Sample schedule for BS in astronomy for transfer students

This sample schedule assumes that the student has already taken the equivalent of MATH 113, 114, 213, 214; PHYS 160, 161, 260, 261 and has completed the lower-level Mason core requirements.

This sample schedule is for the case that fall of year 1 is an even year. This distinction is necessary because some of the upper-level astronomy courses are offered every other year. You can find the course offerings for future semesters here: http://physics.gmu.edu/~joe/course-schedule.pdf

Number of credits in parentheses. Courses designated “Elective” are entirely at the student's discretion. At least 45 credits must be upper-level (300 or above). This sample schedule satisfies this requirement, assuming at least one elective is upper-level. Beyond the core astronomy, physics, and math courses, an additional 21 credits of astronomy and physics are required. In this sample schedule, these are ASTR 404, 408, 420, 480 and PHYS 312, 402, 428. There are other possibilities.

Fall of Year 1 (15)

ASTR 328	(3)	Stars
PHYS 251	(3)	Intro to Computer Techniques in Physics
PHYS 262	(3)	University Physics III
PHYS 301	(3)	Analytical Methods of Physics
PHYS 303	(3)	Classical Mechanics

Spring of Year 1 (16)

ASTR 124	(1)	Introduction to Observational Astronomy
ASTR 210	(3)	Introduction to Astrophysics
ASTR 404	(3)	Galaxies and Cosmology
Elective	(3)	
Elective	(3)	

Fall of Year 2 (16)

ASTR 401	(3)	Computer Simulation in Astronomy
ASTR 402	(4)	Methods of Observational Astronomy
ASTR 408	(3)	Senior Research
ENGH 302	(3)	Advanced Composition
PHYS 305	(3)	Electromagnetic Theory

Spring of Year 2 (15)

ASTR 420	(3)	Exoplanets
ASTR 480	(3)	The Interstellar Medium
PHYS 312	(3)	Waves and Optics
PHYS 402	(3)	Quantum Mechanics
PHYS 428	(3)	Relativity