

Year 1

ENGR 1010: Engineering Foundations 1	APMA 1110: Single Variable Calculus II	CS 1010/11/12: Intro to Programming	PHYS 1425: Intro Physics 1 for Engineers	HSS Elective: (See website for list)
ENGR 1020: Engineering Foundations 2	APMA 2120: Multivariate Calculus	CHEM 1410/11: Intro Chemistry I & Lab	Math/Science Elective: (See website for list)	

Year 2

BME 2nd Year Split Core: <ul style="list-style-type: none"> BME 2000: Design/Discovery BME 2101: Physiology for Engineers I BME 2104: Cell & Molecular Biology BME 2220: Biomechanics BME 2315: Computational BME 	<i>Split core classes are offered in both Fall & Spring semesters, and should be distributed equally among the two semesters</i>	APMA 2130 Ord. Differential Equations	STS 2600: Engineering Ethics	Unrestricted Elective: (See website for list)
		APMA 3100 or 3110 Applied Statis & Probability	PHYS 2451 or ECE 2200: Physics II	

Year 3

BME 3rd Year Split Core: <ul style="list-style-type: none"> BME 2102: Physiology for Engineers II BME 3240: Biotransport BME 3310: BME Systems Analysis & Design 	BME 3080 IDEAS I	Engineering Elective (See website for list)	Technical Elective (See website for list)	Unrestricted Elective: (See website for list)
	BME 3090 IDEAS II	Engineering Elective (See website for list)	HSS Elective: (See website for list)	

Year 4

BME 4063: Capstone I	STS 4500 STS & Eng Practice	BME Elective: (See website for list)	BME Elective: (See website for list)	Unrestricted Elective: (See website for list)
BME 4064 Capstone II	STS 4600 Ethics & Professional Resp.	BME Elective: (See website for list)	HSS Elective (See website for list)	Unrestricted Elective: (See website for list)

Integrated Curriculum Map: B.S. in Biomedical Engineering

