

2009-2010 Flowchart

Pre-professional Physics (7135)

(Cr) Semester Grade

Freshman Year

Fall

BIO 1010 Biological Disc 1 (4) _____
 CHM 1101 Chemistry 1 (4) _____
 COM 1101 Comp and Rhet (3) _____
 MTH 1001 Calculus 1 (4) _____
 PHY 1050 PHSS Seminar (1) _____
 ASC 1000 University Exp (1) _____
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Spring

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) _____
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Sophomore Year

Fall

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) _____
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Spring

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) _____
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Student's Name _____

S.S. # _____

Advisors Signature _____

Date _____

Dept. Head's Signature _____

(Cr) Semester Grade

Junior Year

Fall

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) _____
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Spring

HUM 2052 Civilization 2 (3) _____
 PHY 3035 Quantum Mech (4) _____
 PHY 3152 Elect Meas Tech (4) _____
 PHY 3440 Electromag Theo (3) _____
 Technical Electives (3) _____
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Senior Year

Fall

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) _____
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Spring

CSE 1301 Intro Comp Apps (3) _____
 PHY 4030 Int Subatomic Phy (3) _____
 or Technical Elective
 PHY 4071 Senior Lab (2) _____
 PHY 4210 Senior Seminar 2 (1) _____
 Social Science Elective (3) _____
 Technical Elective (3) _____
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Total Credits Required: 130