

SAMPLE Four Year Plan | Bachelor of Science in Education- Physics 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.

First Year

Fall

ENGLISH 100 or 101: Intensive College Writing and Reading or College Writing and Reading	4-3	
PHYSCS 140 - Principles of Physics I or 180 - Physics for Scientists and Engineers I	5	
PHYSCS 190 - Frontiers of Engineering and Physics	1	
MATH 253 - Calculus and Analytic Geometry I	5	
CORE 110- World of the Arts	3	
INTRAUNV 104 - New Student Seminar	1	

Total 18-19

Spring

ENGLISH 102 - College Writing, Reading, and Research	3	
MATH 254 - Calculus and Analytic Geometry II	5	
PHYSCS 141 - Principles of Physics II or 181 - Physics for Scientists and Engineers II	5	
SPECED 205 - Introduction to Special Education	3	
PEGNRL 192- Personal Health and Fitness for Life	1	

Total 17

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

PHYSCS 305 - Mechanics-Statistics	3	
PHYSCS 324 - Methods of Theoretical Physics	3	
CORE 130- Individual and Society	3	
Minor Course	3	
General Education Elective	3	
PHYSCS 190 - Frontiers of Engineering and Physics	1	

Total 16

Spring

PHYSCS 310 - Mechanics-Dynamics	3	
PHYSCS 344 - Modern Physics	4	
ENGLISH 370 - Advanced Composition or 372 - Technical and Scientific Writing	3	
CORE 120 or 140- Historical or Global Perspectives	3	
Minor Course	3	

Total 16

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.



**UNIVERSITY OF WISCONSIN
WHITEWATER**

COLLEGE of EDUCATION
AND PROFESSIONAL STUDIES

Third Year

Fall

BIOLOGY 214 - Ecology and Society	3	
PHYSICS 221 - Intermediate Laboratory	2	
PHYSICS 489 - Physics Senior Seminar	2	
ASTRONOMY 112 - Introduction to Astronomy	5	
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	
PHYSICS Elective	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 in the Disciplines*	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	
Minor Course	3	

Total 17

Spring

CORE 390- World of Ideas	3	
Minor Course	3	
Minor Course	3	
General Education Elective	3	
*if a student pursues a Math 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>

Physics BSE program completers will be endorsed for licensure to teach Physics 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.