

2011-2012 Flowchart

Space Sciences – Astronomy and Astrophysics (7136)

	(Cr)	<u>Semester</u>	<u>Grade</u>
<u>Freshman Year</u>			
Fall			
ASC1000 University Experience	(1)	_____	_____
CHM 1101 Chemistry 1	(4)	_____	_____
COM 1101 Comp and Rhetoric	(3)	_____	_____
MTH 1001 Calculus 1	(4)	_____	_____
PHY 1050 PHSS Seminar	(1)	_____	_____
SPS 1020 Intro to Space Sci	(3)	_____	_____
	16		

Spring			
CHM 1102 Chemistry 2	(4)	_____	_____
MTH 1002 Calculus 2	(4)	_____	_____
PHY 1001 Physics 1	(4)	_____	_____
PHY 2091 Physics Lab 1	(1)	_____	_____
SPS 1010 Intro to Astronomy	(3)	_____	_____
	16		

<u>Sophomore Year</u>			
Fall			
COM 1102 Writing About Lit	(3)	_____	_____
MTH 2001 Calculus 3	(4)	_____	_____
PHY 2002 Physics 2	(4)	_____	_____
PHY 2092 Physics Lab 2	(1)	_____	_____
CSE 15xx Restrictive Elective	(3)	_____	_____
	15		

Spring			
HUM 2051 Civilization 1	(3)	_____	_____
MTH 2201 Diff Eq/Lin Alg	(4)	_____	_____
PHY 2003 Modern Physics	(3)	_____	_____
SPS 2010 Observational Astronomy	(3)	_____	_____
COM 2223 Sci Tech Comm	(3)	_____	_____
	16		

Student's Name _____
 S.S. # _____
 Advisors Signature _____
 Date _____
 Dept. Head's Signature _____

	(Cr)	<u>Semester</u>	<u>Grade</u>
<u>Junior Year</u>			
Fall			
HUM 2052 Civilization 2	(3)	_____	_____
PHY 3011 Physical Mech	(4)	_____	_____
PHY 3060 Therm, Kin, Stat	(4)	_____	_____
SPS 3020 Mth & Instrumentation	(3)	_____	_____
MTH 3xxx Restrictive Elective	(3)	_____	_____
	17		

Spring			
MTH 3210 Intro to PDE & Apps	(3)	_____	_____
PHY 3035 Quantum Mechanics	(4)	_____	_____
PHY 3440 Electromagnetic Theory	(3)	_____	_____
SPS 3030 Orbital Mechanics	(3)	_____	_____
Free Elective	(3)	_____	_____
	16		

<u>Senior Year</u>			
Fall			
MAE 3061 Fluid Mechanics 1	(3)	_____	_____
or OCE 3030 Fluid Mechanics			
PHY 4020 Optics	(3)	_____	_____
PHY 4021 Exp in Optics	(1)	_____	_____
SPS 4010 Astrophysics 1	(3)	_____	_____
SPS 4200 Senior Seminar 1 (Q)	(1)	_____	_____
Humanities Elective	(3)	_____	_____
Tech Elect/Undergrad Rsch	(3)	_____	_____
	17		

Spring			
SPS 4020 Astrophysics 2	(3)	_____	_____
SPS 4025 Int Sps Plasma Phy	(3)	_____	_____
or SPS 4035 Comparative Planetology			
SPS 4110 Senior Lab	(2)	_____	_____
SPS 4210 Senior Seminar 2(Q)	(1)	_____	_____
Social Science Elective	(3)	_____	_____
Tech Elect/Undergrad Rsch	(3)	_____	_____
	15		

Total Credits Required: 128