

Sample Roadmap - Course XB (there are alternative paths, of course!)

First-semester Sophomore Entry, no advanced credits

Year 1 - Fall	Subject #	Subject Title	Units	GIR		Year 1 - Spring	Subject #	Subject Title	Units	GIR
		GIR Mathematics	12	CALC I				GIR Mathematics	12	CALC II
		GIR Physics	12	PHYS I				GIR Biology	12	BIO
		GIR Chemistry	12	CHEM				HASS (CI-H/CI-HW)	12	HASS, CI-H
		HASS	12	HASS			5.12	Organic Chemistry	12	Dept
			48						48	
Year 2 - Fall		HASS	12	HASS		Year 2 - Spring		HASS (CI-H)	12	HASS, CI-H
	18.03	Differential Equations	12	REST			7.05	Biochemistry	12	Dept
	5.60	Thermo and Kinetics	12	REST			10.213	Thermodynamics	12	Dept
	10.10	Intro ChE	12	Dept			10.301	Fluid Mechanics	12	Dept
								Unrestricted elective	6	
			48						54	
Year 3 - Fall		HASS	12	HASS		Year 3 - Spring		HASS	12	HASS
	7.02	Institute lab	18	GIR/Dept			10.37	Reaction Engineering	9	Dept
	10.302	Heat and Mass Transport	12	Dept			10.27,9	Project Laboratory	15	CI-M
		Unrestricted elective	12				7.03	Genetics	12	Dept
								Unrestricted elective	6	
			54						54	
Year 4 - Fall		HASS	12	HASS		Year 4 - Spring		HASS	12	HASS
	10.x	Restricted elective	6	Dept				GIR Physics	12	PHYS II
		Unrestricted elective	12					Unrestricted elective	12	
	10.492A	Design elective	6	Dept			10.490	Integrated Chemical Engr	9	Dept
	7.06	Cell Biology	12	Dept						
			48						45	

load 399
less GIRs 195

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Pre-Requisite Stack

Subject	Pre-requisites
10.10	CALC1, PHYS1, CHEM
10.213	10.10, 5.60
10.301	10.10, 18.03
10.302	10.213, 10.301, 5.60
10.37	10.301, 5.60
10.28	(5.07 or 7.05), LAB
10.26,7,9	10.302, LAB
10.490	10.37
10.492,3,4	10.301

* Choose one of 10.26, 27, 28, or 29