












2018 - 2019 Major Map

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


School/College: [Mary Lou Fulton College for Teaching & Learning In](#)
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
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> • An SAT, ACT, Accuplacer, IELTS, or TOEFL score determines placement into first-year composition courses • Mathematics Placement Assessment score determines placement in mathematics course • ASU 101 or college-specific equivalent First-Year Seminar required of all freshman students • Select your career interest area and play me3@ASU
 TEL 101: Professional Educator Series: My Footprint	1		
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (CS)	3	C	
MAT 142: College Mathematics (MA) OR MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)	3	C	
TEL 212: Understanding the Culturally Diverse Learner (C)	3	C	
Term hours subtotal:	13		
Term 2 13 - 30 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ENG 101 or ENG 102: First-Year Composition OR ENG 105: Advanced First-Year Composition OR ENG 107 or ENG 108: First-Year Composition	3	C	<ul style="list-style-type: none"> • Network in your career interest area • Please select an elective course from the Fine Arts, Design, Sustainability, and Engineering Elective track list below.
 MTE 281: Investigating Space: Geometry, Measurement, and Visualization	3	C	
 TEL 102: Professional Educator Series: My Network Footprint	1	C	
 Natural Science - Quantitative (SQ)	4	C	
SPE 222: Orientation to Education of Exceptional Children (SB & C)	3	C	
Fine Arts, Design, Sustainability, and Engineering Elective	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Milestone: DPS Fingerprint Clearance Card.			
Term hours subtotal:	17		
Term 3 30 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes


 USL 216: Service Learning: For Educators (L & C)	3	C
GCU 113: United States and Arizona Social Studies (SB & H)	3	C
MTE 280: Investigating Quantity: Number, Operations & Numeration Systems	3	C
SCN 201: Discovering the Deserts of the Southwest OR SCN 207: Introduction to Biomimicry	4	C
TEL 201: Professional Educator Series: My Community Footprint	1	C
Humanities, Arts and Design (HU) AND Global Awareness (G)	3	
 Complete Mathematics (MA) requirement.		
Milestone: Intent to Progress Online Form.		
Term hours subtotal:	17	






- Join a student club or professional organization

Term 4 47 - 62 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
---	-------	---------------	-------

 TEL 202: Professional Educator Series: My Impact	1	C
RDG 291: Children's Literature (HU)	3	C
SCN 201: Discovering the Deserts of the Southwest OR SCN 207: Introduction to Biomimicry	4	C
Fine Arts, Design, Sustainability, and Engineering Elective	3	C
Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4	C
Minimum 2.50 GPA ASU Cumulative.		
Term hours subtotal:	15	

- Must complete at least 60 credits including foundational coursework to progress into iTeachAZ.
- Develop your **skills**
- Please select an elective course from the Fine Arts, Design, Sustainability, and Engineering Elective track list below.

Term 5 62 - 77 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
---	-------	---------------	-------

 BLE 408: SEI for Linguistically Diverse Learners (L)	3	C
 EDP 311: Educational Psychology for Future Teachers (SB)	3	C
 EED 396: Clinical Experience I	2	C
 EED 433: Language Method Management and Assessment	3	C
 MTE 301: Investigating Change: Patterns, Functions, and Modeling	3	C
SCN 309: Environmental Education Project , Discover a Watershed , Flying Wild , Globe , Outdoor Explorers Guide to Geology , Outdoor Explorers Guide to the Universe , Project Learning Tree , Project Wet , Project Wild , Project Wild Aquatic	1	C
Minimum 2.50 GPA ASU Cumulative.		

- Clinical Experience placement will be in a math or science classroom.
- Develop your **professional online presence**

Term 6 77 - 92 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EED 397: Clinical Experience II	2	C	<ul style="list-style-type: none"> 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)	3	C	
★ SCN 411: Science in Elementary Schools	3	C	
Elective	1		
★ 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:		15	

Term 7 92 - 108 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EED 324: Social Studies in Elementary Schools	3	C	
★ EED 478: Student Teaching: Elementary School (Grades 1-8)	6	C	
★ RDG 413: Language Literacy 2 in Elementary Schools	3	C	
★ SPE 323: Behavioral Strategies for All Students	3	C	
SCN 309: Environmental Education Project , Discover a Watershed , Flying Wild , Globe , Outdoor Explorers Guide to Geology , Outdoor Explorers Guide to the Universe , Project Learning Tree , Project Wet , Project Wild , Project Wild Aquatic	1	C	
Minimum 2.50 GPA ASU Cumulative.			
Term hours subtotal:		16	

Term 8 108 - 120 Credit Hours Necessary course signified by ★	Hours	Minimum Grade	Notes
★ EED 478: Student Teaching: Elementary School (Grades 1-8)	9	C	
★ SPE 416: Quality Practices in the Collaborative Classroom	3	C	
Term hours subtotal:		12	

Fine Arts, Design, Sustainability, and
Engineering Electives

ARS Elective

ART Elective

DSC Elective

ERM Elective

HSE Elective

SCN Elective

SOS Elective

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 2018 - 2019 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.