

2012-2013 Flowchart

Astronomy and Astrophysics (7136)

	(Cr)	<u>Semester</u>	<u>Grade</u>
<u>Freshman Year</u>			
Fall			
ASC 1000 University Exp	(1)	_____	_____
CHM 1101 Chemistry 1	(4)	_____	_____
COM 1101 Comp and Rhet	(3)	_____	_____
MTH 1001 Calculus 1*	(4)	_____	_____
PHY 1050 PHSS Seminar	(1)	_____	_____
SPS 1020 Intro to Space Sci	(3)	_____	_____
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Spring			
CHM 1102 Chemistry 2	(4)	_____	_____
MTH 1002 Calculus 2	(4)	_____	_____
SPS 2092 Intro to Astronomy	(3)	_____	_____
PHY 1001 Physics 1	(4)	_____	_____
PHY 2091 Physics Lab 1	(1)	_____	_____
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<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 Rest. Elective	(3)	_____	_____
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Spring			
HUM 2051 Civilization 1	(3)	_____	_____
MTH 2201 Diff Eq/Lin Alg	(4)	_____	_____
PHY 2003 Modern Physics	(3)	_____	_____
COM 2223 Sci/Tech Comm	(3)	_____	_____
SPS 2010 Observ Astronomy	(3)	_____	_____
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Student's Name _____
 Student ID # _____
 Advisor's Signature _____
 Date _____
 Dept. Head's Signature _____

	(Cr)	<u>Semester</u>	<u>Grade</u>
<u>Junior Year</u>			
Fall			
SPS Methods and Instrument	(3)	_____	_____
MTH 3101 Complex Variables	(3)	_____	_____
PHY 3011 Physical Mechanics	(4)	_____	_____
PHY 3060 Thermodynamics, Kinetic Theo, & Statistical Mechanics	(4)	_____	_____
MTH 3xxx Restricted Elective	(3)	_____	_____
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Spring			
MTH 3210 Intro Partial D/EQ	(3)	_____	_____
PHY 3035 Quantum Mech	(4)	_____	_____
SPS Orbital Mechanics	(3)	_____	_____
PHY 3440 Electromag Theory	(3)	_____	_____
Free Elective	(3)	_____	_____
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<u>Senior Year</u>			
Fall			
PHY 4020 Optics	(3)	_____	_____
PHY 4021 Exp in Optics	(1)	_____	_____
Tech Elect/Undergrad Rsch	(3)	_____	_____
PHY 4200 Senior Seminar	(1)	_____	_____
Humanities Elective	(3)	_____	_____
MAE 3161 Fluid Mechanics 1 or OCE 3030 Fluid Mechanics	(3)	_____	_____
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Spring			
SPS 4020 Astrophysics 2	(3)	_____	_____
PHY 4110 Senior Lab	(1)	_____	_____
PHY 4210 Senior Seminar 2(Q)	(1)	_____	_____
Social Science Elective	(3)	_____	_____
Tech Elect/Undergrad Rsch	(3)	_____	_____
SPS 4025 Int Sp Plasma Phy or SPS 4035 Comp Planetology	(3)	_____	_____
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Total Credits Required : 128