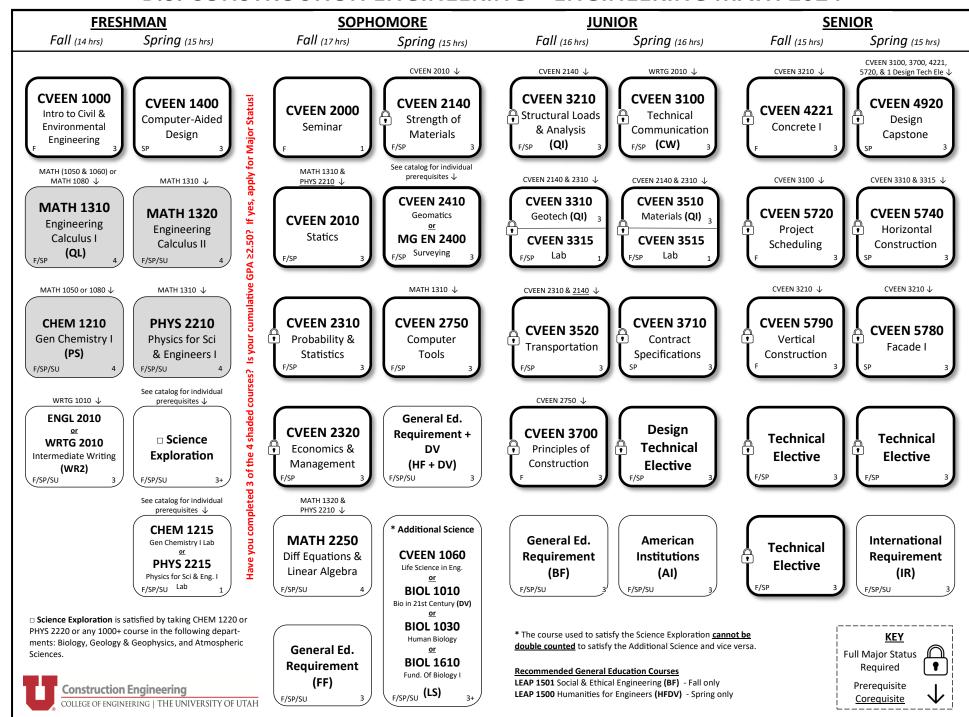
## **B.S. CONSTRUCTION ENGINEERING – ENGINEERING MATH 2024**



Updated March 8, 2024 Total Required Credit Hours: 123

## **TECHNICAL ELECTIVES**

## Students must fulfill 4 technical elective requirements, ensuring they meet the following sub-criteria:

- 1. Complete at least **one** course from the primary technical elective section.
- 2. Complete at least one course from the design technical elective section. These are designated by a shaded box.

As long as these requirements are met, students have the flexibility to choose the remaining two technical electives from any section.



/	Course #	Course Title	<u>Pre-reqs</u>	<u>Semester</u>	Course #	Course Title	<u>Pre-reqs</u>	<u>Semester</u>
	CVEEN 3410/15	Hydraulics	CVEEN 2140 & 2310	F/SP	CVEEN 5610	Water Chemistry	CVEEN 2140, 3610/15	F
	CVEEN 3610/15	Environmental Engineering	CHEM 1210 & CVEEN <u>2140</u>	F/SP	CVEEN 5920	Special Topics	Dept. Consent	Varies
	CVEEN 4222	Steel I	CVEEN 3210	SP	NUCL 3000	Nuclear Principles	CHEM 1220, MATH	SP (online)
	CVEEN 4999	Honors Thesis	Dept. Consent	F/SP	NUCL 3100	Radiation Interactions	1220, CVEEN 2010 CHEM 1220, MATH	SP
	CVEEN 5210	Structural Analysis II	CVEEN 3210	SP				
	CVEEN 5220	Concrete II	CVEEN 4221	SP (even)	NUCL 3200	Radiochemistry	1220, CVEEN 2010	5 / J: \
	CVEEN 5230	Steel II	CVEEN 4222	F (even)			CHEM 1220, MATH 1220, CVEEN 2010	F (online)
	CVEEN 5240	Reinforced Timber/Masonry	CVEEN 3210	F	CVEEN 6XXX	CVEEN Graduate Courses	3.20 GPA & Instructor Consent	F/SP
	CVEEN 5410	Engineering Hydrology	CVEEN 3410/15	SP				
	CVEEN 5420	Open Channel Flow	CVEEN 3410/15	F		Any 3+ credit, 3000+ level course from the College of Engineering or an ABET accredited program	Varies	F/SP
	CVEEN 5500	Sustainable Materials (IR)	CVEEN 3510/15	SP				
	CVEEN 5570	Pavement Design	CVEEN 3510/15	F				
	CVEEN 5605	Water & Wastewater Treat.	CVEEN 3610/15	SP				

Semester availability is subject to change at the discretion of the department and does not create a binding contractual nexus or obligation between the student and the University of Utah