


















2024 - 2025 Major Map

Middle Grades Education, BAE

School/College: Mary Lou Fulton Teachers College
TEMGEBAE

Term 1 0 - 17 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	<ul style="list-style-type: none"> ASU 101 or college-specific equivalent First-Year Seminar required of all first-year students. Join a student club or professional organization.
MAT 117: College Algebra (MATH OR MA) OR MAT 142: College Mathematics (MATH OR MA)	3	C	
TEL 101: Professional Educator Series: The Student Experience	1		
TEL 111: Exploration of Education (HUAD OR SB)	3	C	
TEL 215: Introduction to Child and Adolescent Development (SOBE OR SB)	3	C	
Scientific Thinking in Natural Sciences (SCIT)	4		
Term hours subtotal:	17		
Term 2 17 - 31 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	<ul style="list-style-type: none"> Apply for an identify verified print (IVP) fingerprint clearance card online. Your IVP fingerprint card will be needed for professional classroom experiences.
SCN 202: Sustainability Science Literacy for Engaged Global Citizens (SUST OR SG & G) OR SCN 208: Nature and Society: An Introduction to Environmental Studies (SUST OR SG & G)	4	C	
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 208: Literacy in a Changing World (HUAD OR HU)	3	C	
TEL 212: Understanding the Culturally Diverse Learner (HUAD OR HU & C)	3	C	
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	14		
Term 3 31 - 45 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SPE 222: Orientation to Education of Exceptional Children (CIVI OR SB & C)	3	C	<ul style="list-style-type: none"> Students must pick one Content Area track at the bottom of the major map and complete all Content Area courses from that same track.
BLE 220: Foundations of Structured English Immersion (HUAD OR L)	3	C	
TEL 270: Professional Educator Series: Connecting Research to Practice	1		
Content Area Course	3	C	
Scientific Thinking in Natural Sciences (SCIT)	4		
 Complete Mathematics (MATH) requirement.			
Term hours subtotal:	14		

Term 4 45 - 61 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 TEL 203: Collaborating, Planning and Implementing Instruction in Diverse Contexts	3	C	<ul style="list-style-type: none"> Students must pick one Content Area track at the bottom of the major map and complete all Content Area courses from that same track. Students may choose elective courses or a specialization area which can be a certificate or personalized interest area. Students select appropriate courses in consultation with their academic advisor. Develop your professional online presence.
EDT 180: Technology Literacy: Problem Solving using Digital Technology Applications (QTRS OR CS)	3	C	
GCU 113: United States and Arizona Social Studies (AMIT OR SB & H)	3	C	
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Content Area Course	6	C	
Term hours subtotal:	16		
Term 5 61 - 75 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 TEL 310: Instructional Design and Planning: Instructional Thought and Action	4	C	<ul style="list-style-type: none"> Students must pick one Content Area track at the bottom of the major map and complete all Content Area courses from that same track. Students may take TEL 310 and/or TEL 318 in an earlier term if their schedule allows. Please consult with an academic advisor first.
TEL 318: Instructional Thought and Action: Assessment for Learning	3	C	
TEL 370: Professional Educator Series: Building a Professional Network	1		
Upper Division Content Area Course	3	C	
Content, Elective, or Specialization Course	3		
Term hours subtotal:	14		
Term 6 75 - 92 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 TEL 366: Internship: Intermediate	1	C	<ul style="list-style-type: none"> Complete an in-person or virtual practice interview. Students must pick one Content Area track at the bottom of the major map and complete all Content Area courses from that same track. Content Area Methods Course: Select one course from that track at the bottom of the major map.
SED 464: Middle-School Curr/Org	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Upper Division Content Area Course	3	C	
Content Area Methods Course	3	C	
Content, Elective, or Specialization Course	3		
Term hours subtotal:	17		
Term 7 92 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 TEL 332: Disciplinary Literacy Methods	4	C	<ul style="list-style-type: none"> Students may choose elective courses or a specialization area which can be a certificate or personalized interest area. Students select appropriate courses in consultation with their academic advisor. GCU 113 meets the US and AZ constitution requirements for AZ teacher certification.
MGE 410: Integrating STEM into Middle School Practice OR MGE 415: Integrated ELA and Social Studies Methods for Middle Grades	3	C	
TEL 340: Families, Communities and Cultures: Cultivating Networks of Culturally Responsive Relationships (SOBE OR SB)	3	C	
TEL 470: Professional Educator Series: Career Growth and Planning	1		
Content, Elective, or Specialization Course	2		
Global Communities, Societies and Individuals (GCSI)	3		
Term hours subtotal:	16		
Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 TEL 488: Student Teaching	11	C	
TEL 471: Professional Educator Series: The Principled Educator	1		

- Students must pick one Content Area track at the bottom of the major map and complete all of their Content Area courses from that same track.

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

Content: English	Content: General Science	Content: Mathematics
ENG 200: Critical Reading and Writing About Literature (HUAD OR L or HU)	ABS Elective	MAT 170: Precalculus (MATH OR MA) or MAT 171: Precalculus: Science, Technology, Engineering and Mathematics (STEM) (MATH OR MA)
ENG 221: Survey of English Literature (HUAD OR HU)	AST 111: Introduction to Solar Systems Astronomy (SCIT OR SQ)	MAT 270: Calculus with Analytic Geometry I (MATH OR MA)
ENG 222: Survey of English Literature (HUAD OR HU & H)	BIO 181: General Biology I (SCIT OR SQ) BIO 182: General Biology II (SCIT OR SG)	MAT 271: Calculus with Analytic Geometry II (MATH OR MA)
ENG 241: Literatures of the United States to 1860 (HUAD OR (L or HU) & C)	BIO 320: Fundamentals of Ecology BIO 340: General Genetics	MAT 272: Calculus with Analytic Geometry III (MATH OR MA)
ENG 242: Literatures of the United States, 1860 to Present (HUAD OR HU)	BIO Elective	MAT 300: Mathematical Structures (L)
ENG 471: Literature for Young Adults (HUAD OR HU)	CHM 113: General Chemistry I (SCIT OR SQ) CHM 116: General Chemistry II (SCIT OR SQ)	MAT 310: Introduction to Geometry MAT 343: Applied Linear Algebra
ENG Elective	CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I CHM Elective	MAT 443: Introduction to Abstract Algebra MAT 445: Theory of Numbers MAT Elective MTE Elective
	GLG 101: Introduction to Geology I (Physical) (SCIT OR SQ) AND GLG 103: Introduction to Geology I: Laboratory (SCIT OR SQ) GLG 102: Introduction to Geology II (Historical) (SCIT OR SG) AND GLG 104: Introduction to Geology II: Laboratory (SCIT OR SG)	STP 420: Introductory Applied Statistics (QTRS OR CS) STP Elective
	MIC Elective	
	PHY 111: General Physics (SCIT OR SQ) AND PHY 113: General Physics Laboratory (SCIT OR SQ) PHY 112: General Physics (SCIT OR SQ) AND PHY 114: General Physics Laboratory (SCIT OR SQ)	
	SCN 300: Foundations of Environmental Education SCN Elective	
Content: Methods Course	Content: Social Studies	
BIO 480: Methods of Teaching Biology ENG 480: Methods of Teaching English: Composition (L)	GPH 111: Introduction to Physical Geography (SCIT OR SQ) AND GPH 112: Introduction to Physical Geography Lab (SCIT OR SQ)	

ENG 482: Methods of Teaching English: Language (L)	GCU 114: World Social Studies
HST 480: Methods of Teaching History: Classroom Resources	HST 100: Global History to 1500 (GCSI OR HU & H & G)
MTE 485: Methods of Teaching Standards-Based Middle Grades and Early Secondary Mathematics	HST 101: Global History Since 1500 (GCSI OR HU & H & G)
MTE 494: Advanced Methods of Teaching Mathematics in Secondary Schools	HST 109: United States to 1865 (AMIT OR (HU or SB) & H)
SED 480: Special Methods of Teaching Social Studies	HST 110: United States Since 1865 (AMIT OR SB & H)
SED 481: English Teaching Methods for Secondary Schools	HST Elective
SED 482: Science Teaching Methods for Secondary Schools I	
SED 483: Science Teaching Methods for Secondary Schools II	
SED 485: Special Methods of Teaching Social Studies: Community Resources	

- **Total Hours:** 120
- **Upper Division Hours:** 45 minimum
- **University Undergraduate Graduation Requirements**

Notes:

Mathematics Placement Assessment score determines placement in first mathematics course.

General Studies designations listed next to courses on the major map were valid for the 2024 - 2025 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.