



BAKER UNIVERSITY MAJOR CHECKLIST

SECONDARY MATHEMATICS EDUCATION

B. S.

MAJOR REQUIREMENTS

- NOTE: Minimum Grade of 'C-' required in ALL coursework
- Major and CGPA must be 2.80 or above

COURSES COMPLETED OR IN PROGRESS

PROFESSIONAL EDUCATION REQUIREMENTS:

ED100 Teaching as a Career (1 hr)*	_____
ED243 Introduction to Education (3 hrs)	_____
ED244 Education Field Practicum I (1 hr)	_____
ED264 Foundations of Classroom Management (1 hr)	_____
ED265 Technology for Teachers (1 hr)	_____
ED309 Evaluation Techniques for the Classroom (3 hrs)	UC _____
ED313 Bilingual Education (3 hrs)	UC _____
ED320 Education Field Service Practicum II (1 hr)	UC _____
ED343 Educational Psychology (3 hrs)	UC _____
ED345 Psychology of the Exceptional Learner (3 hrs)	UC _____
ED351 Dyslexia & Research Based Interventions for Secondary (1 hr)	UC _____
ED368 Teaching Reading in the Secondary Content Areas (3 hrs)	UC _____
ED460 Pre-Student Teaching Sem for Secondary/Mid-level Majors (3 hrs)	UC _____
ED462 Education Orientation Internship (1 hr)	UC _____
IS199 Diversity in Education Interterm (3 hrs)	_____

*ED100 is only required for transfer students who are transferring in ED243 Introduction to Education

PROFESSIONAL SEMESTER:

ED470 Student Teaching at the Secondary Level (12 hrs)	UC _____
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MATHEMATICS COURSEWORK: (42 hours)

CS175 Introduction to Computer Science C++ (4 hrs)	_____
MA171 Calculus I (4 hrs)	_____
MA172 Calculus II (4 hrs)	_____
MA271 Calculus III (4 hrs)	_____
MA281 Introduction to Linear Algebra (4 hrs)	_____
MA291 Introduction to Higher Mathematics (3 hrs)	_____
MA332 Geometry for Teachers (3 hrs)	UC _____
MA345 Problem Seminar in Mathematics (1 hr)	UC _____
MA355 Statistics and Modeling (3 hrs)	UC _____
MA362 Modern Geometries (3 hrs)	UC _____
MA383 Introduction to Modern Algebra (3 hrs)	UC _____
MA445 Senior Seminar in Mathematics (3 hrs)	UC _____
ED 412 Methods of Teaching Secondary Mathematics (3 hrs)	UC _____

SUPPORTING COURSEWORK:

PY111 General Psychology (3 hrs)	_____
PY243 Human Development (3 hrs)	_____

STUDENT NAME: _____

STUDENT NUMBER: _____

DATE: _____



TEPPH: 2025 (Students are bound to the TEPPH corresponding to the year in which ED100 or ED243 is taken)