

MECHANICAL ENGINEERING (125 Hours) WITH MATHEMATICS MINOR (NO ADDITIONAL HOURS)

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

- Math Minor requires 7 classes.
- Choose 1 of 4 classes from the orange box which counts as an Other Tech Elective.
- Choose 1 of 2 classes in the green box which counts as an Other Tech Elective.
- Grade of C or better is required for all MATH & STAT classes

MATH 511 (3) Intro to Algebraic Systems PR: MATH 222	MATH 512 (3) Intro Modern AG PR: MATH 222 <i>Typically Fall Only</i>	MATH 520 (3) Found of Analy. PR: MATH 222 <i>Typically Spring Only</i>	MATH 633 (3) Advanced Calc 1 PR: MATH 222 <i>Typically Fall Only</i>	MATH 630 (3) Int. Compl Analy. PR: MATH 340 <i>Typically Fall Only</i>	STAT 510 (3) Intro Probability and Statistics 1 PR: MATH 221	MATH course 500 level or above See Math 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 Sys I	ME 573 (3) Heat Transfer	H&SS (3)
DEN 160 (1) Engg Orientation & DEN 161 (1) Engg Prob Solv OR ME 101 (2) Intro to ME	PHYS 213 (5) Engg Phys 1	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
CHM 210 (4) Chem 1	ME 212 (2) Engg Graph	CE 333 (3) Statics	ME 513 (3) Thermo 1	ECE 519 (4) Cir & Controls OR	Tech Elec (3) Other ≥200	Tech Elec (3) COE ≥200	Tech Elec (3) Other ≥200
ENGL 100 (3) Exp Writ 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
	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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