systems Neuroscience
BNB 555: Rotations
BNB 599: Research
BNB 697: Neuroscience Seminar
BNB 560: Laboratory in Neuroanatomy (taken in Winter, enrolled in Spring term)
BIO: 600/601: Teaching Practicum
GRD 500: Integrity in Science
*Choose a laboratory by early May

Second Year

(9 credits per semester)

Fall

BNB 551: Writing in Neuroscience
BNB 565: Advanced Topics in Neuroscience
BNB 599: Research
BNB 597: Neuroscience Seminar
BIO: 600/601: Teaching Practicum

*BNB 563: Self Study Topics (Fall/Spring) – GPD approval required prior to permission to enroll

**Elective (2-4 credits)

*NOTE: Must take 3 modules prior to end of 2nd year of study and advancement to candidacy (BNB 563, 564, 566, or 597).

**Elective Requirement: Must take 2 scientifically relevant courses worth two to four credits each prior to advancement.

Third Year and up

(9 credits per semester)

Fall/Spring

BNB 599: Research

BNB 697: Seminar

*BNB 566: Neurobiology of Disease

*BNB 564: Advanced Topics (Fall/Spring) – GPD approval required prior to permission to enroll

**Elective (2-4 credits)

Advancement to Candidacy

Thesis Proposal Defense due Spring/Summer of second year of study along with all coursework and 2 semesters of TA work.

Section numbers – make sure you enroll in the correct sections:

BNB 599  Research for PhD students, has section 2 (off campus) and section 22 (on campus).

BNB 699 has section 22 for on campus dissertation research (for those advanced to candidacy)

BNB 700 is for dissertation research OFF CAMPUS, so this is the class number to enroll in if advanced to candidacy and doing dissertation research at Cold Spring Harbor.
BNB 697 (Seminar Series): section 1 on campus (online for Fall 2020) and section 2 is off campus.