



UNIVERSITY OF WASHINGTON
**CREATING AND CHANGING UNDERGRADUATE
 ACADEMIC PROGRAMS**

JAN 20 2015

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Control # NBIO-20141217

After college/school/campus review, send a signed original and 1 copy to the Curriculum Office/FCAS, Box 355850.
 For information about when and how to use this form: <http://depts.washington.edu/uwcr/1503instructions.pdf>

College/Campus Seattle	Department/Unit Neurobiology	Date 12/17/14
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New Programs

Leading to a Bachelor of _____ in _____ degree.

Leading to a Bachelor of _____ degree with a major in _____.

Leading to a _____ Option within the existing major in _____.

Leading to a minor in _____.

Changes to Existing Programs

New Admission Requirements for the Major in _____ within the Bachelor of _____.

Revised Admission Requirements for the Major in NBio within the Bachelor of Science.

Revised Program Requirements for the Major in u within the Bachelor of y.

Revised Requirements for the Option in _____ within the major in _____.

Revised Requirements for the Minor in _____.

Other Changes

Change name of program from _____ to _____.

Change delivery method or location of program.

New or Revised Continuation Policy for BS in NBIO

New Honors Requirements for _____.

Eliminate program in _____.

Proposed Effective Date: **Quarter:** Autumn Winter Spring Summer **Year: 20 15**

Contact Person: Thomas Freng	Phone: 6-3982	Email: tfreng@uw.edu	Box: 355320
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EXPLANATION OF AND RATIONALE FOR PROPOSED CHANGE

For new program, please include any relevant supporting documentation such as student learning outcomes, projected enrollments, letters of support and departmental handouts. (Use additional pages if necessary).

Our rationale is to allow guaranteed entry into the competitive Undergraduate Neurobiology Major for 6 to 8 incoming freshman students per year for those that pursue entry into UW specifically to study Neurobiology.

Add Cum 2.0 GPA incurses Applied to major & a continuation policy.

OTHER DEPARTMENTS AFFECTED

List all departments/units/ or co-accredited programs affected by your new program or changes to your existing program and acquire the signature of the chair/director of each department/unit listed. Attach additional page(s) if necessary. *See online instructions.

Department/Unit:	Chair/Program Director:	Date:
Department/Unit:	Chair/Program Director:	Date:

Current

Program Admission Requirements

1. BIOL 180, BIOL 200, BIOL 220, with minimum 2.0 grade in each
2. Completion of most supporting coursework in physics, math, and chemistry recommended (see specific course lists, below), with minimum 2.50 GPA in any such work completed at time of application

~~Admission is competitive; meeting minimum standards guarantees consideration but not acceptance. Early application is encouraged and may increase chances for acceptance. Since the program uses rolling admission, there is no specific deadline for applying. See adviser for details about applying.~~

Major Requirements

Minimum 86 credits, as follows:

1. *Supporting coursework (minimum 48 credits):*
 - a. *Chemistry:* Pathway 1 -- CHEM 120, CHEM 220, CHEM 221; Pathway 2 (recommended) -- CHEM 142, CHEM 152, CHEM 162 (or CHEM 145, CHEM 155, CHEM 165); and CHEM 223, CHEM 224 (or CHEM 237, CHEM 238, CHEM 239) (or CHEM 335, CHEM 336, CHEM 337) (labs not required) (15 - 27 credits)
 - b. *Physics:* Pathway 1 - PHYS 114, PHYS 115; Pathway 2 (recommended) - PHYS 121, PHYS 122. (8 to 10 credits)
 - c. *Mathematics:* Two quarters of calculus (MATH 124, MATH 125, or MATH 144, MATH 145, or Q SCI 291, Q SCI 292) (10 credits)
 - d. *Introductory Biology (minimum 15 credits):* BIOL 180, BIOL 200, BIOL 220 (15 credits)
2. *Introduction to Neurobiology (10 credits):* NBIO 301, NBIO 302.
3. *Advanced courses in neurobiology (12 credits):* NBIO 401, NBIO 402, NBIO 403, NBIO 404.
4. *Electives:* Minimum 16 credits from a wide variety of 400-level courses in the biological sciences. See adviser for list of courses. Courses not listed may be allowed with permission of program director. Students may apply up to 7 credits of undergraduate research toward the 16 elective credits.

Proposed

Program Admission Requirements

Applicants are considered in the following groups: Direct Freshman Admission and Regular Admission. Admission is competitive; meeting minimum standards guarantees consideration but not acceptance. The application deadline of the second Friday in October each year except for Direct Freshman Admission.

Direct Freshman Admission

The department enrolls up to 15 percent of its incoming class directly from high school. Students accepted to the UW who indicate neurobiology as their preferred major on their freshman application are considered. Strong applicants have completed chemistry, biology, and calculus in high school and generally have received a minimum 1400 on the SAT (math and verbal sections) or a minimum 30 on the ACT. Admission is for autumn quarter only.

Regular Admission

1. BIOL 180, BIOL 200, BIOL 220, with minimum 2.0 grade in each
2. Completion of most supporting coursework in physics, math, and chemistry recommended (see specific course lists, below), with minimum 2.50 GPA in any such work completed at time of application

Major Requirements

Minimum 86 credits, as follows:

1. *Supporting coursework (minimum 48 credits):*
 - a. *Chemistry:* Pathway 1 -- CHEM 120, CHEM 220, CHEM 221; Pathway 2 (recommended) -- CHEM 142, CHEM 152, CHEM 162 (or CHEM 145, CHEM 155, CHEM 165); and CHEM 223, CHEM 224 (or CHEM 237, CHEM 238, CHEM 239) (or CHEM 335, CHEM 336, CHEM 337) (labs not required) (15 - 27 credits)
 - b. *Physics:* Pathway 1 - PHYS 114, PHYS 115; Pathway 2 (recommended) - PHYS 121, PHYS 122. (8 to 10 credits)
 - c. *Mathematics:* Two quarters of calculus (MATH 124, MATH 125, or MATH 144, MATH 145, or Q SCI 291, Q SCI 292) (10 credits)
 - d. *Introductory Biology (minimum 15 credits):* BIOL 180, BIOL 200, BIOL 220 (15 credits)
2. *Introduction to Neurobiology (10 credits):* NBIO 301, NBIO 302.
3. *Advanced courses in neurobiology (12 credits):* NBIO 401, NBIO 402, NBIO 403, NBIO 404.
4. *Electives:* Minimum 16 credits from a wide variety of 400-level courses in the biological sciences. See adviser for list of courses. Courses not listed may be allowed with permission of program director. Students may apply up to 7 credits of undergraduate research toward the 16 elective credits.
5. **Minimum cumulative 2.00 GPA for courses applied to the major.**

Neurobiology Continuation Policy

The Neurobiology program wants every student we admit to succeed in our program. But we are also responsible for upholding academic standards. The continuation policy specifies the rules students must follow to make satisfactory progress in the major. In addition, we encourage our students to be proactive about seeking advice from the undergraduate adviser or faculty members for problems affecting performance or participation here at the university.

All students are subject to general University policies regarding grades and credits. The University requires students to maintain a 2.00 cumulative GPA. No course required for the degree may be taken S/NS. The Neurobiology program specifies the following additional requirements for our program.

Satisfactory Progress:

1. Students must complete at least one course applicable toward their degree each quarter.
2. Neurobiology majors must earn a cumulative 2.00 GPA or better in courses counted toward degree requirements.

Review of Progress

Student records are reviewed quarterly. If a student fails to meet the standards outlined above, the student will be placed on probation for the following quarter and will be notified in writing of the probationary status and what must be done to remove it. Students who fail to meet the criteria for two consecutive quarters will be dropped from the program. In addition, a student who has accumulated three probationary quarters will be dropped from the program.

Students must file a graduation application with the undergraduate adviser in accordance with University regulations, to ensure all requirements for graduation have been or will be met.

Appeals

A student who is placed on probation or dismissed and who believes that his or her record has been misunderstood can appeal (in writing) to our ad-hoc appeals committee, consisting of faculty, staff and the lead graduate teaching assistant. The appeal must be given to the undergraduate adviser within 30 days of notification of probation or dismissal. The faculty committee will respond to the appeal within 30 days.

Academic Counseling

All neurobiology majors are encouraged to seek out an undergraduate adviser as often as they wish but are encouraged to see the adviser at least once a year. Required counseling appointments are as follows:

1. Upon entry to or departure from the department, to obtain a signature to change majors.
2. During any probationary quarter, no later than the end of the first week of the quarter.
3. The quarter of graduation, for database update and an exit interview.
4. Upon request by the undergraduate adviser or a faculty member. The program wants to help our students do well in the program. Therefore, we may request an appointment to discuss performance.

CATALOG COPY

Catalog Copy as currently written. Include only sections/paragraphs that would be changed if your request is approved. Please cross out or otherwise highlight any deletions.

Admissions is competitive; meeting minimum standards guarantees consideration but not acceptance. Early application is encouraged and may increase chances of acceptance. Since the program uses rolling admission, there is no specific deadline for applying. See advisor for details about applying.

PROPOSED CATALOG COPY

Reflecting requested changes (Include exact wording as you wish it to be shown in the printed catalog. Please underline or otherwise highlight any additions. If needed, attach a separate, expanded version of the changes that might appear in department publications). **Please note:** all copy will be edited to reflect uniform style in the General Catalog.


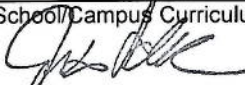
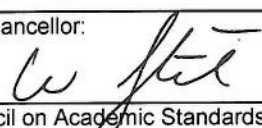
Admissions is competitive. Students may be admitted at two different stages. Consult the program website or with program advisor for further information.

1) Direct admission. The program enrolls up to 15% of its incoming class directly from high school. Students accepted to UW who indicate Neurobiology as their preferred major on their freshman application are considered. Strong applicants have completed Chemistry, Biology and Calculus in high school. Possess GPA's of at least 3.8. Those who participate in AP typically have scores of 5 in Biology, Chemistry and Calculus. Students admitted via direct admission must complete Biology 180,200 and 220 at UW with at least a 3.0 grade in each of the three courses to continue with the Neurobiology major. Students typically begin the the Neurobiology core sequence in their junior year.

2) Regular Admission. Applications are accepted annually due the second Friday of Autumn Quarter. Students must complete Biology 180,200,220 or have completed Biology 180,200 and be enrolled in Biology 220 Autumn Quarter with a minimum 2.0 grade in each course. A minimum overall GPA of 2.5 is required. Meeting minimum standards guarantees considering not acceptance. Please consult with program website or contact program advisor for further information.

(X) with minimum 3.80 GPAs.

APPROVALS

Chair/Program Director:		Date:	12/17/14
College/School/Campus Curriculum Committee:		Date:	1/27/15
Dean/Vice Chancellor:		Date:	1/27/15
Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:		Date:	

POST TRI-CAMPUS APPROVAL (when needed)

Faculty Council on Academic Standards/ General Faculty Organization/Faculty Assembly Chair:		Date:	
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