

4-Year Plan of Study

2024-2025 Bachelor of Science in Engineering – Mechanical Engineering

First Fall Semester (15 Credits)

Course	Credits	Prerequisites
EGG 101	1	
ENG 101	3	PLACEMENT TEST
MATH 181	4	PLACEMENT TEST
CHEM 121A/L	4	CHEM PLACEMENT TEST
COM 101	3	
Semester Total	15	

First Spring Semester (15 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
ME 240	2	
*FINE ARTS REQ.	3	
Semester Total	16	

Second Fall Semester (18 Credits)

Course	Credits	Prerequisites
ME 202	1	EGG 101
ME 241	3	MATH 182 AND PHYS 195/L
PHYS 196/L	4	PHYS 195/L AND MATH 182
MATH 283	4	MATH 182
EE 292	3	MATH 182 AND PHYS 195/L
SECOND YEAR SEMINAR	3	RECOMMEND PHIL 242
Semester Total	18	

Second Spring Semester (15 Credits)

Course	Credits	Prerequisites
ME 242	3	CEE 241, PHYS 180/L and MATH 182
ME 301	3	CHEM 121A/L and PHYS 195/L
ME 302/L	4	CEE OR ME 241, PHYS 195/L AND MATH 182
ME 319/L	2	MATH 182
MATH 431	3	MATH 283
Semester Total	15	

Third Fall Semester (14 Credits)

Course	Credits	Prerequisites
ME 311	3	PHYS 181/L OR PHYS 182/L OR PHYS 196/L
ME 402	3	ME 319/L AND MATH 431
ME 440	4	ME 301, ME 302/L AND ME 240
CONSTITUTION REQ.	4	PSC 101 OR HIST 100 RECOMMENDED
Semester Total	14	

Third Spring Semester (15 Credits)

Course	Credits	Prerequisites
ME 330	2	ME 242, MATH 431 AND ME 319/L
ME 337	3	PHYS 196/L AND EE 292
ME 380/L	4	PHYS 196/L, MATH 283, ME 242, ME 311
ME 320	3	MATH 283, ME 242, AND ME 319
Semester Total	12	

Fourth Fall Semester (13 Credits)

Course	Credits	Prerequisites
ME 421	3	ME 330 or EE 360 and EE 392
ME 314	3	ME 311, MATH 431, ME 380 AND PHYS 196/L
ME 423L	1	COREQ. ME 337 AND ME 421
ME ELECT #1	3	REFER TO APPROVED LIST
ME 497	2	COREQ: ME 314 AND ME 440 PREREQ: ADVANCED STANDING
CEE 307	3	SOPHOMORE AND MATH 127
Semester Total	16	

Fourth Spring Semester (14 Credits)

Course	Credits	Prerequisites
*SOC. SCI	3	
ME 315	1	ME 311, ME 314, ME 380/L
ME ELECT #2	3	REFER TO APPROVED LIST
ME ELECT #3	3	REFER TO APPROVED LIST
ME ELECT #4	3	REFER TO APPROVED LIST
ME 498	2	ME 497 AND ADV. STANDING
Semester Total	15	

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. 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.
- Students must take their last 30 credits at an NSHE institution and must have at minimum 30 upper division (300-400 level) courses for graduation.
- 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
- **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](#)