

SAMPLE Four Year Plan | Bachelor of Science in Education - Math

Fall 2019 Requirements

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	3-4	
MATH 253 - Calculus and Analytic Geometry I	5	
SPECED 205 - Introduction to Special Education	3	
CORE 110 -World of the Arts	3	
PEGENRL 192 - Personal Health and Fitness for Life	1	
INTRAUNV 104- New Student Seminar	1	

Total 16-17

Spring

ENGLISH 102 - College Writing, Reading, and Research	3	
MATH 254 - Calculus and Analytic Geometry II	5	
COMM 110 - Introduction to Human Communication	3	
CORE 130- Individual and Society	3	
MATH 355 - Matrices and Linear Algebra	3	

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

MATH 255 - Calculus and Analytic Geometry III	3	
MATH 280 - Discrete Mathematics	3	
EDFNDRP 210 - Introduction to Education and Teaching	3	
EDFOUND 212 - Educational Psychology	3	
EDFOUND 243 - Foundations of Ed in a Pluaralistic Society	3	
Minor Course	3	

Total 18

Spring

MATH 353 - College Geometry	5	
MATH 359 - Probability and Statistics for Teachers	3	
CORE 120 or 140- Historical Perspectives or Global Perspectives	3	
Any Lab Science (GL designation)	4-5	
Minor Course	3	

Total 18-19

Second Year Advising Notes: To stay on track, you should complete your foundation block courses by the end of your second year. You should plan to apply for admission to Professional Studies at the beginning of your fourth 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: 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
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Third Year

Fall

MATH 301 - Introduction to Analysis	3	
MATH 452 - Introduction to Abstract Algebra	3	
ENGLISH 370 or ENGLISH 372 - Technical and Scientific Writing	3	
Minor Course	3	
Minor Course	3	
Minor Course	3	

Total 18

Spring

MATH 421 - Mathematics for High School Teachers I	3	
CORE 390 - World of Ideas	3	
Minor Course	3	
Minor Course	3	
Minor Course	3	

Total 15

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.

Third Year Advising Notes: A faculty member will be assigned as your advisor once you are admitted to Professional Studies. They should be used to help you determine your program plan.

Goals: Be admitted to the college of education 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

MATH 422 - Mathematics for High School Teachers II	3	
SECNDED 428 - The Teaching of Mathematics in the Secondary School*	3	
SECNDED 466 - Literacy Strategies for Content-Area Teachers*	3	
EDFOUND 425 - Measurement and Evaluation in the Secondary School*	3	
SECNDED 460 - Secondary Field Study Seminar*	3	
CIFLD 402 - Directed Teaching Alternative Placement Middle School or 404 - Secondary School*	2	

Total 17

Spring

CIFLD 412 - Directed Teaching Middle School or 414 - Secondary School*	12	
CIGEN 470 - Student Teaching Seminar (recommended)	2	

Total 12

Fourth Year Advising Notes: Apply for graduation online through the Registrar's Office one full semester before you anticipate graduating. Complete all required. Work with your program coordinator and the Office of Field Experiences in order to confirm your student teaching placement.

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.

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>

Mathematics BSE program completers will be endorsed for licensure to teach Math 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 and also require an additional teaching methods course in order to be endorsed for licensure.

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