



B.S.Ed. Special Education: PK-12 and Elementary 4-8 Mathematics Requirements

The BSED Special Education PK-12/Elementary Education 4-8 Mathematics Program provides course preparation in Special Education and Elementary Education and includes clinical experience. The program leads to a bachelor's degree and teaching certification in PK-12 Special Education and 4-8 Mathematics Elementary Education.

Note that all KU students must achieve a minimum of 120 undergraduate credits and a minimum 3.0 overall GPA to graduate. Most students in this program will graduate with 132 credits. The final GPA requirement for Special Education PK-12/Elementary Education 4-8 Mathematics is 3.0.

Required Special Education Core Courses – 33 credits

Note: the following courses require a final grade of C or better.

SPEE 101 Early Intervention and Transition for Students with Disabilities (3 credits)
SPEE 201 Cognitive Development of Diverse Learners (3 credits) *Pre-candidacy course.*
SPEE 216 Evidence-Based Practices in Mathematics for Students with Disabilities (3 credits)
SPEE 223 Augmentative and Alternative Communication to Support Students with Disabilities (3 credits)
SPEE 313 Making Content Area Instruction Accessible for Students with Disabilities (3 credits)
SPEE 327 Transition, Self-Determination and Self-Advocacy for Adolescents and Adults with Disabilities (3 credits)
ELED 212 Teaching Diverse Learners Middle Level (3 credits) *Pre-candidacy course.*
ELED 312 Culturally Responsive Teaching for ELL (3 credits) *Pre-candidacy course.*
ELED 226 Teach Middle Level or EDUC 326 Introduction to Middle Level Ed (3 credits) *Pre-candidacy course*

Teacher Candidacy is required for the following courses:

SPEE 322 Teaching Students with High-Incidence Disabilities (3 credits)
SPEE 330 Teaching Students with Low-Incidence Disabilities (3 credits)

Natural Sciences Courses – 9 credits

CHEM 020 Intro to Chemistry (Lab) (3 credits)
BIOL 130 Environmental Issues Global Perspective or BIOL 140 Biology and Society (3 credits)
PHYS 20 Intro to Physics (Lab) (3 credits)

Mathematics Courses – 15 credits

MATH 40 Geometry (3 credits)
MATH 105 College Algebra (3 credits)
MATH 122 Applied Calculus (3 credits)
MATH 140 Applied Statistical Methods (3 credits)
MATH 106 Trigonometry (3 credits) or MATH 115 Pre-Calculus (3 credits) or MATH 123 Discrete Math (3 credits)

Trio Semester Courses – 9 credits

Teacher candidacy is required to take these courses. The courses will be scheduled in a block format.

SPEE 317 Intensive Reading, Writing and Mathematics Intervention Approaches (3 credits)
SPEE 320 Special Education Processes and IEP Development (3 credits)
SPEE 328 Positive Behavioral Interventions and Supports (3 credits)

Professional Semester Courses – 15 credits

Teacher candidacy is required to take these courses. The courses will be scheduled in a block format in the fall semester only. These courses are a pre-requisite for the clinical experience semester. A final grade of C or better is required.

ELED 342 Teaching Writing at the Middle Level (3 credits)

ELED 344 Teaching Social Studies at the Middle Level (3 credits)

ELED 346 Middle Level Cognitive Development (3 credits)

ELED 347 Teaching and Assessing Math for Middle Level Learners (3 credits)

ELED 349 Teaching Science at the Middle Level (3 credits)

Clinical Experience Courses – 12 credits

ELED 392 or ELED 393 Clinical Experience and Practicum with Middle Level Learners Elementary Education (6 credits)

SPEE 392 or SPEE 393 Clinical Experience and Practicum Special Education (6 credits)

Directed General Education Courses – 39 credits

While counting toward General Education fulfillment, these courses are required for completion of the major. A student must earn a final grade of C or better in the following courses.

COMP 100 Effective Composition – Category A1 (3 credits)

COMM 10 Fundamentals of Oral Communication – Category A3 (3 credits)

SPEE 316 Literacy Development and Instruction in Core and Intervention Areas – Category A4 (3 credits) *Pre-candidacy course.*

LLTC 321 Technologies for the 21st Century Educator – Category D (3 credits) *Pre-candidacy course.*

MATH 103 Fundamentals of Math I – Category C2 (3 credits)

MATH 104 Fundamentals of Math II – Category C3 (3 credits)

ENGL Literature course – Category D (3 credits)

The following courses do not have the C or better requirement:

COMP 200 Research and Composition – Category A2 (3 credits)

BIOL 10 Intro to Biology – Category C1 (3 credits)

HIST 25 American History I or HIST 26 American History II – Category B (3 credits)

HIST 14 World History I or HIST 15 World History II – Category D (3 credits)

ECON 100 Economics – Category B (3 credits)

GEOG 20 or GEOG 101 Geography – Category B (3 credits)

Program Plan Code: BSSED_SPED_SPUP

Effective Date: Spring 2021

KU Special Education PK-12/Elementary Education 4-8 Mathematics Major Check Sheet

Student Name:

Student ID Number:

This check sheet provides a mechanism for students and advisors to keep track of a student's progress in the program. Please refer to the program requirements for more details regarding options.

Note that all KU students must achieve a minimum of 120 undergraduate credits and a minimum 3.0 overall GPA to graduate. Most students in this program will graduate with 132 credits. The final GPA requirement for Special Education PK-12/Elementary Education 4-8 Mathematics is 3.0.

Required Special Education Core Courses - 33 credits

SPEE 201 Cognitive Development of Diverse Learners	3 credits	Grade:
SPEE 101 Early Intervention and Transition for Students with Disabilities	3 credits	Grade:
SPEE 216 Evidence-Based Practices in Mathematics for Students with Disabilities	3 credits	Grade:
SPEE 313 Making Content Area Instruction Accessible for Students with Disabilities	3 credits	Grade:
SPEE 327 Transition, Self-Determination and Self-Advocacy for Adolescents and Adults with Disabilities	3 credits	Grade:
SPEE 330 Teaching Students with Low-Incidence Disabilities	3 credits	Grade:
SPEE 223 Augmentative and Alternative Communication to Support Students with Disabilities	3 credits	Grade:
SPEE 322 Teaching Students with High-Incidence Disabilities	3 credits	Grade:
ELED 212 Teaching Diverse Learners Middle Level	3 credits	Grade:
ELED 312 Culturally Responsive Teaching for ELL	3 credits	Grade:
ELED 226 Teach Middle Level or EDUC 326 Introduction to Middle Level	3 credits	Grade:
Total Credits	33 total credits	

Required Natural Sciences Courses - 9 credits

CHEM 20 Intro to Chemistry (Lab)	3 credits	Grade:
PHYS 20 Intro to Physics (Lab)	3 credits	Grade:
BIOL130 Environmental Issues Global Perspective or BIOL140 Biology and Society	3 credits	Grade:
Total Credits	9 total credits	

Required Mathematics Courses - 15 credits

MATH 40 Geometry	3 credits	Grade:
MATH 105 College Algebra	3 credits	Grade:
MATH 122 Applied Calculus	3 credits	Grade:
MATH 140 Applied Statistical Methods	3 credits	Grade:
MATH 106 Trigonometry or MATH 115 Pre-Calculus or MATH 123 Discrete Math	3 credits	Grade:
Total Credits	15 total credits	

TRIO Semester Courses - 9 credits

SPEE 317 Intensive Reading, Writing and Mathematics Intervention Approaches	3 credits	Grade:
SPEE 320 Special Education Processes and IEP Development	3 credits	Grade:
SPEE 328 Positive Behavioral Interventions and Supports	3 credits	Grade:
Total Credits	9 total credits	

Professional Semester Courses - 15 credits

ELED 342 Teaching Writing at the Middle Level	3 credits	Grade:
ELED 344 Teaching Social Studies at the Middle Level	3 credits	Grade:
ELED 346 Middle Level Cognitive Development	3 credits	Grade:
ELED 347 Teaching and Assessing Math for Middle Level Learners	3 credits	Grade:
ELED 349 Teaching Science at the Middle Level	3 credits	Grade:
Total Credits	15 total credits	

Clinical Experience Courses - 12 credits

ELED 392 or ELED 393 Clinical Experience and Practicum with Middle Level Learners	6 credits	Grade:
SPEE 392 or SPEE 393 Clinical Experience and Practicum	6 credits	Grade:
Total Credits	12 total credits	

Directed General Education Courses

COMP 100 Effective Composition (Category A1)	3 credits	Grade:
COMP 200 Research and Composition (Category A2)	3 credits	Grade:
COMM 10 Fundamentals of Oral Communication (Cat A3)	3 credits	Grade:
SPEE 316 Literacy Development and Instruction in Core and Intervention Areas (Category A4)	3 credits	Grade:
LLTC 321 Technologies for the 21st Century Educator (Category D)	3 credits	Grade:
MATH 103 Fundamentals of Math I (Category C2)	3 credits	Grade:
MATH 104 Fundamentals of Math II (Category C3)	3 credits	Grade:
ENGL Literature course (Category D)	3 credits	Grade:
BIOL 10 Intro to Biology (Category C1)	3 credits	Grade:
HIST 25 American History I or HIST 26 American History II (Category B)	3 credits	Grade:
HIST 14 World History I or HIST 15 World History II (Category D)	3 credits	Grade:
ECON 100 Economics (Category B)	3 credits	Grade:
GEOG 20 or GEOG 101 Geography (Category B)	3 credits	Grade:
Total Credits	39 total credits	

Summary of Graduation Requirements

Total credits from major courses	93
Total credits from general education program	42-45
Total credits from free electives	0
Minimum total credits to graduate	120
Minimum overall GPA	3.0
Minimum GPA in major program	3.0

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Special Education PK-12/Elementary Education 4-8 Mathematics 8-Semester Planner

Notes: Each semester listed below provides information including course categories, typical credit hours (CH.), and space to add specific course selections. This planner is only a suggested path. Consult with your program advisor regarding your unique plans and interests as you make choices about your schedule.

First Semester Plan

Gen Ed	COMP 100 (Category A1)	3 CH.	Selection:
Gen Ed	MATH 103 (Category C2)	3 CH.	Selection:
Gen Ed	FYSM 100, First Year Seminar	3 CH.	Selection: FYSM 100
Gen Ed	HIST 25 <i>or</i> HIST 26 (Category B)	3 CH.	Selection:
Gen Ed	BIOL 10 (Category C1)	3 CH.	Selection:
Major	SPEE 201 (Category B)	3 CH.	Selection:
Total		18 CH.	

Second Semester Plan

Gen Ed	COMP 200 (Category A2)	3 CH.	Selection:
Gen Ed	MATH 104 (Category C3)	3 CH.	Selection:
Gen Ed	ENGL Literature Course (Category D)	3 CH.	Selection:
Gen Ed	HIST 14 <i>or</i> HIST 05 (Category D)	3 CH.	Selection:
Major	CHEM 020	3 CH.	Selection:
Major	SPEE 101	3 CH.	Selection:
Total		18 CH.	

Third Semester Plan

Gen Ed	LLTC 321 (Category D)	3 CH.	Selection:
Major	MATH 105	3 CH.	Selection:
Major	MATH 40	3 CH.	Selection:
Major	PHYS 20	3 CH.	Selection:
Major	SPEE 216	3 CH.	Selection:
Major	SPEE 223	3 CH.	Selection:
Total		18 CH.	

Fourth Semester Plan

Gen Ed	COMM 10 (Category A3)	3 CH.	Selection:
Major	MATH 122	3 CH.	Selection:
Major	ELED 212	3 CH.	Selection:
Major	SPEE 313	3 CH.	Selection:
Major	SPEE 327	3 CH.	Selection:
Major	BIOL 130 <i>or</i> BIOL 140	3 CH.	Selection:
Total		18 CH.	

Fifth Semester Plan

Gen Ed	SPEE 316 (Category A4)	3 CH.	Selection:
Gen Ed	ECON 100 (Category B)	3 CH.	Selection:
Gen Ed	GEOG 20 or GEOG 101 (Category B)	3 CH.	Selection:
Major	ELED 312	3 CH.	Selection:
Major	ELED 226 or EDUC 326	3 CH.	Selection:
Major	MATH 140	3 CH.	Selection:
Total		18 CH.	

Sixth Semester Plan (TRIO Semester)

Major	SPEE 317	3 CH.	Selection:
Major	SPEE 320	3 CH.	Selection:
Major	SPEE 328	3 CH.	Selection:
Major	SPEE 322	3 CH.	Selection:
Major	SPEE 330	3 CH.	Selection:
Major	MATH 106 or MATH 115 or MATH 123	3 CH.	Selection:
Total		18 CH.	

Seventh Semester Plan (Professional Semester)

Major	ELED 342	3 CH.	Selection:
Major	ELED 344	3 CH.	Selection:
Major	ELED 346	3 CH.	Selection:
Major	ELED 347	3 CH.	Selection:
Major	ELED 349	3 CH.	Selection:
Total		15 CH.	

Eighth Semester Plan

Major	ELED 392 or ELED 393	6 CH.	Selection:
Major	SPEE 392 or SPEE 393	6 CH.	Selection:
Total		12 CH.	

Additional Notes: Please do not substitute other courses for the ones listed here. These are the courses required for dual certification in Special Education and Elementary Education, 4-8 Mathematics. SPEE 317, 320, and 328 must be taken all together and placement will occur through the Special Education Department.

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