2022-23 Bachelor of Science in Engineering – Computer Engineering

General Education Core Requirements — 27-39 Credits

First Year Seminar — 3 Credits

Course	Cr	Gr	Trans	Sem
EGG 101	1			
EGG 202 (TAKEN IN SECOND YEAR)	1			

Second Year Seminar — 0-3 Credits
Recommend PHIL 242 (Double-Dips with Humanities)

Course	Cr	Gr	Trans	Sem

English — 6 Credits

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 2022-23 CATALOG.

Course	Cr	Gr	Trans	Sem

Social Sciences — 6 Credits
Two Different Areas (NOT ECON)
(Recommend Double-dip with International or Multicultural Req.)

Course	Cr	Gr	Trans	Sem
CEE 307	3			
	3			

Fine Arts — 3 Credits
(Recommend Double-dip with International or Multicultural Req.)

Course	Cr	Gr	Trans	Sem
	3			

Humanities — 6 Credits
(Recommend Double-dip with International or Multicultural Req.)

Course	Cr	Gr	Trans	Sem
PHIL 242 (DOUBLE-DIPS AS SYS)	3			
	3			

Department Requirements — 93 Credits

Math/Science — 25 Credits

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 180*	3			
PHYS 180L*	1			
PHYS 181	3			
PHYS 181L	1			

EE/CPE Fundamentals — 43 Credits

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			

CPE Core (Complete 2 courses in 2 concentration areas) — 12 Credits

Course	Cr	Gr	Trans	Sem
DIGITAL DESIGN				
EE 421	3			
CPE 404	3			
CPE 408	3			
COMPUTER NETWORKS				
CPE 400	3			
CPE 405	3			
CS 445	3			
EMBEDDED SYSTEMS				
CPE 403	3			
CPE 409	3			
CPE 476	3			
CPE 477	3			
INTELLIGENT SYSTEMS				
CPE 407	3			
CPE 417	3			
CS 458	3			

CPE/EE Labs (Minimum of 1 lab must be taken) — 1 Credit
Options: CPE 300L, EE 420L or EE 421L

Course	Cr	Gr	Trans	Sem
	1			

Math Science Elective (See approved list) — 6 Credits
CHEM 121A/L Recommended

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
- Half the min. req. degree credits must be taken at a 4-yr institution.
- 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	