

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

Chemistry

Use this form to declare a major or a minor in [Chemistry](#).

Program [Chemistry](#)

Declaration/Change of Major

To earn a Bachelor of Arts in Chemistry, you must complete a total of 47-50 credits, made up of the following courses:

Core Courses:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> CHEM 111	Principles of Chemistry	4	
<input type="checkbox"/> CHEM 221	Organic Chemistry I	4	
<input type="checkbox"/> CHEM 321	Organic Chemistry II	4	
<input type="checkbox"/> CHEM 331	Equilibrium & Analysis	5	
<input type="checkbox"/> CHEM 341	Thermodynamics & Kinetics	4	
<input type="checkbox"/> CHEM 361	Inorganic Chemistry	3	
<input type="checkbox"/> CHEM 480	Senior Seminar	2	
<input type="checkbox"/> CHEM 484 Ford-Knight Research or CHEM 486 Student Research		4	
<input type="checkbox"/> CHEM 488	Senior Capstone Experience	0	

Two of the following courses (totaling at least 7 credits):

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> CHEM 351	Biochemistry	4	
<input type="checkbox"/> CHEM 371	Environmental Chemistry & Toxicology	4	
<input type="checkbox"/> CHEM 421	Advanced Organic Chemistry	3	
<input type="checkbox"/> CHEM 431	Advanced Analytical Chemistry	4	
<input type="checkbox"/> CHEM 441	Quantum Chemistry	3	
<input type="checkbox"/> CHEM 453	Cell Membrane Biochemistry	3	
<input type="checkbox"/> CHEM 463	Materials Chemistry	3	
<input type="checkbox"/> CHEM 462	Organometallic Chemistry	3	
<input type="checkbox"/> CHEM 482	Special Topics	3-4	

Additional Requirements

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> MATH 180	Calculus A	4	

- ☐ Either PHYS 125 and 235 Analytical Physics I and II (recommended); OR PHYS 120 and 230 General Physics I and II 8
- Comprehensive Examinations
 - An independent research project is also required. This may be accomplished through an independent study in Chemistry, a summer research experience on or off campus, an approved Ford/Knight Research Project, or other research experiences as approved by the Chemistry Department. Careful early planning with your adviser should be done to determine the best option for the research experience.

Minor/Applied Minor Declaration Form

Declared Major(s) _____

To earn a minor in Chemistry, you must complete:

Core courses

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> CHEM 111	Principles of Chemistry	4	
<input type="checkbox"/> CHEM 221	Organic Chemistry I	4	
<input type="checkbox"/> CHEM 321	Organic Chemistry II	4	
<input type="checkbox"/> CHEM 331	Equilibrium & Analysis	5	

Two courses from the following electives for a minimum of 7 semester hours:

Course Code	Course Title	Credit Hours	Semester
<input type="checkbox"/> CHEM 341	Thermodynamics & Kinetics	4	
<input type="checkbox"/> CHEM 351	Biochemistry	4	
<input type="checkbox"/> CHEM 361	Inorganic Chemistry	3	
<input type="checkbox"/> CHEM 371	Environmental Chemistry & Toxicology	4	
<input type="checkbox"/> CHEM 421	Advanced Organic Chemistry	3	
<input type="checkbox"/> CHEM 431	Advanced Analytical Chemistry	4	
<input type="checkbox"/> CHEM 441	Quantum Chemistry	3	
<input type="checkbox"/> CHEM 453	Cell Membrane Biochemistry	3	
<input type="checkbox"/> CHEM 462	Organometallic Chemistry	3	
<input type="checkbox"/> CHEM 463	Materials Chemistry	3	
<input type="checkbox"/> CHEM 482	Special Topics	3-4	

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 _____