

Fall 2021 Suggested Schedule
Total Credit Hours

		14			14
VSUE102A	First Year Seminar in Tech and Innovation (S&BS + FS)	3		General Education- FA	3
COMM11	Rhithic Speaking	3	GEO300	GEO300 Energy, Resources and Environment	3
MATH22	Calculus I P: MATH23	5	MATH23	Calculus II P: MATH22	5
ENGL101	College English I	3	ENGL102	College English II P: ENGL101	3
		15			14
ENGE201	Introductory Design Project P: VSUE102A, ENGR302 or ID80	1	CHEM21/L	General Chemistry I	5
ECON201	Principles of Macro Econ (S&BS) or ME255	3	BIO370	Introduction to Environmental Science	3
PHIS313	Physics for Scientists I P/C MATH23 with 'C' or better	4		Technical Elective- Recommended Survey II P: Survey I	3
PHIS315	University Physics Lab I P: MATH22 P/C PHIS313	1		Technical Elective	3
	Technical Elective- Recommended Survey I	3			
	Technical Elective	3			
		15			18
ME222/L	Engineering Graphics (with lab) P: MATH23	3	CS211/L	Introduction to Programming P: MATH11	4
ENGE301	Intermediate Design Project P: ENGE201 or ENGR205	2	ENGE312	Applied Statics (fall only) P/C MATH23	3
ENGE370	Environmental Engineering Tech (fall only) P: CHEM21	3	ENGE354	Statistical Process Control P/C MATH23	3
ME250	Materials Engineering P: CHEM21 & MATH22	3	ENGE30L	Circuits Technology (spring) P: MATH22 with '!' HEM200	3

		15			15
ENGE30	Environmental Engineering/Tech (fall only) P: CHEM21	3	ENGE33	Introduction to Fluids (fall only) P: ENGE312 & MATH243	3
ENGE492	Energy Mgmt & Sustainability (fall only) P: ENGE370 P/C ECON210	3	ENGE370	Environmental Engineering/Tech (fall only) P: CHEM21	3
EE57L	Renewable Energy Engineering				