

BS Mechanical Engineering 2023-2024 (precalculus start)

Freshman

EGR1502 Shop 1CH

EGR1501 CAD 1CH

EGR1503 Tools 1CH

MAT1110 Precalc 5CH

MAT1234 Calc 1 5CH

MAT1235 Calc 2 5CH

PHY1101 Phys 1 5CH

PHY1122 Phys 2 5CH

PHY1123 Phys 3 5CH

Colloq EGR Rec 1CH

WRI1000 5CH

WRI1100 EGR Rec OR UFND 1000 WRI1000 5CH

WRI1100 EGR Rec OR UFND 1000 WRI1000 5CH

Sophomore

CSC2230 Prog 5CH

MAT2200 Prob/Stat 3CH

MAT2401 Lin Alg 3CH

MAT1236 Calc 3 5CH

MAT3237 Dif Eq 3CH

EE2726(L) Circuits 5CH

ME 2891 Statics 4CH

ME 3310 Mch Mtls 4CH

ME 3400 Dynamics 5CH

CHM1211(L) or 1310(L) 5CH

Common Curriculum

Junior

GS 3001 Int Prep 1CH

Approved internship is also a prerequisite for EGR 4941, see ECS Intern Canvas site

MAT3238 Vect Calc 3CH

ME 3500 Thermal I 5CH

ME 3501 Thermal 2 5CH

ME 3502 Thermal 3 5CH

ME 3430* Sys Dyn 5CH

OR

ME 4410 MechDsn 4CH

PHY3311 Exp Mthd 3CH

ME 3300* Prp Mtls 3CH

OR

Common Curriculum

Tech Elective (11 CH Total Req)

Senior

EGR4941 Int Rvw 1CH

Comm Curr (20CH): UCOR 2000, UFND 2000, UCOR 3000, UFND 3100

Expl Curr (20CH): WK-Arts, WK-Hum, WK-Social Science, WE (and CUE)

With DTA or AA see Advisor

ME 4910 FE Prep 1CH

ME 3430* Sys Dyn 5CH

EGR3810 GEGR Dsn 5CH

ME 3300* Prp Mtls 3CH

Common Curriculum

Tech Elective (11 CH Total Req)

VERY IMPORTANT!!!!

*ME 3430 and ME 3300 will change from being offered every year to alternate years after 2023.

Fall 2024: 3430 (no 3300)

Fall 2025: 3300 (no 3430)

EGR4811 SrDsn 1 3CH

EGR4812 SrDsn 2 3CH

EGR4899 SrCapstn 3CH