



















2024 - 2025 Major Map

Secondary Education, **BAE**

School/College: Mary Lou Fulton Teachers College
TESEDBAE

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. Students should work with their academic advisors to select the appropriate math course. Join a student club or professional organization.
 MAT 142: College Mathematics (MATH OR MA) OR MAT 117: College Algebra (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 - 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	<ul style="list-style-type: none"> Apply for an identify verified print (IVP)fingerprint clearance cardonline. Your IVP fingerprint card will be needed for professional classroom experiences.
TEL 171: Professional Educator Series: Equity in Education	1		
TEL 212: Understanding the Culturally Diverse Learner (HUAD OR HU & C)	3	C	
Global Communities, Societies and Individuals (GCSI)	3		
Sustainability (SUST) (SCN 202 or SCN 208 recommended)	3		
Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	13		
Term 3 30 - 44 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 SPE 222: Orientation to Education of Exceptional Children (CIVI OR SB & C)	3	C	
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 44 - 60 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"> 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		
TEL 271: Professional Educator Series: Inclusivity in Practice	1		
Complete 2 courses: Content Area Course	6	C	
Term hours subtotal:		16	
Term 5 60 - 74 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 may take 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		
Complete 2 courses: Content Area Course	6	C	
Term hours subtotal:		14	
Term 6 74 - 91 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 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.
SED 403: Secondary Principles, Curriculum and Methods	3	C	
TEL 317: Instructional Thought and Action: Learning Environment and Management	3	C	
TEL 371: Professional Educator Series: Educational Policies	1		
Content Area Course	3	C	
Complete 2 courses: Upper Division Elective, Content or Specialization Area Course	6		
Term hours subtotal:		17	
Term 7 91 - 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.
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		
Upper Division Content Area Course	3	C	
Content Area Course	3	C	
Content Methods Course	3	C	
Term hours subtotal:		17	
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		
Term hours subtotal:		12	

- Courses selected for Track Area must be from same track. Students should not mix/match track areas.

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

Content: Biology	Content: Business	Content: Chemistry
BIO 181: General Biology I (SCIT OR SQ)	ACC 231: Uses of Accounting Information I	CHM 113: General Chemistry I (SCIT OR SQ)
BIO 182: General Biology II (SCIT OR SG)	ACC 241: Uses of Accounting Information II	CHM 116: General Chemistry II (SCIT OR SQ)
BIO 320: Fundamentals of Ecology	ECN 211: Macroeconomic Principles (SOBE OR SB)	CHM 233: General Organic Chemistry I AND CHM 237: General Organic Chemistry Laboratory I
BIO 340: General Genetics	ECN 212: Microeconomic Principles (SOBE OR SB)	CHM 234: General Organic Chemistry II AND CHM 238: General Organic Chemistry Laboratory II
BIO 345: Evolution	MGT 300: Principles of Management and Leadership	CHM OR BCH Elective
BIO OR MIC OR SCN OR ABS Elective	MKT 300: Marketing and Business Performance	
	SCM 300: Global Supply Operations (SUST)	
	MGT OR MKT OR SCM OR FIN Elective	
Content: Economics	Content: English	Content: General Science
ECN 211: Macroeconomic Principles (SOBE OR SB)	ENG 200: Critical Reading and Writing About Literature (HUAD OR L or HU)	AST 111: Introduction to Solar Systems Astronomy (SCIT OR SQ)
ECN 212: Microeconomic Principles (SOBE OR SB)	ENG 221: Survey of English Literature (HUAD OR HU)	BIO 100: The Living World (SCIT OR SQ)
ECN 221: Business Statistics (QTRS OR CS)	ENG 222: Survey of English Literature (HUAD OR HU & H)	BIO 181: General Biology I (SCIT OR SQ)
ECN 312: Intermediate Microeconomic Theory (SOBE OR SB)	ENG 241: Literatures of the United States to 1860 (HUAD OR (L or HU) & C)	BIO 182: General Biology II (SCIT OR SG)
ECN 313: Intermediate Macroeconomic Theory (SOBE OR SB)	ENG 242: Literatures of the United States, 1860 to Present (HUAD OR HU)	CHM 101: Introductory Chemistry (SCIT OR SQ)
ECN Elective	ENG 471: Literature for Young Adults (HUAD OR HU)	CHM 113: General Chemistry I (SCIT OR SQ)
	ENG Elective	CHM 116: General Chemistry II (SCIT OR SQ)
		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)
		PHY 101: Introduction to Physics (SCIT OR SQ)
		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

		ABS OR AST OR BIO OR CHM OR GLG OR PHY Elective
Content: Geography	Content: History	Content: Mathematics
GCU 102: Introduction to Human Geography (GCSI OR SB & G)	HST 100: Global History to 1500 (GCSI OR HU & H & G)	MAT 243: Discrete Mathematical Structures
GCU 113: United States and Arizona Social Studies (AMIT OR SB & H)	HST 101: Global History Since 1500 (GCSI OR HU & H & G)	MAT 270: Calculus with Analytic Geometry I (MATH OR MA)
GCU 114: World Social Studies	HST 109: United States to 1865 (AMIT OR (HU or SB) & H)	MAT 271: Calculus with Analytic Geometry II (MATH OR MA)
GCU 121: World Geography (GCSI OR SB & G)	HST 110: United States Since 1865 (AMIT OR SB & H)	MAT 272: Calculus with Analytic Geometry III (MATH OR MA)
GCU 241: The Global Economy in Transition (SB & G)	HST Elective	MAT 275: Modern Differential Equations (MATH OR MA)
GIS 205: Geographic Information Science I (QTRS OR CS)		MAT 300: Mathematical Structures (L)
GPH 111: Introduction to Physical Geography (SCIT OR SQ)		MAT 310: Introduction to Geometry
GPH 112: Introduction to Physical Geography Lab (SCIT OR SQ)		MAT OR MTE OR STP Elective
GCU OR GPH OR GIS Elective		
Content: Physics	Content: Political Science	Content: Spanish
PHY 111: General Physics (SCIT OR SQ) AND PHY 113: General Physics Laboratory (SCIT OR SQ)	POS 110: American Government and Politics (AMIT OR SB)	SPA 201: Intermediate Spanish (G)
PHY 112: General Physics (SCIT OR SQ) AND PHY 114: General Physics Laboratory (SCIT OR SQ)	POS 150: Comparative Government (GCSI OR SB & G)	SPA 202: Intermediate Spanish (G)
PHY 121: University Physics I: Mechanics (SCIT OR SQ) AND PHY 122: University Physics Laboratory I (SCIT OR SQ)	POS 160: Global Politics (GCSI OR SB & G)	SPA 313: Spanish Conversation and Composition (G)
PHY 131: University Physics II: Electricity and Magnetism (SCIT OR SQ) AND PHY 132: University Physics Laboratory II (SCIT OR SQ)	POS 210: Political Ideologies (CIVI OR SB)	SPA 314: Spanish Conversation and Composition (G)
PHY 252: Physics III (SCIT OR SQ)	POS 216: State and Local Government (SB)	SPA 315: Advanced Spanish I for Bilinguals (C)
PHY Elective	POS 270: American Legal System (SB)	SPA 316: Advanced Spanish II for Bilinguals (L & C)
	POS 300: Contemporary Global Controversies (GCSI OR SB & G)	SPA 412: Advanced Conversation and Composition (G)
	POS 310: American National Government (AMIT OR SB)	SPA 413: Spanish Grammar in Context (G)
	POS 370: Law and Society (CIVI OR SB)	SPA 471: Civilization of the Indohispanomexicano Southwest (HUAD OR C)
	JUS OR SGS OR POS Elective	SPA 472: Latin American Society: Five Case Studies (HU & H & G)
		SPA 473: Old and New Spaniards: Culture and Civilization of Spain (HUAD OR (HU or SB) & G)
		SPA Elective
Content: Methods Course		
BIO 480: Methods of Teaching Biology		

SCN 494: Biology for Teachers or CHM
480: Methods of Teaching Chemistry

ENG 480: Methods of Teaching English:
Composition (L)

ENG 482: Methods of Teaching English:
Language (L)

HST 480: Methods of Teaching History:
Classroom Resources

MTE 482: Methods of Teaching
Mathematics in Secondary School

MTE 494: Advanced Methods of Tchng
Mthmtics in Scndry Schls

PHY 480: Methods of Teaching Physics

PPE 455: Physical Education in the
Secondary School

SED 403: Secondary Principles, Curriculum
and Methods

SED 480: Special Methods of Teaching
Social Studies

SED 481: English Teaching Methods for
Secondary Schools

SED 482: Science Teaching Methods for
Secondary Schools I

SED 485: Special Methods of Teaching
Social Studies: Community Resources

SES 480: Teaching Earth and Space Sciences

THE 480: Methods of Teaching Theatre

- **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.