

EVEN B.S. Degree: Block Diagram 2020-2021

Spr	Enviro Eng Opt list B -3-	MCEN 4131 -3- Air Pollution Control P: fluid mechanics & Thermo	CVEN 4333 -3- Engineering Hydrology P: Fluids C: Prob & Stat	EVEN 4434 -4- Environmental Engineering Design P: CVEN 3414 & EVEN 4464	Technical Elective III -3- or Senior thesis	
Fall	Enviro Eng Opt list B -3-	Air or Earth Science Lab or Field course -3-	Free Elective -3	EVEN 4464 -3- Env Engrg Processes P: CVEN 3414&fluids	Technical Elective II -3- or Senior thesis	H&SS Elective V -3- upper division
Spr	Enviro Eng Opt list A -3-	EVEN 4424 -3- Env Organic Chemistry P: EVEN 440	Probability & Statistics -3- CVEN 3227: JR or SR level only	EVEN 4484 -3- Intro to EnvironMicrobiology P: CHEN 1201 or CHEN1211 & Calc 3	Heat Transfer -3- MCEN:P: Thermo/fluids/DiffiQ CHEN: P: fluids	
Fall	Engineering Economics -3-	EVEN 4404 -3-Water Chemistry EVEN 4414 -1- Water Chem Lab P: CHEN 1201, 1203 or CHEN1211/CHEM1221 or CHEM 1114 & C: CVEN3414	EVEN 3550 -3- Sustainability Principles for Engineers C: CVEN 3414		Thermodynamics -3- EVEN 3012. P: PHYS 1110, Calc 2, CHEN 1201 or CHEN 1211 MCEN: P:Calc 3. AREN: P:PHYS 1110. C: Calc 2	Writing Course -3- (Jr. standing)
Spr	APPM 2360 -4- Introduction to Differential Equations & Linear Algebra P: APPM 1360 or MATH 2300		Fluid Mechanics -3- CVEN P: solids MCEN P: solids, calc 3	CVEN 3414 -3- Fundamentals of Env. Engineering P: CHEN 1201 or CHEN 1211, CHEM 1221, & APPM 1360	Technical Elective I -3-	H&SS Elective IV -3- upper division
Fall	APPM 2350 -4- Calculus III for Engineers P: APPM 1360 or MATH 2300	PHYS 1120 -4- PHYS 1140 -1- Gen.Phys/Lab P: PHYS 1110 & C: MATH 2300 or APPM 1360	Statics / Mechanics -3- CVEN:P: PHYS 1110 & C: Calc III; MCEN: P: calc II & PHYS 1110			H&SS Elective III -3- lower division
Spr	APPM 1360 -4- Calculus II for Eng. P: APPM 1350 or MATH 1300	PHYS 1110 -4- Gen. Physics I P/C: APPM 1350 or MATH 1300	CHEN 1203- 2- Gen Chem for Engineers 2 CHEM 1221-1- Eng Gen Chem Lab P: CHEN 1201 \$	CHEN 1310 -3- Introduction to Computing P/C: APPM 1350 or MATH 1300		H&SS Elective II -3- lower division
Fall	APPM 1350-4- Calculus 1 for Engineers	CHEN 1201 -4- Gen Chem for Engineers 1		GEEN 1400-3- Engineering Projects	EVEN 1000 -1- Introduction to Environmental Engineering	H&SS Elective I -3- lower division