

4-Year Plan of Study

2024-2025 Bachelor of Science in Engineering – Electrical Engineering

First Fall Semester (14 Credits)

Course	Credits	Prerequisites
EGG 101	1	Recommended FYS
ENG 101	3	PLACEMENT TEST
MATH 181	4	PLACEMENT TEST
CS 135/L	3	MATH 127 OR HIGHER
*SOCIAL SCIENCE	3	
Semester Total	14	

First Spring Semester (18 Credits)

Course	Credits	Prerequisites
ENG 102	3	ENG 101 or ENG 101/L+105b
MATH 182	4	MATH 181
PHYS 195/L	4	MATH 181
CPE 100	3	Math 127 or HIGHER
CONSTITUTION REQ.	4	RECOMMEND: PSC 101 OR HIST 100
Semester Total	18	

Second Fall Semester (16 Credits)

Course	Credits	Prerequisites
EE 220/D	3	MATH 182
CPE 200 LEC/D/L	4	CPE 100, COREQ CPE 200L
MATH 283	4	MATH 182
PHYS 196/L	4	PHYS 195/L AND MATH 182
EGG 202	1	EGG 101
Semester Total	16	

Second Spring Semester (16 Credits)

Course	Credits	Prerequisites
EE 221/L	4	EE 220 AND CS 135 OR CS 117
MATH 431	3	MATH 283
CEE 307	3	SOPHOMORE AND MATH 181
SEC. YEAR SEM.	3	RECOMMEND PHIL 242
*HUMANITIES	3	
Semester Total	16	

Third Fall Semester (16 Credits)

Course	Credits	Prerequisites
EE 320/L	4	EE 221/L, MATH 431 OR CPE 260 AND PHYS 196/L or PHYS 181/L
EE 330	3	PHYS 196/L or PHYS 181/L, MATH 431 OR CPE 260, EE 221, COREQ. MATH 432
EE 360/D	3	EE 221, MATH 431 OR CPE 260, COREQ. MATH 432 OR 459
MATH 432 OR MATH 459	3	SEE CATALOG FOR REQUIREMENTS
*FINE ARTS	3	
Semester Total	16	

Third Spring Semester (14 Credits)

Course	Credits	Prerequisites
EE 361	3	EE 360 AND MATH 432 OR MATH 459
EE 370	3	EE 360 AND MATH 432 OR MATH 459
EE CORE #1	3	DISCUSS WITH ACADEMIC ADVISOR
EE CORE #2	3	DISCUSS WITH ACADEMIC ADVISOR
LAB #1	1	SEE APPROVED LIST
LAB #2	1	SEE APPROVED LIST
Semester Total	14	

Fourth Fall Semester (13 Credits)

Course	Credits	Prerequisites
EE CORE #3	3	DISCUSS WITH ACAD. ADVISOR
EE CORE #4	3	DISCUSS WITH ACAD. ADVISOR
LAB #3	1	SEE APPROVED LIST
LAB #4	1	SEE APPROVED LIST
MATH/SCIENCE ELECT.	4	SEE APPROVED LIST
EE 497	1	SENIOR STANDING AND CONSENT
Semester Total	13	

Fourth Spring Semester (14 Credits)

Course	Credits	Prerequisites
EE CORE #5	3	DISCUSS WITH ACAD. ADVISOR
EE PROF ELECT. #1	3	DISCUSS WITH ACAD. ADVISOR
EE PROF ELECT. #2	3	DISCUSS WITH ACAD. ADVISOR
EE PROF ELECT. #3	3	DISCUSS WITH ACADEMIC ADVISOR
EE 498	2	EE 497
Semester Total	14	

Notes

- Per UNLV catalog, students are responsible for knowing and completing their degree requirements. Academic Advisors are available to help students understand and meet graduation requirements.
- Minimum of 120 credits are required to graduate and must complete all degree requirements which may end up being over 120 credits.
- The last 30 University semester credits must be uninterrupted resident credit taken as a declared major in the degree granting college. Additionally, 30 credits must be earned in upper-division (300 or 400) coursework.
- *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.
- All English, math, science, EE and CPE engineering courses must have a grade of "C" or higher for graduation and to progress.
- 2.00 gpa or higher UNLV GPA is required for graduation.
- Transfer students with PHYS 180/L, PHYS 181/L and PHYS 182/L can be used to replace PHYS 195/L and PHYS 196/L for prerequisites.
- The maximum number attempts for College of Engineering courses is three attempts. After the third attempt students must petition to continue in their department.**
- This plan is for guidance only. Every student situation is different depending on AP credits, transfer credits, math placement or other situations not taken into account with this plan. It is highly recommended you meet with an Academic Advisor to develop a plan for graduation.**

For additional information contact the College of Engineering [Advising Center](#)