

**COMPUTER ENGINEERING 2024-25**

This grid is intended to serve as a guide and should be adjusted for individual circumstances in consultation with academic advisors.  
Course availability subject to change. Changes will be announced by the department.

**FRESHMAN YEAR**

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
ECE 3 or CMPSC 8	4	CMPSC 16	4	CMPSC 24	4
ECE 5 <sup>1</sup>	4	ECE 1A	1	ECE 1B	1
MATH 3A	4	MATH 3B	4	MATH 4A	4
WRIT 1E or 2E <sup>2</sup>	4	PHYS 7A	4	PHYS 7B	4
		WRIT 2E or 50E <sup>2</sup>	4	WRIT 50E or G.E. <sup>2</sup>	4
<b>TOTAL</b>	<b>16</b>		<b>17</b>		<b>17</b>

**SOPHOMORE YEAR**

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
ECE 10A	3	ECE 10B	3	ECE 10C	3
ECE 10AL	2	ECE 10BL	2	ECE 10CL	2
MATH 4B	4	ECE 15A	4	ECE 139 or PSTAT 120A <sup>5</sup>	4
CMPSC 32 <sup>3</sup>	4	PHYS 7D	3	ECE 152A	5
PHYS 7C	4	MATH 6A	4	CMPSC 40 <sup>3</sup>	5
		PHYS 7L <sup>4</sup>	1		
<b>TOTAL</b>	<b>17</b>		<b>17</b>		<b>19</b>

**JUNIOR YEAR**

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
ECE 154A	4	CMPSC 130A	4	CMPEN Electives	8
CMPEN Electives	8	CMPEN Electives	8	G.E.	8
G.E.	4	G.E.	4		
<b>TOTAL</b>	<b>16</b>		<b>16</b>		<b>16</b>

**SENIOR YEAR**

<b>FALL</b>	<b>units</b>	<b>WINTER</b>	<b>units</b>	<b>SPRING</b>	<b>units</b>
ECE 189A <sup>6</sup> / CMPSC 189A <sup>7</sup>	4	ECE 189B/ CMPSC 189B	4	ECE 189C or CMPEN Elective	4
CMPEN Electives	8	ENGR 101 <sup>8</sup>	3	CMPEN Elective	4
G.E.	4	CMPEN Elective	4	G.E.	4
		G.E.	4		
<b>TOTAL</b>	<b>16</b>		<b>15</b>		<b>12</b>

<sup>1</sup> ECE 5 is also offered in winter quarter.

<sup>2</sup> ELWR may also be satisfied by LING 12 or WRIT 1. Area A1 may also be satisfied by WRIT 2. Area A2 may also be satisfied by courses listed on page 11.

<sup>3</sup> CMPSC 32 is also offered in spring quarter. CMPSC 40 is also offered in fall and winter quarters.

<sup>4</sup> PHYS 7L may be taken concurrently with PHYS 7C or after taking PHYS 7C.

<sup>5</sup> PSTAT 120A is offered each quarter. ECE 139 is offered only in the spring quarter and is better suited for future upper division electives for the Computer Engineering major.

<sup>6</sup> ECE 153B is the prerequisite to ECE 189A.

<sup>7</sup> CMPSC 156 is the prerequisite for CMPSC 189A.

<sup>8</sup> ENGR 101 may be taken any quarter of the senior year.