

# SAMPLE Four Year Plan | Bachelor of Science in Education- Chemistry Education Major

The curriculum in the College of Education and Professional Studies is structured so that students move through classes in a prescribed order. Prerequisites are important and are strongly enforced. The four year plan illustrates the type of curriculum a new freshman could take to complete a degree in four years; it is not an official document. Refer to Academic Advising Report for full requirements.

Sample Academic Advising Reports are available online at [www.uww.edu/registrar/sample-aars](http://www.uww.edu/registrar/sample-aars).

## First Year

### Fall

ENGLISH 100 or 101: Intensive College Writing and Reading or College Writing and Reading	3-4	
CHEMISTRY 102- Introductory Chemistry	5	
INTRAUNV 104- New Student Seminar	1	
MATH 152- Elementary Functions	5	
CORE 110- World of the Arts	3	

Total 17-18

### Spring

ENGLISH 102 - College Writing, Reading, and Research	3	
MATH 253- Calculus and Analytic Geometry I	5	
CHEMISTRY 104- Introductory Chemistry	5	
CORE 130- Individual and Society	3	
PEGNRL 192- Personal Health and Fitness for Life	1	
CHEMISTRY 184 - Introduction to Chemistry	1	

Total 18

**First Year Advising Notes:** By the end of the first year your GPA should be a minimum of 2.75 in order to meet the basic requirements for admission to the College of Education and Professional Studies.

**Goals:** Talk to your academic advisor about your interests and goals and begin to understand career options for your major. Explore student groups and organizations and join one that feels right for you. These groups offer a great way to learn more about the major and begin networking. Explore on-campus resources such as undergraduate research opportunities, the Mary Poppe Chrisman Success Center, and the Center for Global Education.

**After your first year:** Become comfortable in understanding and reading your Academic Advising Report.

## Second Year

### Fall

PHYSICS 140- Principles of Physics OR PHYSICS 180- Physics for Scientists and Engineers	5	
CHEMISTRY 352- Quantitative Analysis	5	
CHEMISTRY 251- Organic Chemistry	3	
CHEMISTRY 261- Organic Chemistry Lab	2	
CORE 120 or 140- Historical or Global Perspectives	3	

Total 18

### Spring

CHEMISTRY 252- Organic Chemistry	3	
CHEMISTRY 262- Organic Chemistry lab	2	
CHEMISTRY 371- Physical Chemistry	3	
PHYSICS 141- Principles of Physics II OR PHYSICS 181- Physics for Scientists and Engineers II	5	
MATH 254- Calculus and Analytic Geometry II	5	

Total 18

**Second Year Advising Notes:** Continue to satisfy your general education requirements and begin taking courses related to your core subject area

**Goals:** Get to know the resources available to you in Winther Hall such as the WITRC Lab, the Office of Field Experiences, and the Academic Advising Office.

**After your second year:** Understand your program plan and graduation requirements.



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## Third Year

Fall

ENGLISH 371 - Writing in the Sciences	3	
CHEMISTRY 370- Physical Chemistry	3	
SPECED 205- Introduction to Special Education	3	
BIOLOGY 214 or GEO 252 - Conservation Science	3	
Minor Course	3	
Minor Course	3	

Total 18

Spring

COMM 110-Introduction to Public Speaking	3	
EDFOUND 210- Introduction to Education and Teaching	3	
EDFOUND 212- Educational Psychology	3	
EDFOUND 243- Foundations of Ed in a Pluralistic Society	3	
CHEMISTRY 371 - Physical Chemistry	3	
Minor Course	3	

Total 18

Third Year Advising Notes: To stay on track, you should complete your foundation block courses by the end of your third year. You should plan to apply for admission to Professional Studies at the beginning of your sixth semester, once you have completed 40 credits. Make sure you meet the basic requirements for admission by visiting our website: <http://www.uww.edu/coeps/advising-admissions/admission-to-professional-education/requirements>

Goals: Be admitted to Professional Studies and declare an approved minor. Attend the Hawk Career Fair as well as networking events and employer information meetings. Pursue a leadership position within a student organization or volunteer group. Get to know your professors, especially in your major. Start connecting what you learn in the classroom to how it will apply to your career.

After your third year: Work with your faculty advisor to make sure you're on track to graduate. Continue to seek major-related employment.

## Fourth Year

Fall

CIFLD 402- Directed Teaching Alternative Placement Middle School or CIFLD 404- Secondary School*	2	
SECNDED 466- Literacy Strategies for Content Area Teachers*	3	
SECNDED 429- Methods of Teaching Science*	3	
SECNDED 460 - Secondary Field Study Seminar*	3	
EDFOUND 425- Measurement and Evaluation in the Secondary School*	3	

Total 14

Spring

CORE 390- World of Ideas	3	
Chemistry Elective (200 level or higher, excluding 498R)	3	
General Education Elective	3	
General Education Elective (if needed)	3	
*if a student pursues a Math or Physics minor, fewer credits will be needed in the 8th semester. If you choose to pursue a different minor, additional courses will be required and may lengthen time to degree.		

Total 12+

Courses denoted with a \* require Admission to Professional Studies. You will not be allowed to register for these courses without applying, and being admitted to the College of Education and Professional Studies.

Fourth Year Advising Notes: Apply for graduation online through the Registrar's Office one full semester before you anticipate graduating. Complete all required testing.

Goals: Work with the Career Service Office to perfect your resume and cover letter. Attend networking events, career fairs, and employer information meetings. Read professional journals and consider a student membership in a professional organization.

After your fourth year: Work with your program coordinator and the Office of Field Experiences in order to confirm your student teaching placement.

## Fifth Year

Fall

CIFLD 414- Directed Teaching Secondary or CIFLD 412- Middle*	12	
CIGENRL 470- Student Teaching Seminar*	2	

Total 14

Students must begin their Math and English sequences with the appropriate course. The English course a student starts with will be determined by their ACT English or SAT Verbal score. The Math course a student starts with will be determined by their UW System math placement score.

**Admission to Professional Studies is required for students to take upper division courses in their educator preparation program. Eligibility requirements can be found at: <http://www.uww.edu/coeps/advising-admissions/admission-to-professional-education>**

Chemistry BSE program completers will be endorsed for licensure to teach Chemistry content courses at the Wisconsin Department of Public Instruction Early Adolescence through Adolescence developmental level (approximately ages 10-21 or grades 6-12). If the student completes a licensable minor, they will be endorsed for licensure in their minor content area as well. Typically, a licensable minor will match the developmental level(s) of the major area.

Students will be required to pass additional assessments prior to student teaching and licensure.