






2023 - 2024 Major Map


Applied Quantitative Science, BS



School/College: College of Integrative Sciences and Arts
LSAQBS

Term 1 0 - 16 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Mathematics (MA)	3		<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 101-CLS: The ASU Experience	1		
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	
Social-Behavioral Sciences (SB)	3		
<i>Complete 2 courses:</i> Elective	6		
Term hours subtotal:		16	




Term 2 16 - 32 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Computer/Statistics/Quantitative Applications (CS)	3		<ul style="list-style-type: none"> Join a student club or professional organization.
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	
Cultural Diversity in the U.S. (C)	3		
Humanities, Arts and Design (HU)	3		
Natural Science - Quantitative (SQ)	4		
 Complete ENG 101 OR ENG 105 OR ENG 107 course(s).			
Term hours subtotal:		16	

Term 3 32 - 47 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Statistics Course	3	C	<ul style="list-style-type: none"> Secure a part-time job or volunteer experience. Statistics Requirement Course List Options.
Global Awareness (G)	3		
Literacy and Critical Inquiry (L)	3		
Social-Behavioral Sciences (SB)	3		
Elective	3		
Complete Mathematics (MA) requirement.			

Term 4 47 - 63 Credit Hours Critical course signified by 	Hours	Minimum Grade	Notes
 Technical/Professional Communication Course	3	C	<ul style="list-style-type: none"> Major Requirement Course List Options.
 Natural Science - Quantitative (SQ) OR Natural Science - General (SG)	4		
Historical Awareness (H)	3		
Humanities, Arts and Design (HU)	3		
Elective	3		
Term hours subtotal:	16		

Term 5 63 - 78 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Statistics Course	3	C	<ul style="list-style-type: none"> Major Requirement Course List Options. Connect with faculty to seek opportunities for research.
<i>Complete 2 courses:</i> Upper Division Major Electives	6	C	
Upper Division Literacy and Critical Inquiry (L)	3		
Upper Division Social-Behavioral Sciences (SB) OR Upper Division Humanities, Arts and Design (HU)	3		
Term hours subtotal:	15		



Term 6 78 - 93 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Computer Skills Course	3	C	<ul style="list-style-type: none"> Use Handshake to research employment opportunities. Major Requirement Course List Options.
 <i>Complete 2 courses:</i> Upper Division Major Electives	6	C	
Upper Division Elective	3		
Elective	3		
 Complete Cultural Diversity in the U.S. (C) AND Global Awareness (G) AND Historical Awareness (H) course(s).			
Term hours subtotal:	15		

Term 7 93 - 108 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Major Electives	3	C	<ul style="list-style-type: none"> Gather professional references. Apply for full-time career opportunities. Major Requirement Course List Options.
 Research and Analysis Course	3	C	
<i>Complete 2 courses:</i> Upper Division Elective	6		

Elective

3

Term hours subtotal: 15

Term 8 108 - 120 Credit Hours Necessary course signified by 	Hours	Minimum Grade	Notes
 Upper Division Capstone/Project Course	3	C	• Major Requirement Course List Options .
IDS 484: Internship OR Upper Division Elective	3		
Upper Division Major Electives	3	C	
Upper Division Elective	3		
Term hours subtotal:	12		

- This degree is only available as a concurrent degree at the Downtown Phoenix, Polytechnic, Tempe and West campuses.
- Major Requirement Course list options can be found on the College of Integrative Sciences and Arts website: cisa.asu.edu/applied-quantitative-sciences-degree-courses-list

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 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.