

UH/HCC ENGINEERING ACADEMY - SCHEDULE EXAMPLE

This is a sample degree plan, based on common Engineering requirements. Degree plans may differ depending on the major. For example, Chemistry II is a required course in Year 1/Semester 2 for Civil and Mechanical Engineering, but not Electrical, Computer, or Industrial Engineering degree plans.

Calculus Ready Academy students are ready for Calculus I (MATH 2413) and Chemistry I (CHEM 1311). However, options for Pre-Calculus ready students can be discussed with an Academic Advisor during the application process.

Check with an advisor for the most updated degree plan for each specific major path. Course offerings are subject to change.

■ = CLASSES TAUGHT BY UH FACULTY
■ = CLASSES TAUGHT BY HCC FACULTY

YEAR 1 (32 HOURS)	SEMESTER 1 - FALL	MATH 2413	Calculus I	4
		CHEM 1311	General Chemistry I	3
		CHEM 1111	General Chemistry I Lab	1
		ENGI 1100	Introduction to Engineering	1
		ENGL 1301	English Composition I	3
		EDUC 1300	Learning Framework	3
		Semester Hours		

SEMESTER 2 - SPRING	MATH 2414	Calculus II	4
	PHYS 2325	University Physics I	3
	PHYS 2125	Physics Laboratory I	1
	ENGI 1331	Computing for Engineers	3
	ENGL 1302	English Composition II	3
	CORE	See Core Requirements List	3
	Semester Hours		

YEAR 2 (35 HOURS)	SEMESTER 1 - FALL	MATH 2415	Calculus III	4
		MATH 2318	Linear Algebra	3
		PHYS 2326	University Physics II	3
		PHYS 2126	Physics Laboratory II	1
		XXXXXXXX	Engineering Major Course	3
		CORE	See Core Requirements List	3
		Semester Hours		

SEMESTER 2 - SPRING	MATH 2320	Differential Equations	3
	XXXXXXXX	Engineering Major Course	3
	ENGI 2304	Technical Communications	3
	XXXXXXXX	Engineering Major Course	3
	XXXXXXXX	Engineering Major Course	3
	CORE	See Core Requirements List	3
	Semester Hours		