

**2023-24 Bachelor of Science in Engineering – Computer Engineering**

<b>General Education Core Requirements</b>	<b>27-39 Credits</b>
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<b>First Year Seminar</b>					<b>3 Credits</b>
Course	Cr	Gr	Trans	Sem	
EGG 101	1				
EGG 202 (TAKEN IN SECOND YEAR)	1				

<b>Second Year Seminar</b>					<b>0-3 Credits</b>
<b>Recommend PHIL 242 (Double-Dips with Humanities)</b>					
Course	Cr	Gr	Trans	Sem	

<b>English</b>					<b>6 Credits</b>
Course	Cr	Gr	Trans	Sem	
ENG 101	3				
ENG 102	3				

**Constitution 4 to 6 Credits**  
**Recommended: PSC 101 or HIST 100 OR HIST 101+102 OR HIST101+PSC 100 OR HIST 101+HIST 217. SEE FULL APPROVED LIST OF CONSTITUTION OPTIONS IN THE 2023-24 CATALOG.**

Course	Cr	Gr	Trans	Sem	

<b>Social Sciences</b>					<b>6 Credits</b>
<b>Two Different Areas (NOT ECON)</b>					
<b>(Recommend Double-dip with International or Multicultural Req.)</b>					
Course	Cr	Gr	Trans	Sem	
CEE 307	3				
	3				

<b>Fine Arts</b>					<b>3 Credits</b>
<b>(Recommend Double-dip with International or Multicultural Req.)</b>					
Course	Cr	Gr	Trans	Sem	
	3				

<b>Humanities</b>					<b>6 Credits</b>
<b>(Recommend Double-dip with International or Multicultural Req.)</b>					
Course	Cr	Gr	Trans	Sem	
PHIL 242 (DOUBLE-DIPS AS SYS)	3				
	3				

<b>Department Requirements</b>	<b>93 Credits</b>
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<b>Math/Science</b>					<b>25 Credits</b>
Course	Cr	Gr	Trans	Sem	
MATH 181*	4				
MATH 182*	4				
MATH 251	4				
MATH 431 or CPE 260	3				
STAT 411 OR 463	3				
PHYS 195*	3				
PHYS 195L*	1				
PHYS 196	3				
PHYS 196L	1				

<b>EE/CPE Fundamentals</b>					<b>43 Credits</b>
Course	Cr	Gr	Trans	Sem	
CS 135/L*	3				
CS 202	3				
CS 302	3				
CS 370	3				
CPE 100*	3				
CPE 200/D	3				
CPE 200L	1				
CPE 300	3				
CPE 301/D	3				
CPE 301L	1				
CPE 302	3				
EE 220/D	3				
EE 221	3				
EE 221L	1				
EE 320	3				
EE 320L	1				
EE 497	1				
EE 498	2				

<b>CPE Core (Complete 2 courses in 2 concentration areas)</b>					<b>12 Credits</b>
Course	Cr	Gr	Trans	Sem	
<b>DIGITAL DESIGN</b>					
EE 421	3				
CPE 404	3				
CPE 408	3				
<b>COMPUTER NETWORKS</b>					
CPE 400	3				
CPE 405	3				
CS 445	3				
<b>EMBEDDED SYSTEMS</b>					
CPE 403	3				
CPE 409	3				
CPE 476	3				
CPE 477	3				
<b>INTELLIGENT SYSTEMS</b>					
CPE 407	3				
CPE 417	3				
CS 458	3				

<b>CPE/EE Labs (Minimum of 1 lab must be taken)</b>					<b>1 Credit</b>
<b>Options: CPE 300L, EE 420L or EE 421L</b>					
Course	Cr	Gr	Trans	Sem	
	1				

<b>Math Science Elective (See approved list)</b>					<b>6 Credits</b>
<b>CHEM 121A/L Recommended</b>					
Course	Cr	Gr	Trans	Sem	

**Professional Electives (See approved list)**

**6 Credits**

Course	Cr	Gr	Trans	Sem
	3			
	3			

**Supplemental Notes:**

- Per UNLV catalog, students are solely responsible for knowing and completing their degree requirements.
- Academic Advisors are available to help students understand and meet graduation requirements. Meet with your advisor regularly.
- A 3-credit international and 3-credit multicultural class must be completed per UNLV GEN ED. requirements. The use of "Double-Dipper" courses are recommended, see approved list.

- All English, math, science, and engineering courses must have a grade of "C" or higher for graduation and to progress.
- \*Indicates "pre" computer engineering course
- 2.00 or higher UNLV GPA is required for graduation
- The last 30 credits of your degree need to be taken uninterrupted from an NSHE institution.
- Minimum number of semester units required for a bachelor's degree from UNLV is 120. CPE students will have 120 or more credits.

**GPA Summary and Credits Completed and Remaining**

Cumulative GPA	
Credits Complete	
Credits Remaining	