

B.S. Astrophysics 4-year Roadmap

Even Year Start

	Fall	Units	Spring	Units
YEAR 1	MATH 161- Differential and Integral Calculus I (GE LD 2)	4	MATH 211 - Differential and Integral Calculus II	4
	ASTR 100 - Descriptive Astronomy	3	PHYS 114 - Intro. to Physics I Lab. Experience (GE LD 5A)	4
	Lower Div. GE Area 1C and 1B	6	PHYS 116 - Intro. Lab. Experience (GE LD 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 450 - Statistical Physics	2
	PHYS 320 - Analytical Mechanics	3	ASTR 331 - Astronomical Imaging	3
	PHYS 314 - Introduction to Physics III	4	PHYS 430 - Electricity and Magnetism	3
	Upper Div GE Area 3	3	Upper Div GE Area 4	3
	University Electives	2	GWAR Course - PHYS 366 Recommended	3
			University Electives	1
	TOTAL UNITS	15	TOTAL UNITS	15
YEAR 4	PHYS 381 - Computer Applications for Scientists	2	PHYS 340 - Light and Optics (GE Area 5)	3
	PHYS 491 - Capstone	1	PHYS 460 - Quantum Physics	3
	University Electives	11	ASTR 380 - Astrophysics: Stars	3
			University Electives	6
	TOTAL UNITS	15	TOTAL UNITS	15