

BEHAVIORAL NEUROSCIENCE CONCENTRATION

DISTINGUISHED PROFESSOR, DR. PHIL ZEIGLER | HZEIGLER@HUNTER.CUNY.EDU

This concentration—within the Psychology Major—provides interdisciplinary training for students preparing for academic or professional careers in Neuroscience-related areas. The Concentration offers a set of core and specialized courses, mentored research experience in faculty laboratories and opportunities for student research presentations. The Behavioral Neuroscience Concentration is a great option for students who plan to continue their studies in graduate school or attend medical school for neurology, neurosurgery, or psychiatry specialists.

This is a fillable PDF. Download a [free](https://get.adobe.com/reader/) version of Adobe Acrobat Reader through the following link: <https://get.adobe.com/reader/>
Note: For reasons related to financial aid, students are advised to declare the Concentration as soon as they begin to take relevant courses.

STUDENT NAME: _____
 Hunter: (Primary) _____ Personal: (Secondary) _____

STUDENT E-MAIL: _____

Program Status: Pre-Med Macaulay Honors Other (please specify): _____
Student's Class: Freshman Sophomore Junior Senior

GPA [Overall]: _____ **GPA [Major]:** _____ **EMPLID:** _____

↓ Admission to the program requires completion of Levels I & II with minimum Major GPA of 3.5 and Overall GPA of 3.0. ↓

LEVEL I [34 CREDITS]	GRADE	SEMESTER	COMPLETED
PSYCH 100 [Introduction to Psychology] (3 cr.)			<input type="checkbox"/>
PSYCH 224 [Neuroscience] (3 cr.)			<input type="checkbox"/>
MATH 150 [Calculus] (4 cr.)			<input type="checkbox"/>
PSYCH 248 [Statistical Methods in Psychological Research] (4 cr.)			<input type="checkbox"/>
CHEM 102 [General Chemistry I] (4 cr.)			<input type="checkbox"/>
CHEM 104/106 [General Chemistry II/General Chemistry Laboratory] (7 cr.)			<input type="checkbox"/>
BIOL 100 [Principles of Biology I] Spring Only (4.5 cr.)			<input type="checkbox"/>
BIOL 102 [Principles of Biology II] Fall Only (4.5 cr.)			<input type="checkbox"/>

LEVEL II [12.5 CREDITS]	GRADE	SEMESTER	COMPLETED
BIOL 203 [Molecular Biology and Genetics] Spring Only (4.5 cr.)			<input type="checkbox"/>
CHEM 222 [Organic Chemistry Lecture] (4 cr.)			<input type="checkbox"/>
PSYCH 250 [Experimental Psychology: General] (4 cr.) Writing Intensive			<input type="checkbox"/>

↓ Complete 12 Credits of upper-level Neuroscience electives (both Psychology & Biology) including one 300-level Biology course and one Neuroscience seminar*. ↓

Permission to take upper-level biology courses must be obtained first from the BNC advisor and then from the Biology Department.

LEVEL III – NEUROSCIENCE ELECTIVES [12 CREDITS]	GRADE	SEMESTER	COMPLETED
PSYCH 301 [Sensory Neuroscience] (3 cr.)			<input type="checkbox"/>
PSYCH 309 [Behavioral Neuroendocrinology] (3 cr.)			<input type="checkbox"/>
PSYCH 316 [Cognitive Neuroscience] Seminar (3 cr.)			<input type="checkbox"/>
PSYCH 327 [Motivation and Emotion] (3 cr.)			<input type="checkbox"/>
PSYCH 369 [Behavioral Pharmacology] (3 cr.)			<input type="checkbox"/>
PSYCH 382 [Current Topics in Biopsychology] Seminar (3 cr.)			<input type="checkbox"/>
BIOL 370 [Neurophysiology] (4 cr.) Spring Only			<input type="checkbox"/>
BIOL 376 [Endocrinology] (3 cr.) Spring Only			<input type="checkbox"/>
BIOL 380 [Molecular Neurobiology] (3 cr.) Fall Only			<input type="checkbox"/>
BIOL 471 [Special Topics] Seminar (3 cr.)			<input type="checkbox"/>

↑ Courses titled 'Seminar' are BNC electives only. They will not cross over to the General Psychology Major requirements. ↑

↓ **Honors Research**, involving mentored research in a faculty laboratory, is an essential component of the BNC. Two semesters of supervised research and completion of an Honors Thesis are **required**. **Note: Honors courses do not count towards the 12 BNC elective credits.** ↓

HONORS RESEARCH [6 CREDITS]	GRADE	SEMESTER	COMPLETED
PSYCH 396 Honors (3 cr.)			<input type="checkbox"/>
PSYCH 398 Honors (3 cr.)			<input type="checkbox"/>

Research Sponsor's Name: _____ **Signature:** _____

Title of Research Proposal: _____

BNC Director's Signature: _____

↑ Approval is based upon a 2 to 3 – page summary of the research assignment and the student's role in the project. It should be signed by both student and mentor; afterwards submitted to the BNC Director. ↑

- ✦ Students are encouraged to contact the Program Director, Dr. Zeigler, upon completion of Level II at which point the student should formally declare the concentration & identify a faculty laboratory in which to complete their Honors project.
- ✦ *A Seminar is a course in which a substantial portion of the work involves reading, presentations and discussions based on original scientific papers. Seminar courses (marked with Seminar icon) are offered by both Biology and Psychology. Because these are advanced courses, both the Concentration Director/Advisor and the course instructor must grant permission to students.
- ✦ Please email this form to hzeigler@hunter.cuny.edu, keeping a copy for your records and updating courses and grades each semester.