

## 2012 – 2013 Flowchart Solar, Earth and Planetary Sciences (7138)

<b>Freshman Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Fall</b>			
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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<b>Freshman Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Spring</b>			
CHM 1102 Chemistry 2	(4)	_____	_____
MTH 1002 Calculus 2	(4)	_____	_____
PHY 1001 Physics 1	(4)	_____	_____
PHY 2091 Physics Lab 1	(1)	_____	_____
SPS 2092 Intro Astronomy	(3)	_____	_____
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<b>Sophomore Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Fall</b>			
COM 1102 Writing about Lit	(3)	_____	_____
MTH 2001 Calculus 3	(4)	_____	_____
PHY 2002 Physics 2	(4)	_____	_____
PHY 2092 Physics Lab 2	(1)	_____	_____
Rest Elec CSE 15xx	(3)	_____	_____
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<b>Sophomore Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Spring</b>			
HUM 2051 Civilization 1	(3)	_____	_____
MTH 2201 Diff Eq/Lin Alg	(4)	_____	_____
PHY 2003 Modern Physics	(3)	_____	_____
SPS 2010 Observ Astronomy	(3)	_____	_____
Free Elective	(3)	_____	_____
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<b>Junior Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Fall</b>			
PHY 3011 Physical Mechanics	(4)	_____	_____
PHY 3060 Thermodynamics, Kinetic Theory and Statistical Mechanics	(4)	_____	_____
SPS 3010 Geophysics	(3)	_____	_____
SPS 3040 Fund Remote Sensing or MET 4233 Rem Sens Meteor. or OCN 4704 Rem Sens Ocean.	(3)	_____	_____
HUM 2052 Civilization 2	(3)	_____	_____
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<b>Junior Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Spring</b>			
COM 2223 Sci/Tech Comm	(3)	_____	_____
MTH 3210 Intro Partial Diff Eqns	(3)	_____	_____
PHY 3152 Electric Meas Tech	(4)	_____	_____
PHY 3440 Electromag Theory	(3)	_____	_____
SPS 3030 Orbital Mechanics	(3)	_____	_____
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<b>Senior Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Fall</b>			
MAE 3161 Fluid Mechanics 1 or OCE 3030 Fluid Mechanics	(3)	_____	_____
PHY 4020 Optics	(3)	_____	_____
PHY 4021 Exp in Optics	(1)	_____	_____
SPS 4010 Astrophysics 1	(3)	_____	_____
PHY 4200 Senior Seminar 1 (Q) Humanities Elective	(1)	_____	_____
Tech Elect/Under Res	(3)	_____	_____
	17		

<b>Senior Year</b>	<b>(Cr)</b>	<b>Sem</b>	<b>Grade</b>
<b>Spring</b>			
SPS 4025 Intr Space Plasma Phy or SPS 4035 Comp Planetology	(3)	_____	_____
SPS 4030 Physics of Atmosphere	(3)	_____	_____
SPS 4110 Senior Lab	(2)	_____	_____
SPS 4210 Senior Seminar 2 (Q) Social Science Elect	(1)	_____	_____
Tech Elect/Under Res	(3)	_____	_____
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**Student's Name** \_\_\_\_\_

**Student ID #** \_\_\_\_\_

**Advisor's Signature** \_\_\_\_\_

**Date** \_\_\_\_\_

**Dept. Head's Signature** \_\_\_\_\_

Total Credits Required 128