2+2 Degree Plan

Bachelors of Science in Mathematics- Teacher Education

- The following is a degree plan that leads to a Bachelor of Science in Education (B.S. Ed.) degree in Mathematics- Teacher Education at WIU. Students will consult the advisors and catalogs from both schools for specifics. This completion guide is designed to earn a bachelors in Mathematics-Teacher Education taking courses at both Black Hawk Community College (BHC) and Western Illinois University (WIU). This guide assumes students have met all course prerequisites required by BHC and admission requirements for WIU.
- Upon completion of the first two years' requirements at BHC, students will receive an Associate of Arts (A.A.) degree. Students will be required to complete the Mathematics core requirements at WIU, and upon completion of the curriculum/licensure requirements students will receive the B.S. Mathematics. degree with a major in Mathematics-Teacher Education. In general, a minimum of 60 semester hours (s.h.) will be taken at BHC at BHC tuition rates and a minimum of 60 s.h. from WIU at WIU tuition rates.
- Students must achieve a 2.5 GPA in order to be accepted into and continue in WIU Mathematics-Teacher Education Major. These grade point averages must be maintained for graduation as a Mathematics-Teacher Education major.

Black Hawk College Course & Credit Hours & Western Illinois University Equivalents

Semester 1		
MATH 124 - Calculus I	4	MATH 133 - Calculus with Analytic Geometry I
ENG 101 – Composition I	3	ENG 180 - College Writing I
IAI Physical or Life Science (part of a 2-course sequence)	4	WIU Natural Science
IAI Social & Behavioral Science	3	WIU Social Science
IAI Fine Arts	3	WIU Fine Arts
Total	17	
Semester 2		
MATH 225 - Calculus II	4	MATH 134 - Calculus with Analytic Geometry II
ENG 102 – Composition II	3	ENG 280 College Writing II
IAI Physical or Life Science (part of a 2-course sequence)	4	WIU Natural Science
IAI Social & Behavioral Science	3	WIU Social Science
Total	14	
Semester 3		
MATH 226 - Calculus III	5	MATH 231 - Calculus with Analytic Geometry III
EDUC 202 - Multicultural/Soc Found of Ed	3	EDS 202 - Multicultural and Social Foundations of Education
IAI Physical or Life Science	3	WIU Natural Science
MATH 230 - Linear Algebra	3	MATH 311 - Linear Algebra
Total	14	
Semester 4		
IAI Humanities	3	WIU Humanities
IAI Humanities or IAI Fine Arts	3	WIU Humanities or Fine Arts
IAI Social & Behavioral Science	3	WIU Social Science
SPEC 101 – Principles of Speech Comm.	3	COMM 241 - Intro to Public Speaking
Elective	3 min.	
Total	15	
Total Credits at BHC	**60**	

BHC Notes:
1. A minimum of 60 hours is required to complete the Associate of Arts degree.
2. To satisfy WIU's B.S. degree general education requirements, include one science lab sequence in the Physical or Life Sciences: CHEM 101+CHEM 102 (4 credits each), CHEM 110+CHEM 111 (4 credits each), PHYS 201+PHYS 202 (5 credits each), PHYS 110+ASTR 101 or ASTR 102 (4 credits each), BIOL 190+BIOL 211 (4 credits each), or BIOL 105+BIOL 106 (5 credits each). To satisfy BHC's A.A. general education requirements, include one IAI Physical Science course and one IAI Life Science course among the three science courses in this plan. A lab is not required in the third course.
3. The Social Behavioral Science courses must be selected from at least two different prefixes.
4. BHC requires completion of a Non-Western studies course. Consult a BHC Advisor for course options that simultaneously fulfill an IAI Humanities, IAI Fine Arts, or IAI Social and Behavioral Science.
5. For questions please contact BHC Advising: email ADVQC@bhc.edu, or phone 309-796-5100.

Western Illinois University Courses & Semester Hours

Semester 1 (Fall)	Semester 2 (Spring)	Semester 3 (Fall)	Semester 4 (Spring)
MATH 310 - Euclidean and Non-Euclidean Geometry (4 s.h.)	MATH 304 - Pedagogical Content Knowledge and Reading in Secondary School Mathematics (4 s.h.)	MATH/EDUC 439 - Teaching and Assessment in Secondary School Mathematics (4 s.h.)	STCH 480 - Student Teaching. (12 s.h.)
STAT 276 - Introduction to Probability and Statistics (3 s.h.)	EDS 303 - Classroom Management and Field Work in Academic Settings (2 s.h.)	EDS - 304 Field Work in Educational and Interdisciplinary Studies (1 s.h.)	
MATH 381 - Introduction to STEM teaching (1 s.h.) —– or —- MATH 389 - Teaching of Algebra Seminar (1 s.h.)	MATH 435 - Introduction to Real Variables I (3 s.h.)	MATH 421 - Abstract Algebra (3 s.h.)	
Math 341 - Sets and Logic (3 s.h.)	EDS 305 - Measurement and Assessment of Learning in Academic Settings (2 s.h.)	SPED 390 - Characteristics and Methods for Teaching Students with Special Needs (3 s.h.)	
EDS 301 Cognition, Development, and Motivation in Academic Settings (3 s.h.)	MATH 355 - Applied Combinatorics (3 s.h.)	RDG 387- Literacy Instruction in Content Areas (2 s.h.) —– or —– ENG 366 -	
MATH 391 - Writing in the Mathematical Sciences (1 s.h.) - or - MATH 444 - Undergraduate Research Project (1 s.h.)	MATH 383 - Mathematical Modeling (3 s.h.)	EDS 401 - Educational Law and Policy (2 s.h.)	
		Elective (1 s.h.)	
15 Semester Hours	**17 Semester Hours**	**16 Semester Hours**	**12 Semester Hours**

WIU Requirements:
1. Forty-two upper-division hours are required from a 4-year institution
2. A minimum 60 hours is required from a 4-year institution
3. A minimum GPA of 2.5 will be required overall, in the major and in the minor(s) (if applicable)
4. Earned, in accordance with the Illinois State Board of Education- a C - or better in all directed general education courses, all core courses and all courses in the option. See WIU Catalog for additional Teacher Education Requirements
5. Must have 32 s.h. minimum completed in an approved major. At least 15 s.h. of the 32 s.h. of a major must be in courses numbered 300 or above.

Students can apply to WIU up to a year in advance of transferring. WIU recommends applying prior to May 1st for Fall semester starting students as to not miss scholarship deadlines.

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