

B.S. CIVIL ENGINEERING - ENGINEERING MATH 2019


FRESHMAN		SOPHOMORE		JUNIOR		SENIOR	
<i>Fall (17 hrs)</i>	<i>Spring (16 hrs)</i>	<i>Fall (15.5 hrs)</i>	<i>Spring (14 hrs)</i>	<i>Fall (17 hrs)</i>	<i>Spring (17 hrs)</i>	<i>Fall (15 hrs)</i>	<i>Spring (15 hrs)</i>
CVEEN 1000 Intro to Civil & Environmental Engineering F 2	CVEEN 1400 Computer-Aided Design SP 3	CVEEN 2000 Seminar F 0.5	CVEEN 2140 Strength of Materials F/SP 3	CVEEN 3210 Structural Loads & Analysis (QI) F/SP 3	CVEEN 3100 Technical Communication (CW) F/SP 3	CVEEN 4900 Professional Practice F/SP 3	CVEEN 4910 Design Capstone F/SP 3
MATH (1050 & 1060) or MATH 1080 ↓	MATH 1310 ↓	MATH 1310 & PHYS 2210 ↓	MATH 1310 ↓	CVEEN 2140 & 2310 ↓	CVEEN 2140 & 2310 ↓		CVEEN 4900 & 2 Design Technical Electives ↓
MATH 1310 Engineering Calculus I (QR) F/SP 4	MATH 1320 Engineering Calculus II F/SP/SU 4	CVEEN 2010 Statics F/SP 3	CVEEN 2750 Computer Tools SP 2	CVEEN 3410 Hydraulics (QI) 3 CVEEN 3415 Lab 1	CVEEN 3310 Geotech I (QI) 3 CVEEN 3315 Lab 1	Design Technical Elective F/SP 3	Technical Elective F/SP 3
	MATH 1310 ↓		CVEEN 2010, PHYS 2210 & MATH 2250 ↓	CVEEN 2140 & 2310 ↓	CHEM 1210 & CVEEN 2140 ↓		
General Ed. Requirement F/SP/SU 3	PHYS 2210 Physics for Sci & Engineers I F/SP/SU 4	CVEEN 2300 Engineering Economics F/SP 2	ME EN 2030 Dynamics F/SP/SU 3	CVEEN 3510 Materials 3 CVEEN 3515 Lab 1	CVEEN 3610 Environmental 3 CVEEN 3615 Lab 1	Technical Elective F/SP 3	Technical Elective F/SP 3
WRTG 1010 ↓	See catalog for individual prerequisites ↓			CVEEN 2140 & 2310 ↓			
WRTG 2010 Intermediate Writing F/SP/SU 3	CHEM 1220 Gen Chemistry II or PHYS 2220 Physics for Sci & Engineers II F/SP/SU 4	CVEEN 2310 Probability & Statistics F/SP 3	General Ed. Requirement/DV F/SP/SU 3	CVEEN 3520 Transportation F/SP 3	Design Technical Elective F/SP 3	Technical Elective F/SP 3	General Ed. Requirement F/SP/SU 3
MATH 1050 ↓	See catalog for individual prerequisites ↓						
CHEM 1210 Gen Chemistry I 4 CHEM 1215 Lab 1	CHEM 1225 Gen Chemistry II Lab or PHYS 2215 Physics for Sci & Engineers I Lab or PHYS 2225 Physics for Sci & Engineers II Lab F/SP/SU 1	MATH 2250 Diff Equations & Linear Algebra F/SP/SU 4	Additional Science Requirement F/SP/SU 3	General Ed. Requirement F/SP/SU 3	General Ed. Requirement F/SP/SU 3	American Institutions F/SP/SU 3	General Ed. Requirement/IR F/SP/SU 3
		MATH 1060 ↓					
		MG EN 2400 Surveying F/SU 3					


Have you completed 3 of the 4 shaded courses? If yes, apply for Full Major Status!

□ The **Additional Science Requirement** is satisfied by taking any 1000+ course in the following departments: Biology, Geology & Geophysics, and Atmospheric Sciences.

Recommended General Education Courses
LEAP 1501 Social & Ethical Engineering (BF) - Fall only
LEAP 1500 Humanities for Engineers (HFDV) - Spring only

KEY

Full Major Status Required 

Prerequisite 

Corequisite