

**RANDOLPH COLLEGE**

**Declaration of Major \_\_\_\_\_ or Application for Graduation \_\_\_\_\_ (check one) Form**

A Major is declared in the sophomore year prior to the spring advising period. An Application for Graduation for each major is due in the junior year prior to the end of the spring semester. Once you declare your major, update this sheet each semester to keep track of your requirements and be ready to apply for graduation.

NAME \_\_\_\_\_ (Last) \_\_\_\_\_ (First) \_\_\_\_\_ (Mid. Initial) Grad. Year \_\_\_\_\_

**Physics Major – BS**

**2011-12 Catalog**

Courses	Course Title	Cr. Hrs.	Course Selected	Semester of Enrollment	Grade
PHYS 115	General Physics	3			
PHYS 115L	General Physics Lab	1			
PHYS 116	General Physics	3			
PHYS 116L	General Physics Lab	1			
PHYS 251	Relativity & Intro to Quantum Mech	3			
PHYS 252	Quantum Mechanics I	3			
MATH 149	Calculus I	3			
MATH 150	Calculus II	3			
PHYS 331	Electronics Laboratory	3			
PHYS 332	Advanced Physics Laboratory	3			
PHYS 341	Classical Mechanics I	3			
PHYS 361	Electromagnetic Theory I	3			
MATH 250	Calculus III	3			
MATH 331	Differential Equations	3			
CHEM 105	General Chemistry	3			
CHEM 105L	General Chemistry Lab	1			
CHEM 106	General Chemistry	3			
CHEM 106L	General Chemistry Lab	1			
MATH 241	Linear Algebra	3			
PHYS 351	Thermodynamics & Stat Mechanics	3			
PHYS 371	Topics in Theoretical Physics	3			
PHYS 474	Quantum Mechanics II	3			
<i>One of the following:</i>		3	*		
MATH 420	Numerical Analysis				
Any Computer Science Course					
<i>Senior Program:</i>					
PHYS 493, 494	Senior Research	4			
<b>Total for BS in Physics</b>		<b>65</b>			

**\*Specify the course you are using to fulfill the requirement. Also use this space to list transfer courses or another course you are being allowed to substitute. Note: The Request for Substitution of Major Requirement Form must be completed for substituted courses.**

I am aware of the specific requirements for this major and recognize that I must complete all requirements with a minimum QPR of 2.0 (rounded). I understand that I am responsible for completing successfully all courses, for determining that scheduling will allow me to fulfill requirements, including the senior program, and for obtaining approval for any courses taken at another institution.

Signature of Student \_\_\_\_\_ Date \_\_\_\_\_

**For Declaration of Major:** Successful completion of this program satisfies major requirements.

Department Chair/Program Coordinator \_\_\_\_\_ Advisor will be \_\_\_\_\_

**For Application for Graduation:** Successful completion of this program satisfies major requirements.

Major Advisor \_\_\_\_\_ Date \_\_\_\_\_