

BS General Engineering 2023-2024

Freshman

EGR1502 Shop 1CH

EGR1501 CAD 1CH

EGR1503 Tools 1CH

MAT1234 Calc 1 5CH

MAT1235 Calc 2 5CH

MAT1235 Calc 3 5CH

PHY1121 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

CSC 1230 or 2230 5CH

Engr Conc Course 1 4-5CH

MAT2200 Prob/Stat 3CH

MAT2401 Lin Alg 3CH

EE 1210 Logic Sys 5CH

MAT3237 Dif Eq 3CH

Math or Science 3CH

EE2726(L) Circuits 1 5CH

EE2727(L) Circuits 2 4CH

ME2891 Statics 4CH

ME3310 Mch Mtls 4CH

CHM1211 Chem/lab 5CH

Work with advisor to plan which of the above courses will be taken during sophomore vs junior year

Common Curriculum

Junior

Engineering Concentration Sequence Courses 2 & 3 9-10CH

GS 3001 Int Prep 1CH

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

ME 3500 Thermo 5CH

Common Curriculum

Approved Electives (Total of 18 CH Req)

Senior

EGR4941 Int Rvw 1CH

EGR3810/EE 3730* 5CH

EGR4811 SrDsn 1 3CH

EGR4812 SrDsn 2 3CH

EGR4899 SrCapstn 3CH

*Relevant prereqs will depend on concentration sequence

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

Common Curriculum

Approved Electives (Total of 18 CH Req)