



Bachelor of Science: Computer Science
Degree Requirements:

2016-2017 catalog

Name: _____ SID#: _____

Pre-Major Requirements

Auto-Admit Criteria	FAQs
C or higher in CSC 110 Intro to Computer Programming I*	Q: How do I apply for major admission? A: There is no official application. At the end of every semester, the Undergraduate Advising Team will review all active Pre-CS students. Those students who meet the auto-admit criteria will be sent a major admission invitation via email and asked to choose between a BA and BS degree. Q: Why not accept all "eligible" students into the major? A: We want to, but we currently have record-breaking interest in CS and we do not have the capacity to handle all those interested in CS. We are racing to meet demand and it is our sincere hope to never turn away an eligible student from the major. In the meantime, we must have the ability to throttle demand as necessary. Q: Is there an appeal process? A: Yes, but only extraordinary circumstances will be considered.
C or higher in CSC 120 Intro to Computer Programming II**	
C or higher in CSC 245 Intro to Discrete Structures***	
C or higher in CSC 210 Software Development****	
GPA of 3.0 or higher in best attempts at CSC 120, 245, & 210	
Cumulative GPA of 2.4 or higher	
Pre-Major GPA of 2.0 or higher *****	
Notes: *Prerequisite: C or higher in MATH 112, college credit for a higher level math class, or placement into a higher level math class **Prerequisite: C or higher in CSC 110, ISTA 130, or prior programming experience with Python or comparable programming language with department approval ***Prerequisite: C or higher in CSC 210 ****Includes all attempts at CSC classes (excluding GRO 1 st attempts)	

Graduation Requirements

Minimum units required: 120 total, 42 upper-division (300/400-level courses)
Minimum cumulative GPA, major GPA, and minor GPA: 2.00
30 units of University Credit completed at the UA
18 units of major-related course work must be University Credit completed at the UA
18 of the final 30 units that you complete toward your degree must be University Credit from the UA
Complete Mid-Career Writing Assessment (B or higher in ENGL 102, 108, 109H or any Writing Emphasis course)
Notes: <ul style="list-style-type: none"> • Courses may be attempted no more than twice. • Only 64 units of community college credit may be applied towards the requirements for a bachelor's degree. • No more than 3 Physical Education activity credits and 3 Success Course credits will apply as general elective credit. • A maximum of 60 units toward a bachelor's degree may be earned through correspondence credit and/or credit by exam.

General Education Requirements

AGEC Complete (for transfer students only): Yes or No

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	ENGL 101&102, ENGL 107&108, or ENGL 109H First Year Composition	3-6		
<input type="radio"/>	Second-Semester Proficiency in Second Language	0-10		
<input type="radio"/>	Tier I Individuals & Societies 150A, 150B, or 150C	3		
<input type="radio"/>	Tier I Individuals & Societies 150A, 150B, or 150C	3		
<input type="radio"/>	Tier I Traditions & Cultures 160A, 160B, 160C, or 160D	3		
<input type="radio"/>	Tier I Traditions & Cultures 160A, 160B, 160C, or 160D	3		
<input type="radio"/>	Tier II Arts	3		
<input type="radio"/>	Tier II Individuals & Societies	3		
<input type="radio"/>	Tier II Humanities	3		
<input type="radio"/>	Diversity Emphasis (Certain Tier I & II courses can also be used to satisfy this requirement.)	0-3		

Math Requirement

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	MATH 122A&B or 125 Calculus I	3-5		
<input type="radio"/>	MATH 129 Calculus II or MATH 313 Linear Algebra	3		

Supporting Science Requirement

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>		4		
<input type="radio"/>		4		

Select any two lab science courses from the following list: CHEM 151 or 105A&106A (Honors), CHEM 152 or CHEM 105B&106B (Honors), MCB 181R&181L, ECOL 182R&182L, ECOL 206, GEOS 251, GEOS 255, GEOS 308, MSE 110, PHYS 102&181, PHYS 103&182, PHYS 141 or 161H, PHYS 142 (3 unit version only) or 162H, PHYS 241 or 261H, PSIO 201, PSIO 202, ASTR 337

Computer Science Pre-Major Courses

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	CSC 110 Intro to Computer Programming I	4		
<input type="radio"/>	CSC 120 Intro to Computer Programming II	4		
<input type="radio"/>	CSC 245/MATH 323/MATH 243 Intro to Discrete Structures	3-4		
<input type="radio"/>	CSC 210 Software Development	4		

Computer Science Foundation Courses

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	CSC 252 Computer Organization	3		
<input type="radio"/>	CSC 335 Object-Oriented Programming	4		
<input type="radio"/>	CSC 345 Analysis of Discrete Structures	4		
<input type="radio"/>	CSC 352 Systems Programming & Unix	3		

Computer Science Area Electives

Paradigms Area Elective: Take **ONE**

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	CSC 372 Comparative Programming Languages	3		
	CSC 422 Intro to Parallel & Distributed Programming			
	CSC 460 Database Design			

Theory & Writing Area Elective: Take **ONE**

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	CSC 445 Algorithms	3		
	CSC 473 Automata, Grammars, and Languages			

Systems Area Elective: Take **ONE**

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	CSC 452 Principles of Operating Systems	4		
	CSC 453 Compilers and Systems Software			

CSC Electives: Take **TWO** - Consult with a Computer Science advisor about elective options

	Course Number & Title	Units	Semester	Course Substitution
<input type="radio"/>	CSC	3-4		
<input type="radio"/>	CSC	3		

Note:

*We permit unlimited double use of CSC courses in the CS Major with another major or minor. The BS degree allows up to 3 courses from another subject area toward your major requirements. This is all subject to your other major or minor double dipping policy. Only one (1) course from another subject may be used toward the 400 level CS elective requirement. Please email advising@cs.arizona.edu for a list of approved courses from another subject area that can apply towards your major requirements.