

Mathematics, Teaching, Comprehensive Major

The following is a hypothetical schedule, based on the 2019-2020 catalog. It assumes no transferred credits, no requirements waived by placement tests, no courses taken in the summer or winter, and no remedial courses that may be required. UW-Eau Claire cannot guarantee all courses will be offered as shown, but will provide a range of courses that will enable prepared students to fulfill their requirements in a timely period. This is just a guide. Please consult your advisor, your degree audit, and the catalog to create your personalized degree plan. Note: In order to complete their degrees in four years, students should plan to take 15 credits each semester or 30 credits each year.

FIRST YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH 114	Calculus 1	4	MATH 215	Calculus II	4
WRIT 114, 116, 118 or 120	Blugold Seminar (S1)	5	ES 212 ^a	Initial Teaching Experience	2

SOME TIME IN THE FIRST YEAR:

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH Elective	Above 305 (Suggested S3 and/or I1)	3	Elective	From some time in 1 st or 2 nd year	3
LE Core Elective	From some time in 1 st or 2 nd year	4	CJ 201, 202, or 203	Fundamentals of Speech (S1)	3
LE Core Elective	From some time in 1 st or 2 nd year	3	Elective	From some time in 1 st or 2 nd year	3
			TOTAL FIRST YEAR		34

SECOND YEAR

FIRST SEMESTER			SECOND SEMESTER		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH 216	Calculus III	4			
MATH 345 (Fall only)	Intro. To Probability and Statistics	4			

SOME TIME IN THE SECOND YEAR:

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH Elective	Above 305 (Suggested MATH 307 S3 and I1)	3	ES 385	Social Foundations: Human Relations (R1 and DD)	3
MATH 324	Linear Algebra and Matrix Theory	4	PSYC 260	Educational Psychology (K2)	3
LE Core Elective	From some time in 1 st or 2 nd year	3	LE Core Elective	From some time in 1 st or 2 nd year	4
			TOTAL SECOND YEAR		28

SOME TIME IN THE FIRST OR SECOND YEAR

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
LE Core Elective	Biology (K1)	4	LE Core Elective	Humanities (K3) and Equity, Diversity, Inclusivity (R1)	3
LE Core Elective	Natural Science (K1) and Integrative Learning (I1)	4	LE Core Elective	Civic and Environmental Issues (R3) and Social Sciences (K2)	3
Elective	Suggested Western competency course	3			
Elective	Suggested Non-Western competency course	3			

THIRD YEAR

FIRST SEMESTER			SECOND SEMESTER— Apply for Admission to COEHS		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH 373 (Fall only)	Issues in Mathematics Education	4	MATH 451 (Spring only)	Teaching Mathematics with Technology	4
SPED 300	Inclusive Practices for Secondary Education	3	SPED 306	Behavior Management	3

SOME TIME IN THE THIRD YEAR

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
MATH 425	Abstract Algebra I	3	LE Core Elective	Fine Arts (K4)	3
ES 415	Assessment and Evaluation in Grades 1-12	3	MATH 330	Modern Geometry	4
LE Core Elective	Humanities (K3), Literature, and Global Learning (R2)	3			
			TOTAL THIRD YEAR		32

FOURTH YEAR

FIRST SEMESTER ^b			SECOND SEMESTER ^c		
Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
ES 312	General Methods	2	ES 445	Student Teaching in Middle Level Education	6
ES 318	Teacher Assisting	1			
ES 328	Content Area Reading	2	ES 470	Student Teaching in Secondary Education	6
ES 357 (Fall only)	Teaching Math Grades 6-12	2			
ES 317	Middle Level Methods	2	ES 497	Field Experience Seminar (S3 and I1)	2
ES 490	Historical, Legal, and Philosophical Foundations of Education	3			

SOME TIME IN THE FOURTH YEAR

Subj/Area/Course	Title	Crs	Subj/Area/Course	Title	Crs
			TOTAL FOURTH YEAR		26

RECOMMENDATIONS FOR HIGH IMPACT PRACTICES (HIPs)

The University of Wisconsin-Eau Claire encourages all students to participate in High Impact Practices. The following information identifies any specific recommendations that faculty in this major have concerning which HIPs might be most beneficial to students, and any recommendations about when those HIPs best fit into the degree plan. Students should also consult their faculty advisor for information on HIPs. There are many additional high impact opportunities available. Talk to your academic advisor for more information about incorporating HIPs like [Study Abroad](#), [Intercultural Immersion](#), [Internship](#), and/or [Student/Faculty Collaborative Research](#) into your time at UW-Eau Claire.

Once admitted to the School of Education, students participate in High Impact Practices during the Block semester and Student Teaching.

NOTES**Liberal Education Core (LE Core)**

The LE Core comprises 17 learning experiences across 11 learning outcomes. Students must complete a minimum of 36 credits in courses approved for the LE Core.

- K1 – Natural Sciences; two experiences (one lab science experience is required in K1 or K2).
- K2 – Social Sciences; two experiences (one lab science experience is required in K1 or K2).
- K3 – Humanities; two experiences.
- K4 – Fine Arts; one experience.
- S1 – Written and Oral Communication; two experiences (one experience must satisfy the University writing requirement).
- S2 – Mathematics; one experience (must satisfy the University math competency requirement).
- S3 – Creativity; one experience (can be fulfilled in a student's major).
- R1 – Equity, Diversity, and Inclusivity; two experiences (one experience must meet the UW System Design for Diversity (DD) requirement).
- R2 – Global Perspectives; one experience.
- R3 – Civic and Environmental Issues; one experience.
- I1 – Integration; two experiences (one experience can be fulfilled in a student's major).
- SL—Service Learning; 30 hours

Additional LE Core Information

- Most LE Core learning experiences are course based, and many courses meet more than one learning outcome (e.g., K3 and R2 or K1 and R3).
- Some learning experiences can also be met outside of a traditional course (e.g., undergraduate research (S3), study abroad (I1)).
- S1 – An English placement score that fulfills the University writing requirement fulfills one S1 experience.
- S1 – A foreign Language placement score that qualifies the student to enter the 102 level satisfies one S1 experience.
- S1, R2 – A foreign language placement score that qualifies the student to enter the 202 level satisfies one experience in S1 and the R2 experience.

- S2 – A math placement score that qualifies the student to enter Math 111, 112, 113 or 114 fulfills the S2 experience.
- S3 – Completion of two credits from any approved music ensemble fulfills the S3 experience.
- I1 – Any semester long study abroad program can fulfill one I1 experience.

Course Suggestions (if applicable)

Application to Major (if applicable)

- ^a Students must have qualifying ACT scores or taken and passed Praxis CORE.
- ^b Student must be admitted to the School of Education
- ^c Student must be admitted to the Professional Semester