

## 2013-2014 Flowchart Astronomy and Astrophysics (7136)

### Freshman Year

Fall			Cr.	Sem.	Grade
ASC	1000	University Exp.	(1)	_____	_____
CHM	1101	Chemistry 1	(4)	_____	_____
COM	1101	Comp and Rhet	(3)	_____	_____
MTH	1001	Calculus 1*	(4)	_____	_____
PHY	1050	PSS Seminar	(1)	_____	_____
SPS	1020	Intro to Space Sci*	(3)	_____	_____
			16		

### Spring

CHM	1102	Chemistry 2	(4)	_____	_____
COM	1102	Writing about Lit	(3)	_____	_____
MTH	1002	Calculus 2	(4)	_____	_____
PHY	1001	Physics 1	(4)	_____	_____
PHY	2091	Physics Lab 1	(1)	_____	_____
			16		

### Sophomore Year

Fall			Cr.	Sem.	Grade
HUM	2051	Civilization 1	(3)	_____	_____
MTH	2001	Calculus 3	(4)	_____	_____
PHY	2002	Physics 2	(4)	_____	_____
PHY	2092	Physics Lab 2	(1)	_____	_____
CSE	15xx	Rest Elective	(3)	_____	_____
			15		

### Spring

COM	2223	Sci Tech Comm	(3)	_____	_____
MTH	2201	Diff Eq/Lin Alg	(4)	_____	_____
PHY	2003	Modern Physics	(3)	_____	_____
SPS	2010	OBS Astronomy	(3)	_____	_____
		Hum Core Course	(3)	_____	_____
			16		

### Junior Year

Fall			Cr.	Sem.	Grade
PHY	3011	Physical Mech	(4)	_____	_____
PHY	3060	Thermodynamics	(4)	_____	_____
SPS	3020	Methods and Inst	(3)	_____	_____
MTH	3xxx	Rest Elective	(3)	_____	_____
		Hum Elective	(3)	_____	_____
			17		

### Spring

MTH	3210	Intro PDE	(3)	_____	_____
PHY	3035	Quantum Mech	(4)	_____	_____
PHY	3440	EM Theory	(3)	_____	_____
SPS	3030	Orbital Mech	(3)	_____	_____
		HUM Elective	(3)	_____	_____
			16		

### Senior Year

Fall			Cr.	Sem.	Grade
MAE	3161	Fluid Mechanics	OR	_____	_____
OCE	3030	Fluid Mechanics	(3)	_____	_____
PHY	4020	Optics	(3)	_____	_____
PHY	4021	EXP in Optics	(1)	_____	_____
SPS	4010	Astrophysics 1	(3)	_____	_____
SPS	4200	Senior Seminar 1	(1)	_____	_____
SPS	3xxx	Rest Elective	OR	_____	_____
PHY	3xxx	Rest Elective	(3)	_____	_____
		Tech Elective/undergrad Research	(3)	_____	_____

### Spring

SPS	4020	Astrophysics 2	(3)	_____	_____
SPS	4025	Intro Plasma	OR	_____	_____
SPS	4035	Comp Planetology	(3)	_____	_____
SPS	4110	Senior Lab	(2)	_____	_____
SPS	4210	Senior Seminar 2	(1)	_____	_____
		Soc Sci Elective	(3)	_____	_____
		Tech Elective or Undergrad Research	(3)	_____	_____
			15		

**Total Credits Required: 128**

Student's Name \_\_\_\_\_

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

Advisor's \_\_\_\_\_

Signature \_\_\_\_\_

Dept. Head's \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_