

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGECE: <input type="checkbox"/> Yes <input type="checkbox"/> No	Additional Critical Requirement Notes
			Transfer Course/Grade	Minimum Grade if Required		
<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 Core Course: A minimum cumulative GPA of 2.50 required in core courses.</li> <li>(NOTE: An additional HU/SB can be move up to Term 1, or any deficiency courses can be added)</li> </ul>
# CPI 101: Intro to Informatics (CS)	3	<input type="checkbox"/>		Grade of C		
# CSE 110: Principles of Programming with Java (CS)	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 205: Object Oriented Programming and Data Structures	3	<input type="checkbox"/>		Grade of C		#Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses.
# MAT 210: Brief Introduction to Calculus (MA) or # MAT 265: Calculus for Engineers I (MA)	3	<input type="checkbox"/>		Grade of C		
# CPI 200: Mathematical Foundations of Informatics	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		
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 THREE: 31-45 CREDIT HOURS</b>						
# IEE 305: Information Systems Engineering	3	<input checked="" type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>Complete all 6 critical courses each with a minimum grade of C.</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 list of Informatics Electives</li> <li>#Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses.</li> <li>##Designates Focal Area &amp; Informatics Elective: A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives.</li> </ul>
# MAT 242: Linear Algebra (MA)	2	<input type="checkbox"/>		Grade of C		
## Informatics Elective	3	<input type="checkbox"/>		Grade of C		
Literacy & Critical Inquiry (L)	3	<input type="checkbox"/>				
Laboratory Science (SG)	4	<input type="checkbox"/>				
<b>TERM FOUR: 46-60 CREDIT HOURS</b>						
# CPI 310: Information and Data Management	3	<input checked="" type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>See advisor for approved list of Informatics Electives</li> <li>#Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses.</li> <li>##Designates Focal Area &amp; Informatics Elective: A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives.</li> </ul>
Laboratory Science (SQ)	4	<input type="checkbox"/>				
# MAT 243: Discrete Mathematical Structures	3	<input type="checkbox"/>		Grade of C		
## Informatics Elective	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 FIVE: 61-75 CREDIT HOURS</b>						
# CPI 360: Decision Making and Problem Solving	3	<input checked="" type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>See advisor for approved list of Informatics Electives</li> <li>#Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses.</li> <li>##Designates Focal Area &amp; Informatics Elective: A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives.</li> </ul>
# STP 420: Introductory Applied Statistics OR # STP 231: Statistics for the Life Sciences OR # GCU 495: Quantitative Methods in Geography OR # IEE 380: Probability & Statistics for Engineering Problem Solving	3	<input type="checkbox"/>		Grade of C		
## Informatics Elective	3	<input type="checkbox"/>		Grade of C		
## Informatics Elective	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"/>				
<b>TERM SIX: 76-90 CREDIT HOURS</b>						
# CPI 350: Evaluation of Informatics Systems	3	<input checked="" type="checkbox"/>		Grade of C		#Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses. ##Designates Focal Area & Informatics Elective: A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives.
# CSE 463: Human-Computer Interaction	3	<input checked="" type="checkbox"/>		Grade of C		
## Informatics Elective	3	<input type="checkbox"/>		Grade of C		
## Informatics Elective	3	<input type="checkbox"/>		Grade of C		
Upper Division Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB)	3	<input checked="" type="checkbox"/>				
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>						
# CPI 485: Informatics Capstone I (L)	3	<input checked="" type="checkbox"/>		Grade of C		<ul style="list-style-type: none"> <li>See advisor for approved list of Informatics Electives</li> <li>#Designates Core Course: A minimum cumulative GPA of 2.50 required in core courses.</li> <li>##Designates Focal Area &amp; Informatics Elective: A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives.</li> </ul>
## Focus Area Required Course	3	<input checked="" type="checkbox"/>		Grade of C		
## Focus Area Required Course	3	<input checked="" type="checkbox"/>		Grade of C		
## Focus Area Required Course	3	<input checked="" type="checkbox"/>		Grade of C		
## Informatics Elective	3	<input type="checkbox"/>		Grade of C		
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>						
## CPI 486: Informatics Capstone I (L)	4	<input checked="" type="checkbox"/>		Grade of C		#Designates Focal Area & Informatics Elective: A minimum cumulative GPA of 2.50 required in focus area courses and informatics electives.
## Focus Area Required Course	3	<input checked="" type="checkbox"/>		Grade of C		
## Focus Area Required Course	3	<input checked="" type="checkbox"/>		Grade of C		

## Upper Division Informatics Elective	3	<input checked="" type="checkbox"/>		Grade of C
## Upper Division Informatics Elective	3	<input checked="" type="checkbox"/>		Grade of C

**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:**