

2024 - 2025 Major Map

Applied Quantitative Science, BS

School/College: College of Integrative Sciences and Arts
LSAQSB

Term 1 0 - 16 Credit Hours Critical course signified by !	Hours	Minimum Grade	Notes
! Mathematics (MATH)	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	3	C	
ENG 107 or ENG 108: First-Year Composition			
Social and Behavioral Sciences (SOBE)	3		
Complete 2 courses:	6		
Elective			
Term hours subtotal:	16		
Term 2 16 - 32 Credit Hours Critical course signified by !	Hours	Minimum Grade	Notes
! Quantitative Reasoning (QTRS)	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	3	C	
ENG 107 or ENG 108: First-Year Composition			
Governance and Civic Engagement (CIVI)	3		
Humanities, Arts and Design (HUAD)	3		
Scientific Thinking in Natural Sciences (SCIT)	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 Communities, Societies and Individuals (GCSI)	3		
Complete 3 courses:	9		
Elective			
Complete Mathematics (MATH) requirement.			
Term hours subtotal:	15		
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.
Humanities, Arts and Design (HUAD)	3		
Scientific Thinking in Natural Sciences (SCIT)	4		
Sustainability (SUST)	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.
Complete 2 courses:	6	C	
Upper Division Major Electives			
Complete 2 courses:	6		
Upper Division Elective			
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
★ Complete 2 courses:	6	C	
Upper Division Major Electives			
American Institutions (AMIT)	3		
Upper Division Elective	3		
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	
Complete 2 courses:	6		
Upper Division Elective			
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	<ul style="list-style-type: none"> • 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)

- **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.