

Updated 8/2024

## 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

\*BNB 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

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

MST 501: Selected Topics in Translational/Research Clinical

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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 2<sup>nd</sup> 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.