

B.S. Interdisciplinary 4-year Roadmap

Odd Year Start

	Fall	Units	Spring	Units
YEAR 1	MATH 161- Differential and Integral Calculus I (meets Lower Div GE area 2)	4	MATH 211 - Differential and Integral Calculus II	4
	ASTR 100 - Descriptive Astronomy OR PHYS 100 - Descriptive Physics	3	PHYS 114 - Intro. to Physics I Lab. Experience (Lower Div GE area 5A)	4
	Lower Div. GE Area 1C and 1B	6	PHYS 116 - Intro. Lab. Experience (LD GE 5C)	1
	University Electives	2	Lower Div. GE Area 1A and 3A	6
	TOTAL UNITS	15	TOTAL UNITS	15
YEAR 2	MATH 261 - Multivariable Calculus	4	MATH 241 - Linear Algebra with Applications in Differential Equations	4
	PHYS 214 - Introduction to Physics II	4	Lower Div GE Area 4 and American Institutions	6
	PHYS 216 - Introductory Laboratory	1	Lower Div GE Area 6	3
	Lower Div. GE Area 3B and 5B	6	University Electives	2
	TOTAL UNITS	15	TOTAL UNITS	15
YEAR 3	PHYS 325 - Introduction To Mathematical Physics	3	PHYS 340 - Light and Optics (met-in-major Upper Div GE Area 5)	3
	PHYS 381 - Computer Applications for Scientists	2	Interdisciplinary Concentration Elective	3
	PHYS 314 - Introduction to Physics III	4	Interdisciplinary Concentration Elective	3
	Upper Div GE Area 3 and 4	6	University Electives	6
	TOTAL UNITS	15	TOTAL UNITS	15
YEAR 4	Interdisciplinary Concentration Elective	3	PHYS 450 - Statistical Physics	2
	PHYS 491 - Capstone	1	GWAR Course - PHYS 366 Recommended	3
	University Electives	11	Interdisciplinary Concentration Elective	3
			University Electives	7
	TOTAL UNITS	15	TOTAL UNITS	15