

## Computer Engineering Sample Schedule

The sample schedule below summarizes the Computer Engineering program requirements. In addition to this document, please refer to the [Computer Engineering Program Guide](#) for additional information including elective lists.

**IMPORTANT:** Beginning in Fall 2026, Computer Engineering students will be required to enroll in their MDE Content Course (4 cr), EECS 400 or EECS 496 (2 cr), and TCHNCLCM 496 (2 cr) concurrently during the same semester for a total of 8 credits. Please begin to plan accordingly. For more planning assistance, students should schedule an appointment with an advisor on the ECE undergraduate website.

	Credits	Semester							
		1	2	3	4	5	6	7	8
<b>CoE Common Core (55 credits)</b>									
<a href="#">MATH 115</a> , <a href="#">116</a> , and <a href="#">216</a>	12	4	4		4				
<a href="#">MATH 214</a> , <a href="#">MATH 215</a> , <a href="#">MATH 217</a> , <a href="#">MATH 417</a> or <a href="#">MATH 419</a>	4					4			
<a href="#">ENGR 100</a>	4		4						
<a href="#">ENGR 101</a>	4	4							
<a href="#">CHEM 125/126/130</a>	5		5						
<a href="#">PHYSICS 140/141</a> ; <a href="#">PHYSICS 240/241</a>	10	5		5					
Intellectual Breadth	16	4	4		4		4		
<b>CE Program Subjects (32 credits)</b>									
<a href="#">EECS 203</a> : Discrete Math	4			4					
<a href="#">EECS 215</a> : Introduction to Circuits	4				4				
<a href="#">EECS 216</a> : Signals and Systems	4					4			
<a href="#">EECS 270</a> : Introduction to Logic Design	4			4					
<a href="#">EECS 280</a> : Programming and Introductory Data Structures	4				4				
<a href="#">EECS 370</a> : Introduction to Computer Organization	4					4			
<a href="#">EECS 301</a> (4 cr), <a href="#">MATH 425</a> (3 cr) or <a href="#">STATS 412</a> (3 cr)	3-4						3-4		
<a href="#">EECS 496</a> : Major Design Professionalism or <a href="#">ENGR 499-002</a> or EECS 400 (starting in Fall 2026)	2								2
<a href="#">TCHNCLCM 300</a> : Technical Communication for EECS	1					1			
<a href="#">TCHNCLCM 496</a> : Advanced Technical Comm. for ECE	2								2
<b>General and Technical Electives (41 credits)</b>									
Core Electives	8						8		
Upper Level CE Electives (including MDE)	10							4	6
EECS Electives	3							3	
Flexible Technical Electives	7							5	2
General Electives	13			3		3		4	3
<b>TOTAL</b>	<b>128</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>15</b>	<b>16</b>	<b>15</b>