

Course Subject and Title <i>(courses in bold/shading are critical)</i>	Hrs.	Upper Division	Completed Transfer Pathway:		Completed General Education:		
			<input type="checkbox"/> MAPP <input type="checkbox"/> TAG <input type="checkbox"/> ATP <input type="checkbox"/> None	Transfer Course/Grade	Minimum Grade if Required	<input type="checkbox"/> AGECE <input type="checkbox"/> IGETC/CSUGE <input type="checkbox"/> None	
<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>• <b>Complete MAT 265 with a minimum grade of "C"</b>.</li> <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>* CHM 113 is a prerequisite and does not apply towards degree credit</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>	
CHM 114: General Chemistry for Engineers (SQ) OR CHM 116: General Chemistry II * (SQ)	4	<input type="checkbox"/>					
# CSE 100: Principles of Programming with C++ (CS) OR # EEE 120: Digital Design Fundamentals	3	<input type="checkbox"/>					
# EEE 101: Introduction to Engineering Design OR BME 111: Engineering Perspectives on Biological Systems	2 or 3	<input type="checkbox"/>					
<b>MAT 265: Calculus for Engineers I</b>	3	<input type="checkbox"/>		Grade of C			
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition **	3	<input type="checkbox"/>		Grade of C			
<b>TERM TWO: 16-30 CREDIT HOURS</b>							
# CSE 100: Principles of Programming with C++ (CS) OR # EEE 120: Digital Design Fundamentals	3	<input type="checkbox"/>					<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>
# EEE 101: Introduction to Engineering Design OR BME 111: Engineering Perspectives on Biological Systems	2 or 3	<input type="checkbox"/>					
<b>MAT 266: Calculus for Engineers II</b>	3	<input type="checkbox"/>		Grade of C			
<b>PHY 121/122: University Physics I/Laboratory I (SQ)</b>	3/1	<input type="checkbox"/>		Grade of C			
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR ENG 105: Advanced First-Year Composition **	3	<input type="checkbox"/>		Grade of C			
<b>TERM THREE: 31-45 CREDIT HOURS</b>							
# EEE 202: Circuits I	4	<input type="checkbox"/>				<ul style="list-style-type: none"> <li>• <b>Complete 10 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># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>	
<b>MAT 267: Calculus for Engineers III</b>	3	<input type="checkbox"/>		Grade of C			
<b>MAT 274: Elementary Differential Equations (MA) OR MAT 275: Modern Differential Equations (MA)</b>	3	<input type="checkbox"/>		Grade of C			
<b>PHY 131/132: University Physics II Electricity and Magnetism/Laboratory II (SQ)</b>	3/1	<input type="checkbox"/>		Grade of C			
<b>TERM FOUR: 46-60 CREDIT HOURS</b>							
# EEE 203: Signals and Systems I	3	<input type="checkbox"/>				<ul style="list-style-type: none"> <li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>	
# EEE 241: Fundamentals of Electromagnetics	3	<input type="checkbox"/>					
MAT 342: Linear Algebra (MA) OR MAT 343: Applied Linear Algebra	3	<input checked="" type="checkbox"/>		Grade of C			
PHY 241: University Physics 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"/>					
<b>TERM FIVE: 61-75 CREDIT HOURS</b>							
# EEE 334: Circuits II	4	<input checked="" type="checkbox"/>				<ul style="list-style-type: none"> <li>• Area Pathway Courses: (choose 4) EEE 304, 333, 335, 341, 352, 360. Area Pathway courses are prerequisites for Technical Electives. See Advisor for guidance in selection.</li> <li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>	
# EEE 350: Random Signal Analysis	3	<input checked="" type="checkbox"/>					
# EEE 230: Computer Organization and Assembly Language Programming	3	<input type="checkbox"/>					
# Area Pathway Course	4	<input checked="" type="checkbox"/>					
<b>TERM SIX: 76-90 CREDIT HOURS</b>							
ECN 211/212 (SB): Macroeconomic Principles/Microeconomic Principles or ECN 201: Economic Issues & Analysis (SB)	3	<input type="checkbox"/>				<ul style="list-style-type: none"> <li>• Area Pathway Courses: (choose 4) EEE 304, 333, 335, 341, 352, 360. Area Pathway courses are prerequisites for Technical Electives. See Advisor for guidance in selection.</li> <li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>	
# Area Pathway Course	4	<input checked="" type="checkbox"/>					
# Area Pathway Course	4	<input checked="" type="checkbox"/>					
# Area Pathway Course	4	<input checked="" type="checkbox"/>					
<b>TERM SEVEN: 91-105 CREDIT HOURS</b>							
# EEE 488: Senior Design Laboratory I (L)	3	<input checked="" type="checkbox"/>				<ul style="list-style-type: none"> <li>• See Degree Audit Reporting System (DARS) for approved list of Technical Electives</li> <li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>	
Humanities, Fine Arts & Design (HU) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H)	3	<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"/>					
# Technical Elective	3	<input checked="" type="checkbox"/>					
# Technical Elective	3	<input checked="" type="checkbox"/>					
<b>TERM EIGHT: 106-120 CREDIT HOURS</b>							
# EEE 489: Senior Design Laboratory II (L)	3	<input checked="" type="checkbox"/>				<ul style="list-style-type: none"> <li>• See Degree Audit Reporting System (DARS) for approved list of Technical Electives</li> <li># Designates Major Course: A minimum cumulative GPA of 2.0 required in major courses.</li> </ul>	
# Technical Elective	3	<input checked="" type="checkbox"/>					
# Technical Elective	3	<input checked="" type="checkbox"/>					
# Technical Elective	3	<input checked="" type="checkbox"/>					
UD Humanities, Fine Arts & Design (HU) OR Social Behavioral & Science (SB)	3	<input checked="" 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:**