

## COMPUTER ENGINEERING 2021-22

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>
CHEM 1A or 2A	3	ECE 1A	1	ECE 1B	1
CHEM 1AL or 2AC	2	CMPSC 16	4	MATH 4A	4
MATH 3A	4	MATH 3B	4	PHYS 2	4
G.E. Elective or CMPSC 8 <sup>1</sup>	4	PHYS 1	4	WRIT 50E or G.E. Elective	4
WRIT 1E or 2E	4	WRIT 2E or 50E	4	MATH, SCIENCE, ENGR. ELECTIVE	4
<b>TOTAL</b>	<b>17</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>
CMPSC 24	4	CMPSC 40	5	CMPSC 32	4
ECE 10A	3	ECE 10B	3	ECE 10C	3
ECE 10AL	2	ECE10BL	2	ECE 10CL	2
MATH 4B	4	ECE 15A	4	ECE 152A	5
PHYS 3	3	PHYS 4	3	ECE 139 or PSTAT 120A <sup>2</sup>	4
PHYS 3L	1	PHYS 4L	1		
<b>TOTAL</b>	<b>17</b>		<b>18</b>		<b>18</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 Elective*	4	G.E.	4
G.E.	4	G.E.	8		
<b>TOTAL</b>	<b>16</b>		<b>16</b>		<b>12</b>

### SENIOR YEAR

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

<sup>1</sup>CMPSC 8 may be used to satisfy the Math, Science, Engineering Elective requirement.

<sup>2</sup>PSTAT 120A is offered each quarter. ECE 139 is offered only in spring quarter, and is better suited for future upper division electives for the Computer Engineering major.

<sup>3</sup>ENGR 101 may be taken any quarter of senior year.

\*ECE 189A-B-C is taken fall, winter, and spring quarters. Prerequisite to ECE 189A is ECE 153B, taken winter of junior year.

+CMPSC 189A-B is taken fall and winter quarters. Prerequisite to CMPSC 189A is CMPSC 156.