

## Neuroscience Course Offering 2025-2026

Fall 2025

### Required Background Courses

|              |                                       |                              |
|--------------|---------------------------------------|------------------------------|
| BIOL 0145    | Cell Biology and Genetics             | Putnam; Solhaug              |
| BIOL 0211    | Biostatistics                         | Godfrey                      |
| CHEM 0104    | General Chemistry II                  |                              |
| CHEM 0105    | General Chemistry                     | Bredar                       |
| PSYC 0105    | Intro to Psychology                   | Collaer; MacMullin; Parshina |
| PSYC 0201    | Psychological Statistics              | Collaer, Gurland             |
| Or STAT 0116 | Intro to Statistical Science          |                              |
| Or STAT 0201 | Advanced Intro to Stat & Data Science |                              |

### Foundations Courses

|           |                                          |               |
|-----------|------------------------------------------|---------------|
| NSCI 0251 | Fund. of Cell and Molecular Neuroscience | Cave; Crocker |
| NSCI 0252 | Fund. Of Behavioral Neuroscience         | Zhai          |

### Electives

|                |                                                   |                   |
|----------------|---------------------------------------------------|-------------------|
| BIOL 0216      | Animal Behavior                                   | Spritzer          |
| BIOL 0305      | Developmental Biology ( <i>BIOL 140 pre-req</i> ) | Combelles         |
| CHEM 0322      | Biochemistry of Macromolecules                    | Guiberson; Miller |
| LNGT 0226      | Phonetics & Phonology                             |                   |
| NSCI/PSYC 0206 | Brain Plasticity                                  | Dash              |
| NSCI/PSYC 0303 | Sensation and Perception                          | Dash              |
| NSCI 0320      | Clinical Neuroscience (5 CW seats)                | Zhai              |
| PHIL 0220      | Knowledge and Reality                             | Juvshik           |
| PHIL 0360      | Consciousness                                     | Spackman          |
| PSYC 0202      | Research Methods ( <i>PSYC 201 pre-req</i> )      | Kimble; Seehuus   |
| PSYC 0344      | Introduction to Psycholinguistics                 | Parshina          |

### Senior Seminars/Senior Work

|           |                          |         |
|-----------|--------------------------|---------|
| NSCI 0440 | The Aging Nervous System | Godfrey |
| NSCI 0500 | Independent Research     |         |
| NSCI 0700 | Senior Research          |         |
| NSCI 0701 | Senior Thesis            |         |

## Winter 2026

### Required Background courses

|           |                     |         |
|-----------|---------------------|---------|
| PSYC 0105 | Intro to Psychology | Collaer |
| BIOL 0211 | Biostatistics       | Allen   |

### Electives

|           |                         |           |
|-----------|-------------------------|-----------|
| PHIL 0214 | Science and Society     | Grasswick |
| NSCI 1270 | Molecular Neurogenetics | Crocker   |

### Senior Work

|           |                      |       |
|-----------|----------------------|-------|
| BIOL 0405 | Hacking Inheritance  | Pask  |
| NSCI 0500 | Independent Research | Staff |
| NSCI 0700 | Senior Research      | Staff |
| NSCI 0701 | Senior Thesis        | Staff |

## Spring 2026

### Required Background Courses

|           |                           |                         |
|-----------|---------------------------|-------------------------|
| BIOL 0145 | Cell Biology and Genetics | Spritzer; Pask          |
| BIOL 0211 | Biostatistics             | Moody                   |
| CHEM 0105 | General Chemistry         | Guiberson               |
| PSYC 0105 | Intro to Psychology       | Cronise, Kimble, Thomas |
| PSYC 0201 | Psychological Statistics  | MacMullin, Dash         |

### Foundations Courses

|           |                                          |            |
|-----------|------------------------------------------|------------|
| NSCI 0251 | Fund. of Cell and Molecular Neuroscience | Godfrey    |
| NSCI 0252 | Fund. Of Behavioral Neuroscience         | Cave; Zhai |

### Electives

|                |                                              |                   |
|----------------|----------------------------------------------|-------------------|
| BIOL 0370      | Animal Physiology                            | Pask              |
| CHEM 0322      | Biochemistry of Macromolecules               | Miller            |
| NSCI/PSYC 0205 | Emotions                                     | Cronise           |
| NSCI 0235      | Mighty-chondria                              | Crocker           |
| NSCI 0345      | Neurodevelopment                             | Cave              |
| PHIL 0230      | Moral Psychology                             | Besser            |
| PSYC 0202      | Research Methods ( <i>PSYC 201 pre-req</i> ) | Moeller; Parshina |

### Senior Seminars/Senior Work

|           |                      |         |
|-----------|----------------------|---------|
| NSCI 0410 | Neural Coding        | Crocker |
| NSCI 0500 | Independent Research | Staff   |
| NSCI 0700 | Senior Research      | Staff   |
| NSCI 0701 | Senior Thesis        | Staff   |