
















2023 - 2024 Major Map

Exploratory Math, Physical Sciences, Engineering and Technology

School/College: University College
UCENTPEXPL

Term 1 - A 0 - 7 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 ASU 101-UC: The ASU Experience	1		<ul style="list-style-type: none"> ASU 101 or college-specific equivalent First Year Seminar required of all first-year students. Select your career interest communities and play me3@ASU.
 ASU 230: Life by Design	3		
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	7		
Term 1 - B 7 - 13 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)			<ul style="list-style-type: none"> View ASU Online first-year student registration information here. Consult with your academic advisor on an elective course based on your interests.
 OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	
ENG 101 or ENG 102: First-Year Composition OR			
ENG 105: Advanced First-Year Composition OR	3	C	
ENG 107 or ENG 108: First-Year Composition			
Term hours subtotal:	6		
Term 2 - A 13 - 20 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)			<ul style="list-style-type: none"> Join a student club or professional organization. Consider what experiential learning opportunities you want to pursue.
 OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	
 UNI 250: ASU by Design: Choosing a Major	1		
Social-Behavioral Sciences (SB) AND Global Awareness (G)	3		
Term hours subtotal:	7		
Term 2 - B 20 - 27 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Natural Science - Quantitative (SQ)	4		
Humanities, Arts and Design (HU) AND Historical Awareness (H)	3		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:	7		
Term 3 - A 27 - 34 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
MAT 117: College Algebra (MA) OR MAT 170: Precalculus (MA)			
 OR MAT 265: Calculus for Engineers I (MA) OR MAT 266: Calculus for Engineers II (MA) OR MAT 267: Calculus for Engineers III (MA)	3	C	
UNI 270: Work by Design: Preparing for a Career	1		

Term hours subtotal: 7

Term 3 - B 34 - 41 Credit Hours  Critical course signified by	Hours	Minimum Grade	Notes
 Natural Science - General (SG) OR Natural Science - Quantitative (SQ)	4		• Secure a part-time job or volunteer experience.
Computer/Statistics/Quantitative Applications (CS)	3		
Complete Mathematics (MA) requirement.			
Term hours subtotal:	7		

Term 4 - A 41 - 47 Credit Hours	Hours	Minimum Grade	Notes
Literacy and Critical Inquiry (L)	3		
Humanities, Arts and Design (HU)	3		
Milestone: Selection of a major.			
Term hours subtotal:	6		

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.
- Students considering ASU majors which require a second language may consult with an academic advisor to consider a second language course for any term.
- Students should consider completing Global, Historical, and Cultural Awareness requirements with their Social and Behavioral or Humanities and Fine Arts courses.

Total Hours: 47

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 2023 - 2024 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.