

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

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.

First Year

Fall

ENGLISH 100 or 101- Intensive College Writing and Reading or College Writing and Reading	3-4	
CORE 110 -World of the Arts	3	
MATH 253- Calculus and Analytic Geometry I	5	
SPECED 205 - Introduction to Special Education	3	
INTRAUNV 104- New Student Seminar	1	
PEGENRL 192- Personal Health and Fitness for Life	1	

Total 16-17

Spring

ENGLISH 102 - College Writing, Reading, and Research	3	
CORE 130- Individual and Society	3	
MATH 200- Mathematics Form and Function *	1	
MATH 254- Calculus and Analytic Geometry II	4	
MATH 280- Discrete Mathematics	3	
EDFOUND 212- Educational Psychology	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 Office of Global Experiences.

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

Second Year

Fall

COMM 110 - Introduction to Public Speaking	3	
MATH 255- Calculus and Analytic Geometry III	4	
MATH 270- Problem Solving for Mathematics Teachers *	3	
CORE 120 or 140- Historical or Global Perspectives	3	
MATH 248- Tutoring Seminar	1	

Total 14

Spring

EDFOUND 210 - Introduction to Education and Teaching	3	
EDFOUND 243 - Foundations of Education in a Pluralistic Society	3	
STAT 230- Introduction to Statistical Reasoning and Analysis	3	
MATH 301- Introduction to Analysis	3	
MATH 359- Probability and Statistics for Teachers *	3	

Total 15

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: <https://www.uww.edu/coeps/advising-licensure#admissions>

Goals: Be admitted to Professional Studies. Get to know the resources available to you in Winther Hall such as the Cloud Lab, the Office of Clinical 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

ELEMMID 425- Teaching Mathematics in the Elementary/Middle Grades	3	
MATH 333- Euclidean Geometry *	3	
MATH 452- Introduction to Abstract Algebra *	3	
EDFOUND 425 - Measurement and Evaluation in the Secondary School	3	
BIOLOGY 120 or 215 – Biological Foundations or Exploring Ecological Issues in Society	4	

Total 16

Spring

CORE 390 - World of Ideas	3	
CIGENRL 400- Pedagogy and Practice of Mathematical Modeling for STEAM Teaching	3	
CIGENRL 350- Introduction to Bilingual/Bicultural Education and ESL	3	
MATH 433- Non-Euclidean Geometry *	3	
MATH 421- Mathematics for High School Teachers I *	3	
General Education Elective	1	

Total 16

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: 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

SECNDED 428 - The Teaching of Mathematics in the Secondary School*	3	
SECNDED 466 – Literacy in the Disciplines	3	
CIFLD 342 – Math Pre-ST Middle OR CIFLD 344 – Math Pre-ST Secondary	2	
MATH 355- Matrices and Linear Algebra	3	
MATH 422- Mathematics for High School Teachers II *	3	

Total 14

Spring

CIFLD 442 Math ST Middle OR CIFLD 444 Math ST Secondary	10	
CIGENRL 470- Student Teaching Seminar	2	

Total 12

Courses in red require Admission to Professional Studies. You will not be allowed to register for these courses without applying, and being admitted to Professional Studies. Courses denoted with a * are only offered in the semester listed.

Fourth Year Advising Notes: Apply for graduation online through the Registrar's Office one full semester before you anticipate graduating. Complete all required testing. Work with your program coordinator and the Office of Clinical 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 and be eligible to teach grades 4-12. This program will result in a Secondary Education License.

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