

2023-24 Bachelor of Science in Engineering – Electrical Engineering

General Education Core Requirements	27-39 Credits
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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 2023-24 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
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Math/Science					26 Credits
Course	Cr	Gr	Trans	Sem	
MATH 181*	4				
MATH 182*	4				
MATH 283	4				
MATH 431	3				
MATH 432 OR 45995	3				
PHYS 195*	3				
PHYS 195L*	1				
PHYS 196	3				
PHYS 196L	1				

EE/CPE Fundamentals				36 Credits
Course	Cr	Gr	Trans	Sem
CS 135/L*	3			
CPE 100*	3			
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 5 areas)				15 Credits
Course	Cr	Gr	Trans	Sem
Communications: EE 460	3			
Computers: CPE 30X	3			
Controls: EE 472	3			
Digital Signal Processing: EE 480	3			
Electronics: EE 42X	3			
Electromagnetics: EE 43X	3			
Power: EE 340	3			
Solid State: EE 450	3			

EE Labs (Minimum of 4 labs must taken)				4 Credits
Options: CPE 300L, CPE 310L, EE 340L, EE 370L, EE 420L, EE 421L, EE 450L, EE 460L and EE 480L				
Course	Cr	Gr	Trans	Sem
	1			
	1			
	1			
	1			

Math Science Elective (See approved list)				4 Credits
(Chem 121A/L Recommended)				
Course	Cr	Gr	Trans	Sem

Professional Electives (See approved list)				9 Credits
Course	Cr	Gr	Trans	Sem
	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.
- Indicates "pre" electrical 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. EE students will have 121 or more credits.

GPA Summary and Credits Completed and Remaining

Cumulative GPA	
Credits Complete	
Credits Remaining	