

## 2025-26 Bachelor of Science in Engineering – Electrical 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 94 Credits

Math/Science 26 Credits				
Course	Cr	Gr	Trans	Sem
MATH 181*	4			
MATH 182*	4			
MATH 283	4			
MATH 431	3			
MATH 432 OR 459	3			
PHYS 195*	3			
PHYS 195L*	1			
PHYS 196	3			
PHYS 196L	1			

### EE/CPE Fundamentals 37 Credits

Course	Cr	Gr	Trans	Sem
CS 135/L*	3			
CPE 100*	3			
CPE 100L*	1			
CPE 200/D	3			
CPE 200L	1			
EE 220/D	3			
EE 221	3			
EE 221L	1			
EE 320	3			
EE 320L	1			
EE 330/D	3			
EE 360/D	3			
EE 361	3			
EE 370	3			
EE 497	1			
EE 498	2			

### EE Core (Complete 1 course in 4 areas) 12 Credits

^See approved list of courses in 2025-26 Catalog

Course	Cr	Gr	Trans	Sem
Communications	3			
Computers	3			
Controls	3			
Digital Signal Processing	3			
Electronics	3			
Electromagnetics	3			
Power	3			
Solid State	3			
Photonics and Quantum Eng.	3			

EE Labs (Minimum of 3 labs must taken) 3  
Credits Options: CPE 300L, CPE 310L, EE 340L, EE 370L, EE 420L, EE 4250L, EE 460L and EE 480L

Course	Cr	Gr	Trans	Sem
	1			
	1			
	1			

### Math Science Elective (See approved list) (Chem 121A/L Recommended) 4 Credits

Course	Cr	Gr	Trans	Sem

### Professional Electives (See approved list) 12 Credits

Course	Cr	Gr	Trans	Sem
	3			
	3			
	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
- 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. Electrical Eng. students will have 122 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" electrical engineering course.

#### GPA Summary and Credits Completed and Remaining

Cumulative GPA	
Credits Complete	
Credits Remaining	