

Declaring/Changing a Major, Minor, or Applied Minor

Section A: Policies and Instructions

Declaring a Major:

1. Students are required to file a declaration of major at the Registrar's Office no later than the end of their fourth semester.
2. A late fee of \$25.00 will be charged if the petition is submitted after the deadline.
3. A declared major may be changed at any time up to the add/drop deadline of the student's final semester by submitting a new major declaration form.

Declaring a Minor:

1. Minors are optional programs, you are not required to have a minor to graduate.
2. The deadline for declaring a minor is the 5th day of classes of the spring semester of the senior year.
3. Students must declare their Major Field of concentration before declaring a minor.

Declaring an Applied Minor:

1. Applied minors are optional programs, they are not required for graduation.
2. The deadline for declaring an applied minor is the 5th day of classes of the spring semester of the senior.

Progress towards completion of a major, a minor, and an applied minor will be tracked in DegreeWorks.

Complete Section B below and the relevant program section. Next to each requirement, indicate which semester (e.g. Fall 2023) you have taken or will take that course.

Your form must be signed by the Department/Program and your academic advisor (must be in your field of study for your major).

Section B: Student Information

Student Name _____ ID# _____

Email _____ Date _____

Planned Date of Graduation: May _____ December _____ Year: _____

Select one:

- _____ I wish to declare my primary Major
- _____ I wish to declare a Minor
- _____ I wish to declare a second Major
- _____ I wish to declare an Applied Minor
- _____ I wish to change my Major

Neuroscience

Use this form to declare a major in [Neuroscience](#).

Program [Neuroscience](#)

Declaration/Change of Major

To earn a Bachelor of Arts in Neuroscience, you must complete the following courses, in addition to general education requirements.

Required Courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 112	Cells, Genes & Inheritance	4	
<input type="checkbox"/> BIOL 341	Cell Physiology	4	
<input type="checkbox"/> BIOL 345	A&P I: Nervous and Endocrine Systems	4	
<input type="checkbox"/> NEUR 242	Topics in Neuroscience	1	
<input type="checkbox"/> CHEM 111	Principles of Chemistry	4	
<input type="checkbox"/> CHEM 221	Organic Chemistry I	4	
<input type="checkbox"/> PSYC 245	Research Methods & Statistics	4	
<input type="checkbox"/> PSYC 250	Brain & Behavior	4	
<input type="checkbox"/> PSYC 353	Behavioral Neuroscience	3	
<input type="checkbox"/> PSYC 486	Comprehensive Research Project	3	
<input type="checkbox"/> NEUR 488	Senior Capstone Experience	0	

At least one of the following:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> PSYC 355	The Neuroscience of Stress Reduction	4	
<input type="checkbox"/> PSYC 366	Cradle & Grave	3	
<input type="checkbox"/> PSYC 375	Racism and Public Health	4	
<input type="checkbox"/> PSYC 376	Health Psychology	3	
<input type="checkbox"/> PSYC 378	Psychoactive Drugs & Behavior	3	

At least two of the following courses, totaling at least seven credits:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> BIOL 111	Ecological Biology	4	
<input type="checkbox"/> BIOL 200	Epidemiology	3	
<input type="checkbox"/> BIOL 226	Biological Diversity	4	

<input type="checkbox"/> BIOL 251	Intro to Nutrition Science	3
<input type="checkbox"/> BIOL 343	Immunology	3
<input type="checkbox"/> BIOL 346	Vertebrate Zoology	4
<input type="checkbox"/> BIOL 347	Anatomy and Physiology II: Cardiovascular, Respiratory, Renal and Digestive	4
<input type="checkbox"/> BIOL 348	Ornithology	4
<input type="checkbox"/> BIOL 351	Human Genetics & Genomics	3
<input type="checkbox"/> BIOL 357	Animal Behavior	4
<input type="checkbox"/> BIOL 362	Entomology	4
<input type="checkbox"/> BIOL 383	Bioinformatics: Code & Chromosomes	3
<input type="checkbox"/> BIOL 451	Evolutionary Biology	4
<input type="checkbox"/> BIOL 456	Applied Biostatistics	4
<input type="checkbox"/> BIOL 461	Microbiology	4
<input type="checkbox"/> BIOL 464	Advanced Cell Physiology	4
<input type="checkbox"/> BIOL 465	RNA Biology	4
<input type="checkbox"/> BIOL 466	Molecular Genetics	4
<input type="checkbox"/> BIOL 467	Neuropharmacology	3
<input type="checkbox"/> BIOL 481	Internship, Field Study and Other Field Experiences	0-3
<input type="checkbox"/> CHEM 351	Biochemistry	4
<input type="checkbox"/> NEUR 481	Internship, Field Study and Other Field Experiences	0-3

These courses are also recommended depending on your interest, but not required:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> MATH 120	Fundamentals of Statistics	3	
<input type="checkbox"/> MATH 300	Mathematical Statistics	3	
<input type="checkbox"/> MATH 180	Calculus A	4	
<input type="checkbox"/> MATH 280	Calculus B	4	
<input type="checkbox"/> PHYS 120	Matter in Motion (no calculus)	4	
<input type="checkbox"/> PHYS 125	Matter in Motion (with Calculus)	4	
<input type="checkbox"/> PHYS 230	Electromagnetism, Waves and Optics	4	
<input type="checkbox"/> PHYS 235	Electromagnetism, Waves and Optics (With Calculus)	4	
<input type="checkbox"/> CS 128	Programming & Problem Solving	4	

Additional notes to keep in mind:

If you're interested in post-graduate study, including medical school, you should review entrance

requirements of the programs in which you're interested, since many programs require physics, calculus and additional chemistry courses.

If you're interested in taking biochemistry, remember the prerequisites for this course are CHEM 111, 221, 321 and 331.

If you're interested in animal behavior, ornithology, biology of insects and/or vertebrate zoology, remember that BIOL 111 Ecological Biology is a prerequisite.

With approval from neuroscience faculty, specialty courses that are offered on an occasional basis may substitute for one or more of the elective courses.

This student is hereby approved to pursue a major _____ / minor _____ in accordance to the above plans (please enter your full name below).

Academic advisor _____ Date _____

Department/Program Convener _____ Date _____

This completed form must be emailed to registrar@earlham.edu for processing. Your adviser and the Department/Program Convener must be copied on the email.

Registrar _____ Date _____