

## Bachelor of Science in Computer Engineering

	Course	Course Title	Units
	Fall ( Year 1, Semester 1)		
LD major/B4	MATH 130	Calculus I	4
LD major/B1	PHYS 135	Physics for Scientists and Engineers I	4
LD major	CS 101	Intro to CS I	4
A1	COMM 100	Public Speaking	3
C1		Student Choice	3
<b>Total Units:</b>			<b>18</b>

	Course	Course Title	Units
	Spring (Year 1, Semester 2)		
A2	ENGL 102	Accelerated College Writing	3
LD major	MATH 131	Calculus II	3
LD major/B3	PHYS 136	Physics for Scientists and Engineers II	4
C2		Student Choice	3
Writing II/WID	ENGR 200	Introduction to Engineering and Design	3
<b>Total Units:</b>			<b>13</b>

	Fall ( Year 2, Semester 3)		
A3	PHIL 100	Workshop in Clear thinking	3
LD major	CS 201	Intro to CS II	4
LD major	CS 211	Discrete Math	3
LD major	MATH 230	Calculus III	3
D1/Code 1		Student Choice	3
LD major	Chem 110	Chemistry for Engineers	3
<b>Total Units:</b>			<b>19</b>

	Spring (Year 2, Semester 4)		
LD major	CMPE 221	Computer Organization & Assembly Language	3
LD major	ENGR 230	Electric Circuits I	3
LD major	MATH 210	Linear Algebra & Differential Equations	3
D2/Code 2		Student Choice	3
LD major	ENGR 220	Statics	3
<b>Total Units:</b>			<b>15</b>

	Fall ( Year 3, Semester 5)		
UD major	CS 301	Data Structures	3
UD major	CMPE 321	Computer Architecture	3
UD major	CMPE 322	Digital Design Lab	1
UD major	CMPE 330	Electric Circuits II	3
UD major	MATH 375	Differential Equations I	3
B2		Student Choice	3
<b>Total Units:</b>			<b>16</b>

	Spring (Year 3, Semester 6)		
UD Major	Elective	Student Choice	3
UD Major	CMPE 344	Microprocessor Lab	3
UD Major	CMPE 370	Digital Signal Processing I	3
UD Major	INDE 330	Statistics and Probability for Engineers	3
D3		Student Choice	3
<b>Total Units:</b>			<b>15</b>

	Fall ( Year 4, Semester 7)		
UD Major	CMPE 492	Senior Design I	3
UD Major	CMPE 421	Computer Architecture II	3
UD Major	Elective	Student Choice	3
D4		Student Choice	3
Add'l C1/C2		Student Choice	3
<b>Total Units:</b>			<b>15</b>

	Spring (Year 4, Semester 8)		
UD Major	CMPE 493	Senior Capstone: Senior Design II	3
UD Major	CMPE 480	VLSI Circuit Design/Layout	4
B6		Student Choice	3
C4		Student Choice	3
<b>Total Units:</b>			<b>13</b>

**TOTAL UNITS TO DEGREE:**

**127**