Honors Astrophysics Requirements (78)

Foundation Courses	. ,
 MATH 144 - Calculus for the Mathematical and Physical Sometimes MATH 146 - Calculus for the Mathematical and Physical Sometimes PHYS 144 - Newtonian Mechanics PHYS 181 - Relativity, Electricity and Magnetism 	
3 units from: MATH 125 - Linear Algebra I MATH 127 - Honors Linear Algebra I Senior Courses ASTRO 320 - Stellar Astrophysics I ASTRO 322 - Galactic and Extragalactic Astrophysics MA PH 251 - Differential Equations for Physics (see Note 1) MA PH 351 - Mathematical Methods for Physics I (see Note 1) MATH 214 - Calculus III PHYS 234 - Introductory Computational Physics PHYS 244 - Classical Mechanics I PHYS 271 - Introduction to Modern Physics PHYS 295 - Experimental Physics I PHYS 310 - Thermodynamics and Kinetic Theory PHYS 311 - Statistical Physics PHYS 372 - Quantum Mechanics A PHYS 381 - Electromagnetic Theory I PHYS 499 - Undergraduate Research Project 3 units from: MATH 225 - Linear Algebra II MATH 227 - Honors Linear Algebra II MATH 227 - Honors Linear Algebra II PHYS 362 - Optical Physics	•
6 units from: ASTRO at the 400-level 9 units from: ASTRO at the 400-level PHYS 420 - Computational Physics PHYS 458 - Special and General Relativity PHYS 467 - Fundamentals of Continuum Mechanics PHYS 472 - Quantum Mechanics B PHYS 481 - Electromagnetic Theory II PHYS 485 - Introductory Particle Physics	COMM COMM IND BO BO BSBS BSFS BSSS BSSS