

2025-26 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 2024-25 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 195*	3			
PHYS 195L*	1			
PHYS 196	3			
PHYS 196L	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 100L*	1			
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 409	3			
COMPUTER NETWORKS				
CPE 400	3			
CPE 405	3			
CPE 417	3			
EMBEDDED SYSTEMS				
CPE 403	3			
CPE 476	3			
CPE 477	3			
INTELLIGENT SYSTEMS				
CPE 407	3			
CPE 417	3			
CPE 418	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.

- 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.
- 30 credits of upper division credits (300 or 400 level courses) must be taken at UNLV per NSHE requirement.
- Minimum number of semester units required for a bachelor's degree from UNLV is 120. Comp. Eng. students will have 120 credits or more.
- **The College of Engineering as a 3 attempt policy in all engineering, computer science and construction management courses. After the third attempt students will have to petition to continue in their major.**
- ***Indicates "pre" computer engineering course.**

GPA Summary and Credits Completed and Remaining

Cumulative GPA	
Credits Complete	
Credits Remaining	