

## 2010-2011 Flowchart

### Pre-professional Physics (7135)

<u>Freshman Year</u>	<u>(Cr)</u>	<u>Semester</u>	<u>Grade</u>
<b>Fall</b>			
BIO 1010 Biological Disc 1	(4)	_____	_____
CHM 1101 Chemistry I	(4)	_____	_____
COM 1101 Comp and Rhet	(3)	_____	_____
MTH 1001 Calculus 1	(4)	_____	_____
PHY 1050 PHSS Seminar	(1)	_____	_____
ASC 1000 University Exp	(1)	_____	_____
	17		

<b>Spring</b>			
BIO 1020 Biological Disc 2	(4)	_____	_____
BIO 1200 Intro Health Prof	(1)	_____	_____
CHM 1102 Chemistry 2	(4)	_____	_____
PHY 1001 Physics 1	(4)	_____	_____
MTH 1002 Calculus 2	(4)	_____	_____
	17		

<u>Sophomore Year</u>	<u>(Cr)</u>	<u>Semester</u>	<u>Grade</u>
<b>Fall</b>			
COM 1102 Writing About Lit	(3)	_____	_____
PHY 2002 Physics 2	(4)	_____	_____
PHY 2091 Physics Lab 1	(1)	_____	_____
MTH 2001 Calculus 3	(4)	_____	_____
CHM 2001 Organic Chem 1	(3)	_____	_____
CHM 2011 Org Chem Lab 1	(2)	_____	_____
	17		

<b>Spring</b>			
CHM 2002 Organic Chem 2	(3)	_____	_____
CHM 2012 Org Chem Lab 2	(2)	_____	_____
PHY 2003 Modern Physics	(3)	_____	_____
COM 2223 Sci Tech Comm	(3)	_____	_____
MTH 2201 Diff Eq/Lin Alg	(4)	_____	_____
PHY 2092 Physics Lab 2	(1)	_____	_____
	16		

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

<u>Junior Year</u>	<u>(Cr)</u>	<u>Semester</u>	<u>Grade</u>
<b>Fall</b>			
HUM 2051 Civilization 1	(3)	_____	_____
MTH 3201 Bound Val Probs	(3)	_____	_____
PHY 3011 Physical Mech	(4)	_____	_____
PHY 3060 Therm, Kin, Stat	(4)	_____	_____
Technical Elective	(3)	_____	_____
	17		

<b>Spring</b>			
HUM 2052 Civilization 2	(3)	_____	_____
PHY 3035 Quantum Mech	(4)	_____	_____
PHY 3152 Elect Meas Tech	(4)	_____	_____
PHY 3440 Electromag Theo	(3)	_____	_____
Technical Electives	(3)	_____	_____
	17		

<u>Senior Year</u>	<u>(Cr)</u>	<u>Semester</u>	<u>Grade</u>
<b>Fall</b>			
PHY 4020 Optics	(3)	_____	_____
PHY 4021 Exp in Optics	(1)	_____	_____
PHY 4033 Int Solid State Phy	(3)	_____	_____
or Technical Elective			
or Undergraduate Research			
PHY 4200 Senior Seminar 1	(1)	_____	_____
Humanities Elective	(3)	_____	_____
Technical Elective	(3)	_____	_____
	14		

<b>Spring</b>			
CSE 1301 Intro Comp Apps	(3)	_____	_____
PHY 4030 Int Subatm Part	(3)	_____	_____
or Technical Elective			
PHY 4071 Senior Lab	(2)	_____	_____
PHY 4210 Senior Seminar 2	(1)	_____	_____
Social Science Elective	(3)	_____	_____
Technical Elective	(3)	_____	_____
	15		

**Total Credits Required: 130**