

			Completed Transfer Pathway: <input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None		Completed General Education: <input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
<b>TERM ONE: 0-15 CREDIT HOURS</b>						
ASU 101-FSE: The ASU Experience	1	<input type="checkbox"/>			<ul style="list-style-type: none"><li>ASU 101-FSE should be completed first semester.</li><li>An SAT, ACT, Accuplacer, or TOEFL score determines placement into first-year composition courses</li><li>ASU Math Placement Exam score determines placement in Mathematics course</li><li>**If ENG 105 a 3 hr applicable elective must also be taken prior to graduation. See Advisor.</li><li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li><li><b>.Maintain minimum ASU cumulative GPA of 2.0</b></li></ul>	
# CSE 100: Principles of Programming with C++ (CS) OR # CSE 110: Principles of Programming with Java (CS)	3	<input type="checkbox"/>		Grade of C		
#CSE 101: Introduction to Computer Science & Engineering	2	<input type="checkbox"/>		Grade of C		
MAT 265: Calculus for Engineers I (MA)	3	<input type="checkbox"/>		Grade of C		
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM TWO: 16-30 CREDIT HOURS</b>						
# CSE 120: Digital Design Fundamentals	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li><b>Maintain minimum ASU cumulative GPA of 2.0</b></li><li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li></ul>	
# CSE 205:Object-Oriented Programming & Data Structures (CS)	3	<input type="checkbox"/>		Grade of C		
MAT 266: Calculus for Engineers II	3	<input type="checkbox"/>		Grade of C		
BIO 187: General Biology I (SQ) or BIO 188: General Biology II (SQ)	4	<input type="checkbox"/>				
ENG 101 or 102: First-Year Composition OR ENG 105: Advanced First-Year Composition** OR ENG 107 or 108: English for Foreign Students	3	<input type="checkbox"/>		Grade of C		
<b>TERM THREE: 31-45 CREDIT HOURS</b>						
# CSE 230: Computer Organization and Assembly Language Programming	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li><b>Complete 9 critical courses by end of term 3</b></li><li><b>Maintain minimum ASU cumulative GPA of 2.0</b></li><li>Complete First-Year Composition requirement: ENG 101 &amp; 102 or ENG 107 &amp; 108 or ENG 105</li><li>See Advisor for approved Laboratory Science sequence courses</li><li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li></ul>	
MAT 243: Discrete Mathematical Structures	3	<input type="checkbox"/>		Grade of C		
MAT 267: Calculus for Engineers III	3	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H)	3	<input type="checkbox"/>				
Laboratory Science I (SQ)	4	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
#CSE 240: Introduction to Programming Languages	3	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See Advisor for approved Laboratory Science sequence courses</li><li>General Elective: cannot include CSE, MAT, PHY, BIO, CHM or other Science course</li><li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li></ul>	
# MAT 343: Applied Linear Algebra	3	<input checked="" type="checkbox"/>				
Laboratory Science II (SQ)	4	<input type="checkbox"/>				
Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H)	3	<input type="checkbox"/>				
General Elective	3	<input type="checkbox"/>				
<b>TERM FIVE: 61-75 CREDIT HOURS</b>						
# IEE 380: Probability and Statistics for Engineering Problem Solving	3	<input checked="" type="checkbox"/>			# Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.	
# CSE 301: Computing Ethics	1	<input checked="" type="checkbox"/>		Grade of C		
# CSE 310: Data Structures and Algorithms	3	<input checked="" type="checkbox"/>		Grade of C		
# CSE 360: Introduction to Software Engineering	3	<input checked="" type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G), or Historical Awareness (H)	3	<input type="checkbox"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
# CSE 340: Principles of Programming Languages	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See Advisor for approved list of Technical Electives</li><li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li></ul>	
# CSE 355: Introduction to Theoretical Computer Science	3	<input checked="" type="checkbox"/>		Grade of C		
# CSE 4** Computer Science Elective	3	<input checked="" type="checkbox"/>		Grade of C		
Computer Science Technical Elective	3	<input checked="" type="checkbox"/>		Grade of C		
UD Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
# CSE 430: Operating Systems	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"><li>See Advisor for approved list of Computer Science Electives</li><li>General Elective: cannot include CSE, MAT, PHY, BIO, CHM or other Science course</li><li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li></ul>	
# CSE 485: Computer Science Capstone Project I (L)	3	<input checked="" type="checkbox"/>		Grade of C		
# CSE 4** Computer Science Elective	3	<input checked="" type="checkbox"/>		Grade of C		
# CSE 4** Computer Science Elective	3	<input checked="" type="checkbox"/>		Grade of C		
General Elective	2	<input type="checkbox"/>				

Course Subject and Title (courses in <b>bold/shading</b> are critical)	Hrs.	Upper Division	Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>					
# CSE 486: Computer Science Capstone Project II (L)	3	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> <li>• See Advisor for approved list of Technical Electives</li> <li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>
# CSE 4** Computer Science Elective	3	<input checked="" type="checkbox"/>		Grade of C	
# CSE 4** Computer Science Elective	3	<input checked="" type="checkbox"/>		Grade of C	
# Computer Science Technical Elective	3	<input checked="" type="checkbox"/>		Grade of C	
Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB)	3	<input type="checkbox"/>			

**Graduation Requirements Summary:**

Total Hours Regular Curriculum (120)	Total UD Hrs (45 min)	Total Hrs at ASU (30 min)	Cumulative GPA (2.00 minimum)	Major GPA (2.00 minimum GPA )	Hrs Resident Credit for Academic Recognition (56 min)	Total Comm. College Hrs. (64 Max)

**General University Requirements: Legend**

- General Studies Core Requirements:
  - Literacy and Critical Inquiry (L)
  - Mathematical Studies (MA)
  - Computer/Statistics/Quantitative applications (CS)
  - Humanities, Fine Arts, and Design (HU)
  - Social and Behavioral Sciences (SB)
  - Natural Science-Quantitative (SQ)
  - Natural Science-General (SG)
- General Studies Awareness Requirements
  - Cultural Diversity in the US (C)
  - Global Awareness (G)
  - Historical Awareness (H)
- First-Year Composition

**Additional Notes:**