B.S. - MECHANICAL ENGINEERING 2021-22 CATALOG 4-YEAR PLAN OF STUDY

FRESHMAN YEAR

SOPHOMORE YEAR

FALL SEMESTER SPRING SEMESTER FALL SEMESTER SPRING SEMESTER

ENG 101 (3)

SAT SCORE > 499 or SAT ERWS > 479 OR ACT SCORE > 17 OR PLACEMENT EXAM ENG 102 (3) PREREQUISITE ENG 101 or ENG 101+100L+105L CEE 241(3)
PREREQUISITE
PHYS 180/L,
MATH 182

ME 242 (3)
PREREQUISITE
CEE 241, PHYS 180/L &
MATH 182

MATH 181 (4)

PREREQUISITE

MATH 127 OR 128 OR SAT

SCORE > 629 OR SAT MSS >
649 OR ACT SCORE > 27

PLACEMENT TEST

MATH 182(4) PREREQUISITE MATH 181 MATH 283 (4) PREREQUISITE MATH 182

MATH 431 (3) PREREQUISITE MATH 283

CHEM 121A/L (4)

PREREQUISITE
CHEM PLACEMENT TEST OR
CHEM 103
COREQUISITE

PHYS 180/L (4) PREREQUISITE MATH 181 PHYS 182/L (4)
PREREQUISITE
PHYS 180/L &
MATH 182

ME 301 (3) PREREQUISITE CHEM 121A/L PREREQUISITE PHYS 180/L

FIRST-YEAR SEMINAR (1)
EGG 101/L RECOMMENDED

FINE ARTS (3)

NOTE:
REFER TO THE 2021-22

CAD REQ. (1) ME 220 OR ME 240

GEN. ED REQ. (3)

SOCIAL SCIENCE OR HUMANITIES NOTE: REFER TO THE 2021-22 EE 292 (3)
PREREQUISITE
MATH 182 &
PHYS 180/L or PHYS 151/L

ME 302/L (4)
PREREQUISITE
PHYS 180/L, MATH 182
& CEE 241

SOPHOMORE SEMINAR (3)
RECOMMEND PHIL 242

ME 319/L (2)
PREREQUISITE
MATH 182

*ME 202 (1)
PREREQUISITE: EGG 101

IMPORTANT NOTES:

* Course Offered in the Fall Semester ONLY

Offered in the Spring Semester ONLY

^ Indicates Advanced Standing required prior to taking the course.

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.

All English, math, science, engineering, construction mgt. courses must have a grade of "C" or higher for graduation and to progress.

A 3-credit international and 3-credit multicultural class must be completed per UNLV GEN ED. requirements. The use of "Double-Dipper"

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Refer to the current Undergraduate Catalog for course prerequisites. Current course prereqs. apply to all students regardless of a students catalog of matriculation.

2.00 or higher UNLV GPA is required for graduation

Half the min. req. degree credits must be taken at a 4-yr instituion

The last 30 credits of your degree need to be taken uninterrupted from an NSHE institution.

Minimum number of semester units required for a bachelor's degee from UNLV is 120. Mech. Eng. students will have 120 credits or more.

B.S. - MECHANICAL ENGINEERING 2020-21 CATALOG 4-YEAR PLAN OF STUDY

JUNIOR YEAR

SENIOR YEAR

FALL SEMESTER SPRING SEMESTER FALL SEMESTER SPRING SEMESTER

ME 311 (3) PREREQUISITE PHYS 181/L OR PHYS 182/L

^#ME 330 (2) PREREQUISITE ME 242, MATH 431 & ME 319/L Engineering Dynamics
Requirement #2 (3)
SEE APPROVED COURSES

GEN. ED REQ. (3)

SOCIAL SCIENCE OR

HUMANITES

NOTE: REFER TO THE 2021-22

UNIVERSITY CATALOG

ME 402 (3)
PREREQUISITE
ME 319/L & MATH 431

ME 337 (3) PREREQUISITE PHYS 182/L & EE 292 ME 315 (1) PREREQUISITE ME 311, ME 314 & ME 380

ME ELECTIVE #2 (3)

NOTE: REFER TO

APPROVED LIST

ME 440 (3) PREREQUISITE ME 302/L ^ME 380/L (4) PREREQUISITE PHYS 182/L, MATH 283, ME 242, ME 311 ME 423L (1)

PREREQUISITE: ME 337 OR
ME 421

ME ELECTIVE #3 (3)
NOTE: REFER TO APPROVED
LIST

CONSTITUTIONAL
REQUIREMENT
SUGGESTED
*@#PSC 101 (4) OR
*@#HIST 100 (4)

ME 314 (3)
PREREQUISITE
ME 311, PHYS 181/L OR
PHYS 182/L &

ME ELECTIVE #1 (3)

NOTE: REFER TO APPROVED LIST ME ELECTIVE #4 (3)

NOTE: REFER TO

APPROVED LIST

DESIGN OR LAB
ELECTIVE (1)
See Approved List

Engineering Dynamics
Requirement #1 (3)
SEE APPROVED COURSES

^ME 497 (2)
COREQUISITE
SENIOR STANDING
FINAL TWO SEMESTERS

CEE 307 (3)
PREREQUISITE
MATH 181 & 30+ CREDITS
(SOPHOMORE STANDING)

ME 498 (2)
PREREQUISITE
ME 497

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