

Neuroscience and Behavior Major Requirements Checklist

For students fulfilling the new major curriculum introduced in academic year 2019-2020

Student's Name:		Anticipated Graduation Date (Month/Year):
Advisor's Name:		

Complete 4 Introductory Courses	Semester/Year	Final Grade ¹	Taken Where? ²
Introduction to Neuroscience Lecture (NSBV BC1001) ³			
Introduction to Cell and Molecular Biology Lecture (BIOL BC1502) and Lab (BIOL BC1503)			
Two introductory cognate science classes from Biology, Chemistry, Computer Science, Physics, or Psychology. At least one must be taken with a lab. ⁴			
Lecture + Lab Cognate Course:			
Lecture Cognate Course:			

Complete 4 Core Courses	Semester/Year	Final Grade ¹	Taken Where? ²
Laboratory in Neuroscience (NSBV BC2001) ⁵			
Systems and Behavioral Neuroscience (NSBV BC3001) ⁵			
Molecular and Cellular Neuroscience (BIOL BC3362) ⁵			
One Statistics Class ⁶ :			

Complete 3 Elective Courses. ⁷ At least one must be a 3000-level seminar class.	Semester/Year	Final Grade ¹	Taken Where? ²
Elective 1:			
Elective 2:			
3000-level Seminar:			

Complete the Year-long Research Seminar	Semester/Year	Final Grade ¹	Taken Where? ²
Research Seminar in NSBV, Fall Semester (NSBV BC3593)			Barnard
Research Seminar in NSBV, Spring Semester (NSBV BC3594)			Barnard

Senior Thesis Research Project	Institution:	
Lab PI:	Direct Mentor:	
Research Topic:		

Notes:

1. All classes required for the major must be taken for a letter grade with the exception of spring 2020, when mandatory pass/fail grading was universally applied. A grade of C- or better must be earned in all classes required for the major.
2. A minimum of 6 classes worth 3 or more credits must be taken at Barnard or Columbia. Students transferring in completed major requirements from outside institutions must provide their transcript from the outside institution(s) to the department representative for verification.
3. NSBV BC1001 is an introductory class. A student who has completed *any* neuroscience lecture class cannot go backwards to take NSBV BC1001. In this situation, a replacement neuroscience course must be chosen in consultation with the student's advisor.
4. Choose from the following: BIOL BC1500/1501, CHEM BC2001/2012, COMS UN1001, COMS UN1002, COMS UN1004, PHYS BC2001, PHYS BC2002, PHYS BC2010, PHYS BC2020, PSYC BC1001/1010
5. NSBV BC1001 and BIOL BC1502/1503 are prerequisites for this class.
6. Choose from the following: NSBV BC2002 or PSYC BC1101 or PSYC UN1610 or STAT UN1101
7. See the list of approved elective courses at <https://neuroscience.barnard.edu/electives>

- ◆ A student cannot receive credit for two courses that are considered to be equivalent. Refer to our overlapping courses list at <https://neuroscience.barnard.edu/overlapping-cu-courses>
- ◆ A single semester of a course cannot count toward more than one major requirement.