4-Year Plan of Study

2024-2025 Bachelor of Science in Engineering – Computer 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 (17 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
CS 202	3	CS 135/L
Semester Total	17	

Second Fall Semester (17 Credits)

Course	Credits	Prerequisites
EE 220/D	3	MATH 182
SEC. YEAR SEM.	3	RECOMMEND PHIL 242
MATH 251	3	MATH 182
PHYS 196/L	4	PHYS 195/L AND MATH 182
EGG 202	1	EGG 101
*FINE ARTS	3	
Semester Total	17	

Second Spring Semester (16 Credits)

Course	Credits	Prerequisites
EE 221/L	4	EE 220 AND CS 135 OR CS 117
CPE 200 LEC/D/L	3	CPE 100, COREQ CPE 200L
CPE 260 OR MATH 431	3	SEE CATALOG FOR PREREQUISITES
CS 302	3	CS 202 AND MATH 181
*HUMANITIES	3	
Semester Total	16	

Third Fall Semester (17 Credits)

Course	Credits	Prerequisites
EE 320/L	4	EE 221/L, MATH 431 OR CPE 260 AND PHYS 196/L
CPE 300	3	CPE 200
CPE 302	3	CPE 200 OR CS 302
MATH/SCI PROF ELECT. #1	3	SEE APPROVED LIST
CONSTITUTION REQ.	4	PSC 101 OR HIST 100
Semester Total	17	

Third Spring Semester (13 Credits)

Course	Credits	Prerequisites
CPE 301	3	CPE 200 OR CS 218
CPE 301L	1	CPE 200L COREQ. CPE 301
CS 370	3	CS 301 AND CS 219 OR CPE 300
STAT 411 OR 463	3	SEE CATALOG
CEE 307	3	SOPHOMORE AND MATH 181
Semester Total	13	

Fourth Fall Semester (13 Credits)

Course	Credits	Prerequisites
CPE CORE #1	3	DISCUSS WITH ACAD. ADVISOR
CPE CORE #2	3	DISCUSS WITH ACAD. ADVISOR
EE/CPE PROF. ELECT #1	3	DISCUSS WITH ACAD. ADVISOR
MATH/SCI PROF ELECT. #2	3	SEE APPROVED LIST
EE 497	1	SENIOR STANDING AND CONSENT
Semester Total	13	

Fourth Spring Semester (12 Credits)

Course	Credits	Prerequisites
CPE CORE #3	3	DISCUSS WITH ACAD. ADVISOR
CPE CORE #4	3	DISCUSS WITH ACAD. ADVISOR
EE/CPE PROF. ELECT #2	3	DISCUSS WITH ACAD. ADVISOR
EE/CPE LAB	1	DISCUSS WITH ACAD. ADVISOR
EE 498	2	EE 497
Semester Total	12	

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 (300-400) 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](#)