

4-Year Plan of Study

2022-2023 Bachelor of Science in Engineering – Electrical Engineering

First Fall Semester (14 Credits)

Course	Credits	Prerequisites
EGG 101	1	
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 (17 Credits)

Course	Credits	Prerequisites
ENG 102	3	ENG 101 or ENG 101/L+105b
MATH 182	4	MATH 181
PHYS 180/L	4	MATH 181
CPE 100	3	Math 127 or HIGHER
CONSTITUTION REQ.	3	RECOMMEND: PSC 101 OR HIST 100
Semester Total	17	

Second Fall Semester (16 Credits)

Course	Credits	Prerequisites
EE 220/D	3	MATH 182
CPE 200 LEC/D/L	4	MATH 182 AND PHYS 180/L
MATH 283	4	PHYS 180/L AND NATH 182
PHYS 181/L	4	MATH 182
EGG 202	1	MATH 182 AND PHYS 180/L
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 181/L
EE 330	3	PHYS 181/L, MATH 431, 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 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, engineering, construction mgt. courses must have a grade of "C" or higher for graduation and to progress.
- 2.00 or higher UNLV GPA is required for graduation
- **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.**