

## Electrical Engineering Sample Schedule

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

**IMPORTANT:** Beginning in Fall 2026, Electrical Engineering students will be required to enroll in their MDE Content Course (4 cr), EECS 400 (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> , <a href="#">215</a> , <a href="#">216</a>	12	4	4	4	4				
<a href="#">ENGR 100</a>	4	4							
<a href="#">ENGR 101</a> or <a href="#">151</a>	4		4						
<a href="#">CHEM 125/126/130</a> or <a href="#">CHEM 210/211</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>EE Program Subjects (30 credits)</b>									
<a href="#">EECS 200</a> : EE Systems Design I	2				2				
<a href="#">EECS 215</a> : Introduction to Circuits	4			4					
<a href="#">EECS 216</a> : Signals and Systems	4				4				
<a href="#">EECS 230</a> : Electromagnetics I	4				4				
<a href="#">EECS 280</a> : Prog. and Intro. Data Structures	4			4					
<a href="#">EECS 300</a> : EE Systems Design II	3						3		
<a href="#">EECS 301</a> : Probabilistic Methods in Engr.	4					4			
<a href="#">EECS 496</a> : MDE Professionalism or <a href="#">ENGR 499-002</a> or EECS 400 (starting in Fall 2026)	2								2
<a href="#">TCHNCLCM 300</a> : Tech. Comm. for EECS	1					1			
<a href="#">TCHNCLCM 496</a> : Adv. Tech. Comm. for ECE	2								2
<b>Technical Electives (incl. PES) (32 credits)</b>									
Upper Level EE Electives	19					4	8	7	
Major Design Experience	4								4
Flexible Technical Electives	9					3		3	3
General Electives (11 credits)	11				3			4	4
<b>TOTAL</b>	<b>128</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>15</b>