## Graduate Program in Neuroscience (PiN) at Stony Brook University

### Requirements at a Glance…

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
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</table>
| **1** | BNB 561 (4)  
Cellular & Molecular Neuroscience | BNB 562 (4)  
Systems Neuroscience |
|      | BNB 555a Fall rotation | BNB 555b Winter rotation |
|      | BNB 555c Spring rotation |  |

Laboratory research rotations and presentations. Three rotations are completed in the 1st year, usually in three different labs. Each rotation has 2 seminar style presentations.

- **BNB 560**  
Winter session

- **BNB 551** (1)  
Writing Neuroscience (WiN)

- **BNB 697**  
Neuroscience Seminar

There is flexibility. Students entering with a strong background could finish much of their course work in the 1st year…

- **BNB 563a**  
BNB 563b  
BNB 565  
*BNB 564a*  
*BNB 564b*  
*BNB 564c*  

*BNB 563 & 564 (Advanced Topics in Neuroscience) as well as BNB 560 (Neuroanatomy), 565 (Developmental Neuroscience) and BNB 597 (Seminar Theme) are modular courses. A total of 6 modules are to be taken over year 1 & 2, on a flexible schedule. Some topics may be offered in alternate years.

- **BNB 697**  
Neuroscience Seminar

- **BIO 600/601**  
Teaching Assistantship

- **Non-BNB elective** (2-4)

- **BNB 597**  
*BNB 597*  
*BNB 597*  
*BNB 597*  

*Upper-division students at BNL or CSHL may satisfy their seminar requirement at those institutions.

- **Symposium in Neuroscience (SiN)…2nd year**

  ...students organize an off-campus retreat, with oral & poster presentations and an invited speaker.

### By early May: Choose a laboratory & begin thesis research.

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<th><strong>2</strong></th>
<th><strong>3-5</strong></th>
<th><strong>5</strong></th>
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</table>
| *BNB 563a*  
BNB 563b  
BNB 565  | BNB 567  
Neuroscience Seminar  
*BNB 597*  
Advanced TAing.  
Optional…only for additional experience if desired… | Plan postdoctoral goals…Graduate! |
|       | BNB 5697  
Neuroscience Seminar  
*BNB 597*  
Student Research Seminar @ SBU |       |

Spring/Summer of 2nd year:


Meet with Thesis Committee twice per year.