

4-Year Plan of Study

2023-2024 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 (16 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 195/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 196/L
ME 402	3	ME 319 AND MATH 431
ME 440	3	ME 301, ME 302/L AND ME 240
CONSTITUTION REQ	4	PSC 101 OR HIST 100 RECOMMENDED
Semester Total	13	

Third Spring Semester (15 Credits)

Course	Credits	Prerequisites
ME 330	2	ME 242, MATH 431 AND ME 319
ME 337	4	PHYS 196/L AND EE 292
ME 380/L	4	PHYS 196/L, MATH 283, ME 242, ME 311
ME 314	3	ME 311, MATH 431 AND PHYS 196/L
ME 320	3	MATH 283, ME 242, AND ME 319
Semester Total	16	

Fourth Fall Semester (13 Credits)

Course	Credits	Prerequisites
ME 421	3	ME 330 or EE 360 and EE 292
ME 315	1	ME 311, ME 314, ME 380/L
ME 423L	1	COREQ. ME 337 AND ME 421
ME ELECT #1	3	REFER TO APPROVED LIST
ME 497	2	SENIOR AND FINAL TWO SEMESTERS
CEE 307	3	SOPHOMORE AND MATH 181
Semester Total	13	

Fourth Spring Semester (14 Credits)

Course	Credits	Prerequisites
*SOCIAL SCIENCE	3	
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
FE Exam		
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 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, mechanical engineering prerequisite 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.
- 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](#)