2021 - 2022 Major Map

Elementary Education (Science, Technology, Engineering and Mathematics), BAE

School/College: Mary Lou Fulton Teachers College
TEESTEMBAE

ASU is no longer accepting new students to this program. Please explore Degree Search for other similar program options.

Term 1 0 - 13 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ MAT 142: College Mathematics (MA) OR MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	• ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students • Select your career interest area and play me3@ASU
⚠ ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (SB)	3		
TEL 208: Literacy in a Changing World (HU)	3	C	
Term hours subtotal:	13		

Term 2 13 - 30 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ ENG 101: First-Year Composition or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107: First-Year Composition or ENG 108: First-Year Composition	3	C	• Build your professional connections -- join the ASU Mentor Network
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (C)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SB)	3	C	
Humanities, Arts and Design (HU) (RDG 291 recommended)	3		
Natural Science - Quantitative (SQ)	4	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: Submit Identity Verified Print (IVP) DPS fingerprint clearance card.			
Term hours subtotal:	17		

Term 3 30 - 44 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	• Join a student club or professional organization
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MTE 280: Numbers, Operations and Proportional Reasoning for K-8 Teaching	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Natural Science - Quantitative (SQ) OR Natural Science - General (SG) (SCN 301 recommended)	4	C	

	Hours		Notes
Complete Mathematics (MA) requirement.			
Term hours subtotal:	14		

Term 4 44 - 60 Credit Hours Critical course signified by ⚠	Hours	Minimum Grade	Notes
⚠ SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	• GCU 113 is a recommended elective for teachers, since it meets the US and AZ constitution requirement.
BLE 220: Foundations of Structured English Immersion (L)	3	C	• Must complete at least 60 credits, including foundational coursework, to progress into upper division.
TEL 271: Professional Educator Series: Inclusivity in Practice	1		• Develop your skills
Global Awareness (G)	3		
Historical Awareness (H) (GCU 113 recommended)	3		
Elective	3		
⚠ Milestone: Complete online Intent to Progress form (meet with advisor).			
⚠ Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 5 60 - 77 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ EED 396: Clinical Experience I	2	C	• Clinical Experience placement will be in a math or science classroom.
BLE 408: SEI for Linguistically Diverse Learners (L) OR SPE 317: Special Education for Culturally and Linguistically Diverse Children and Youth	3	C	• Develop your professional online presence
EDP 311: Educational Psychology for Future Teachers (SB)	3	C	
EED 433: Language Method Management and Assessment	3	C	
MTE 311: Geometry, Algebra, Statistics and Probability for K-8 Teaching	3	C	
SCN 411: Science in Elementary Schools	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	17		

Term 6 77 - 93 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ EED 397: Clinical Experience II	2	C	• Must pass National Evaluation Series (NES) exam for middle grade math or science.
MTE 412: Mathematics in Elementary Schools	3	C	
RDG 322: Language Literacy 1 in Elementary Schools	3	C	
SCN 302: Environmental Education (L & G)	3	C	
SPE 323: Behavioral Strategies for All Students	3	C	
DSC OR ERM OR HSE OR MAT OR SCN OR SOS Elective	2		
⭐ Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	16		

Term 7 93 - 108 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ EED 478: Student Teaching: Elementary School (Grades 1-8)	5	C	
EED 324: Social Studies in Elementary Schools	3	C	
RDG 413: Language Literacy 2 in Elementary Schools	3	C	
SCN 309: Environmental Education Project	1		
SPE 416: Quality Practices in the Collaborative Classroom	3	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:	15		

Term 8 108 - 120 Credit Hours Necessary course signified by ⭐	Hours	Minimum Grade	Notes
⭐ EED 478: Student Teaching: Elementary School (Grades 1-8)	12	C	
Term hours subtotal:	12		

Hide Course List(s)/Track Group(s)

Notes:

- First-Year Composition: All students are placed in ENG 101 unless submission of SAT, ACT, Accuplacer, IELTS, or TOEFL score, or college-level transfer credit or test credit equivalent to ASU's first-year composition course(s), determine otherwise. Students on Polytechnic, Downtown Phoenix and West Campuses are encouraged to complete the Directed Self-Placement survey to choose the first-year composition option they believe best suits their needs. Visit: https://cisa.asu.edu/DSP
- Mathematics Placement Assessment score determines placement in first mathematics course.

Total Hours: 120
Upper Division Hours: 45 minimum
Major GPA: 2.00 minimum
Cumulative GPA: 2.00 minimum
Total hrs at ASU: 30 minimum
Hrs Resident Credit for
Academic Recognition: 56 minimum
Total Community College Hrs: 64 maximum

General University Requirements Legend

General Studies Core Requirements:

- Literacy and Critical Inquiry (L)
- Mathematical Studies (MA)
- Computer/Statistics/Quantitative Applications (CS)
- Humanities, Arts and Design (HU)
- Social-Behavioral Sciences (SB)
- Natural Science - Quantitative (SQ)
- Natural Science - General (SG)

General Studies Awareness Requirements:

- Cultural Diversity in the U.S. (C)
- Global Awareness (G)
- Historical Awareness (H)

First-Year Composition

General Studies designations listed next to courses on the major map were valid for the 2021 - 2022 academic year. Please refer to the course catalog for current General Studies designations at time of class registration. General Studies credit is applied according to the designation the course carries at the time the class is taken.