

# MECHANICAL ENGINEERING (125 Hours) WITH PHYSICS MINOR (NO ADDITIONAL HOURS)

\* For informational purposes only. Refer to Physics department for current curriculum requirements.

- Physics Minor requires 4 courses.
- PHYS 235 counts as an Other Tech Elective.
- Advanced Physics Elective counts as an Other Tech Elective.

PHYS 213 (5) Engg Phys I PR/CO: MATH 221	PHYS 214 (5) Engg Phys II PR: MATH 221 PR: PHYS 213	PHYS 235 (4) Physics III PR:PHYS 214 PR/CO: MATH 222 <i>Typically Fall Only</i>	Advanced Physics Elective (3-5) PR: PHYS 235  See Physics Minor requirements
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## FRESHMAN

## SOPHOMORE

## JUNIOR

## SENIOR

H&SS (3)	ECON 110 (3) Macro Econ	IMSE 250 (2) Intro to Manf Proc.	MATH 551 (3) Applied Matx Thry	ME 400 (3) Comp. Appl in ME	ME 533 (3) Mach Des 1	IMSE 530 (2) Engg Econ Anal	H&SS (3)
MATH 220 (4) AG & Calc 1	MATH 221 (4) AG & Calc 2	MATH 222 (4) AG & Calc 3	MATH 340 (4) Diff Eq	CE 533 (3) Mech Matls	ME 570 (4) Cont Mech Sys1	ME 573 (3) Heat Transfer	H&SS (3)
DEN 160 (1) Engg Orientation & DEN 161 (1) Engg Prob Solv	PHYS 213 (5) Engg Phys I	PHYS 214 (5) Engg Phys 2	ME 512 (3) Dynamics	ME 571 (3) Fluid Mech	ENGL 415 (3) Written Comm.	ME 574 (3) Ind Des Prj I	ME 575 (3) Ind Des Prj II
OR  ME 101 (2) Intro to ME	ME 212 (2) Engg Graph	CE 333 (3) Statics	ME 513 (3) Thermo 1	ECE 519 (4) Cir & Controls  <b>OR</b>	Tech Elec (3) Other  ≥200	Tech Elec (3) COE  ≥200	Tech Elec (3) Other  ≥200
CHM 210 (4) Chem 1	COMM 105 (2) Pub Spkg. 1A	CHE 354 (1) Basic materials	NE 495 (1) Elem of NE	ME 519 (4) Circuits for MNE	ME 535 (3) Meas & Instr  OR NE 612	Tech Elec (3) MNE ≥200  OR NE 630	Tech Elec (3) MNE ≥600  OR NE 648
ENGL 100 (3) Exp Writ 1		CHE 355 (1) Mech Properties		Tech Elec (3) MNE ≥200  OR NE 690	Nuclear Option: The 4 classes below replace the 4 directly above them.		

NE 690 (3) Rad Prot & Shield <i>Typically Fall Only</i>	NE 612 (3) Princ of Rad Det <i>Typically Spring Only</i>	NE 630 (3) Nuc Reactor Thry <i>Typically Fall Only</i>	NE 648 (3) Nuc Reactor Lab <i>Typically Spring Only</i>
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