

Information Science & Technology, Bachelor of Science/Master of Science: SAMPLE FIVE-YEAR PLAN.

**This is an EXAMPLE plan ONLY.**

**Fall Freshman**

Course	Units	Grade
MATH (depends on placement)	MATH 113 or 116	
English 101		
Indiv. & Soc 150 (OPTIONAL: ESOC 150, SUGGESTED, NOT REQUIRED)		
Traditions & Culture 160		
Language 101		

**Spring Freshman**

Course	Units	Grade
English 102		
Indiv. & Soc 150		
Traditions & Culture 160		
Natural Science 170		
Language 102		

**Summer**

Course	Units	Grade

Please note: Transfer students may use an AGECE to complete their general education requirements. An AGECE does not cover language: students are required to complete second semester proficiency in a foreign language.

All students must complete at least MATH 113 or 116 or transfer equivalent.

**Fall Sophomore**

Course	Units	Grade
ISTA 100: Great Ideas of the Information Age*		
Natural Science 170		
Tier II Arts		
Tier II Humanities		
ISTA 130**: Computational Thinking and Doing		

**Spring Sophomore**

Course	Units	Grade
Tier II: Individuals and Society		
ISTA 116**: Statistical Foundations		
ISTA 161: Ethics in a Digital World		
Society course		
Minor course		

**Summer**

Course	Units	Grade

\*\*It is recommended that students take ISTA 130 and 116 before taking any ISTA "Intensive Computing"/ Data Science classes, as they are pre-requisites for many of these courses. ISTA 130 is an introductory programming course in the Python programming language and is required for ISTA 131. CSC 110 can substitute for ISTA 130.

\*ISTA 100 is a broad overview to important ideas in ISTA. It is a required core class but you do NOT have to take it before your other ISTA core classes. It is recommended but not required that you complete ENGL 102 before taking ISTA 100.

**Fall Junior**

Course	Units	Grade
Research Methods and Data Analysis (ESOC 302)		
ISTA 131: Dealing with Data		
Intensive Computing/Data Science class		
Computational Arts		
Minor Course		

**Spring Junior**

Course	Units	Grade
ISTA 350 (requires 116 and 131)		
TWO OF: ISTA 311, 331, MATH 129 or MATH 313		
Minor Course		
Minor Course		

**Summer**

Course	Units	Grade

Students should apply for the AMP when they have earned at least 75 units and are on track for 90 (Senior standing) and a 3.3 GPA. ISTA 350 and two of: ISTA 311, 331, MATH 129 or MATH 313 are required as well. Deadlines are rolling. You enroll in graduate classes using the Undergraduate enrollment in graduate classes forms.

Minor: A minor is required. Transfer students should seriously consider a thematic minor (minor designed with advisor), completed with three Upper Division classes

**Fall Senior (at least 90 units)**

Course	Units	Grade
Individual Studies (Ind. Study, Directed Research or Internship). Can also use ESOC 480		
INFO 505, 507, or 515		
INFO 505, 507, or 515		
ISTA intensive computing/Data science		
Electives as needed to reach 120/42 UD		

**Spring Senior**

Course	Units	Grade
ISTA 498: Senior Capstone		
Minor Courses as needed		
INFO 505, 507, or 515		
INFO 500 level elective		
Electives as needed to reach 120/42 Upper Division		

**Summer**

Course	Units	Grade

AMP students must apply directly to the MS program in their final year. The application fee can be waived. All students must have 120 units/42 Upper Division units to graduate with an undergraduate degree.

AMP students can use their graduate INFO classes as it benefits them most in their ISTA undergraduate degree, in consultation with their academic advisor. 500 level sections of 400 level ISTA courses can be a good choice. Otherwise, students should take the core INFO classes: INFO 505, 507 and 515. Undergraduate students cannot take 600 level graduate classes. No more than 12 units of graduate coursework can be taken as an undergraduate.

AMP students should plan to take Senior Capstone (ISTA 498) and their Individual Studies/Engagement requirement their Senior year.

This is SAMPLE MS plan only. Keep in mind core class INFO 505, 507, 515 must be completed. Consult the MS advisor and the MS website about your experiential requirement (INFO 693 and 692) as well as Capstone (698). These requirements must be applied for and approved: <https://ischool.arizona.edu/ms-information/degree-requirements>

<b>Fall</b> _____		
Course	Units	Grade
INFO elective _____		
INFO elective _____		
INFO elective _____		
_____		
_____		

<b>Spring</b> _____		
Course	Units	Grade
INFO elective _____		
INFO 693/692 _____		
INFO 698 _____		
_____		
_____		

<b>Summer</b> _____		
Course	Units	Grade
_____		
_____		

Full time graduate students typically take 3 classes a semester

<b>Fall</b> _____		
Course	Units	Grade
_____		
_____		
_____		
_____		
_____		

<b>Spring</b> _____		
Course	Units	Grade
_____		
_____		
_____		
_____		
_____		

<b>Summer</b> _____		
Course	Units	Grade
_____		
_____		

<b>Fall</b> _____		
Course	Units	Grade
_____		
_____		
_____		
_____		
_____		

<b>Spring</b> _____		
Course	Units	Grade
_____		
_____		
_____		
_____		
_____		

<b>Summer</b> _____		
Course	Units	Grade
_____		
_____		

<b>Fall</b> _____		
Course	Units	Grade
_____		
_____		
_____		
_____		
_____		

<b>Spring</b> _____		
Course	Units	Grade
_____		
_____		
_____		
_____		
_____		

<b>Summer</b> _____		
Course	Units	Grade
_____		
_____		

