

B.Sc. MAJOR in ASTROPHYSICS

Program Requirements

2017-18
Calendar

English 3 credit hr	Humanities 3 credit hr	Arts/ECON 12 credit hr	Electives 21 credit hr	MATH/CSCI 6 credit hr	Science Breadth 18 credit hr	MAJOR Subject Area ASTR (18) + PHYS (39) Total 57 credit hr	
ENGL 1205				MATH 1210 Intro Calculus I	***	ASTR 1100 Intro to Astrophysics	PHYS 1210 (1100) Univ. Physics I
				MATH 1211 Intro Calculus II	***	ASTR 2100 Foundations of Astrophysics	PHYS 1211 (1101) Univ. Physics II
					***	ASTR 2400 Physics of Stars	PHYS 1500 Intro. Modern Phys.
				MATH 2311 Intermediate Calculus		ASTR 3400 Interstellar Matter & Stellar Evolution	PHYS 2300 Vibrations Waves Optics
				MATH 2301 Applied Linear Algebra		ASTR 3500 Galaxies and Cosmology	PHYS 2301 Analytical Mechanics
				MATH 2303 Differential Equations I		ASTR 4200 or 4600 Observational Astronomy or High-Energy Astrophysics	PHYS 2400 Electricity & Magnetism
							PHYS 3200 Math Methods in Phys. I
							PHYS 3201 Math Methods in Phys. II
							PHYS 3300 Classical Mechanics
							PHYS 3500 Quantum Mechanics I
							PHYS 3350 Thermal Physics
							PHYS 3400 Electrodynamics
							PHYS 4500 Quantum Mechanics II

NOTES:

*** Recommended: CSCI 1226, CHEM 1210, CHEM 1211

LIGHT GRAY = suggested schedule for Year1
 DARK GRAY = suggested schedule for Year2

A minimum GPA of 2.2 is required in the Major Subject Area courses

Every effort is made to ensure that the information summarized here is accurate. Students are reminded that the University Academic Calendar is the official source of Program information.