Suggested Curriculum Program in Neuroscience MD/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
*BNN 597: Neuroscience Seminar Series *may be repeated
BNB 567: Statistics and data analysis for neuroscience I: Foundations
MST 501: Selected Topics in Translational/Research Clinical
MST 502: Clinical Scientist Seminar Series

**MD/PhD students should also take a science communication course COM

Spring (9 credits)
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
MST 501: Selected Topics in Translational/Research Clinical
MST 502: Clinical Scientist Seminar Series

Second Year

Fall (9 credits)
BNB 551: Writing in Neuroscience
BNB 599: Research
BNB 597: Neuroscience Seminar
*BNN 563: Self Study Topics (Fall/Spring) – GPD approval required prior to permission to enroll
MST 501: Selected Topics in Translational/Research Clinical
MST 502: Clinical Scientist Seminar Series

*Spring* (9 credits)

BNB 599: Research

BNB 697: Seminar

BNB 565: Advanced Topics in Neuroscience

*BNB 566: Neurobiology of Disease

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

MST 501: Selected Topics in Translational/Research Clinical

MST 502: Clinical Scientist Seminar Series

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

**Third Year and up**

(9 credits per semester)

*Fall/Spring*

BNB 699: Thesis Research

BNB 697: Seminar

MST 501: Selected Topics in Translational/Research Clinical

MST 502: Clinical Scientist Seminar Series

**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.