

**Department of Physics and Mathematics Advisement/Senior Standing Form**  
**B.S. Degree in Physics**

This form must be filed by each student major in consultation with the departmental advisor early in the semester before the semester of graduation. The original and a copy of this form must be submitted to the Dean's office, along with the Application for Graduation form and an up-to-date transcript. If the student does not graduate in that semester, he or she must refile in the next semester.

Name \_\_\_\_\_ Soc. Sec. No. \_\_\_\_\_

Home Address \_\_\_\_\_  
 \_\_\_\_\_ (Street) \_\_\_\_\_ (City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip)

Local Address \_\_\_\_\_  
 \_\_\_\_\_ (Street) \_\_\_\_\_ (City) \_\_\_\_\_ (State) \_\_\_\_\_ (Zip)

Home Telephone Number ( ) \_\_\_\_\_ Local Telephone Number \_\_\_\_\_

Gender: Male \_\_\_\_\_ Female \_\_\_\_\_ Race: Black \_\_\_\_\_ White \_\_\_\_\_ Other \_\_\_\_\_

<b>General Education Core (50 hours)</b>			<b>Grades</b>	<b>To Be Completed</b>
Freshman English (Min. grade of C)	(6)	ENG 101, 102	_____	_____
Sophomore Literature	(6)	ENG 211, 212	_____	_____
American History	(6)	HIST 201, 202	_____	_____
Social Science	(3)	_____	_____	_____
Calculus I & II	(8)	MATH 163A,164A	_____	_____
Chemistry or Biology & Labs	(4,4)	_____	_____	_____
Logic and Critical Thinking	(3)	PHIL 250	_____	_____
Humanities	(2,2)	_____	_____	_____
Public Speaking	(3)	SPCH 220 or 230	_____	_____
Orientation for Science Majors	(1)	ASOR 100A	_____	_____
Physical Education or AERO or MUS 306A	(1,1)	_____	_____	_____

<b>Major Core - Physics (39+ Hours-Minimum Grades of C)</b>			<b>Grades</b>	<b>To Be Completed</b>
General Physics I, II & Laboratory	(4,4)	PHY 221, 221L, PHY 222, 222L	_____	_____
General Physics III	(3)	PHY 223	_____	_____
Electricity and Magnetism I and II	(3,3)	PHY 311, 312	_____	_____
Heat & Thermodynamics	(3)	PHY 320	_____	_____
Mechanics	(3)	PHY 321	_____	_____
Advanced Physics Laboratory I, II	(2,2)	PHY 331-332 or PHY 341-342	_____	_____
Solid State Physics	(3)	PHY 361	_____	_____
Introduction to Quantum Mechanics	(3)	PHY 410	_____	_____
Modern Physics	(3)	PHY 412	_____	_____
Senior Project	(3)	PHY 450	_____	_____
Physics or Astronomy Elective	(3)	_____	_____	_____

**Major Core - Other Required Courses (24 Hours)**

**Grades**

**To Be Completed**

Computer Laboratory	(3)	CS 210	_____	_____
Computer Programming I, II	(3,3)	CS 211, 212	_____	_____
Calculus III	(3)	MATH 263A	_____	_____
Technical Report Writing	(3)	ENG 310E	_____	_____
Applied Mathematics	(3)	MATH 303	_____	_____
Intermediate Analysis	(3)	MATH 351	_____	_____
Linear Algebra	(3)	MATH 361	_____	_____

**Electives and/or Additional Courses for a Minor in \_\_\_\_\_ (18 hours for minor)**

Elective 100 or 200 level	(3)	_____	_____	_____
Elective 100 or 200 level	(3)	_____	_____	_____
Computer Science Elective, any Level	(3)	CS	_____	_____
Out-of-college Elective (see advisor)	(3)	_____	_____	_____
Out-of-college Elective (see advisor)	(3)	_____	_____	_____
Elective 300 or 400 level	(3)	_____	_____	_____
Elective 300 or 400 level	(3)	_____	_____	_____
Elective 300 or 400 level	(3)	_____	_____	_____
Elective 300 or 400 level	(3)	_____	_____	_____

Total Upper-Level Hours Completed \_\_\_\_\_ To Be Completed \_\_\_\_\_  
(48 necessary for graduation)

Total Hours Completed Toward Degree \_\_\_\_\_ To Be Completed \_\_\_\_\_  
(130 necessary for graduation, not including remedial/developmental hours.)

Cumulative quality-point average on college-level work \_\_\_\_\_  
(Must be a minimum of 2.0, not including remedial/developmental hours)

Senior Project: \_\_\_\_\_ Completed \_\_\_\_\_ Will complete this semester

ACT-COMP Exam \_\_\_\_\_ Taken during current academic year (since last June 1)  
\_\_\_\_\_ Will take this semester

I affirm that I have examined all of the information on this form and find it correct. I understand that if I change my program of studies or do not pass all of my courses or do not remove all incompletes from my record, I may not graduate next semester. I also understand that if I do not complete graduation requirements then, I will have to refile to graduate in subsequent semesters.

\_\_\_\_\_  
Student's Signature Date

Review & Approved: \_\_\_\_\_  
Advisor Date

Review & Approved: \_\_\_\_\_  
Department Head Date

Review & Approved: \_\_\_\_\_  
Dean Date