

RANDOLPH COLLEGE

Declaration of Major

ID:

NAME:
(Last, First, Middle Initial)

Grad Month:

Grad Year:

Physics Major – BS		2020-21 Catalog		
Courses	Course Title	Course Hours	Semester of Enrollment	Grade
Required:				
PHYS 115	General Physics	4		
PHYS 115L	General Physics Lab	1		
PHYS 116	General Physics	4		
PHYS 116L	General Physics Lab	1		
PHYS 251	Relativity & Intro to Quantum Mech	3		
PHYS 302	Quantum Mechanics I	3		
PHYS 341	Classical Mechanics I	3		
PHYS 361	Electromagnetic Theory I	3		
MATH 250	Calculus III	3		
MATH 331	Differential Equations			
OR		3		
PHYS 301S	Differential Equations for Scientists and Engineers			
CHEM 105	General Chemistry	3		
CHEM 105L	General Chemistry Lab	1		
PHYS/CHEM 378	Classical & Statistical Thermodynamics	3		
MATH 241	Linear Algebra	3		
PHYS 331	Electronics Laboratory	3		
PHYS 332	Advanced Physics Laboratory	3		
PHYS 371	Topics in Theoretical Physics	3		
PHYS 474	Quantum Mechanics II	3		
Any Computer Science Course		3		
Senior Program				
PHYS 494	Senior Research	1 or 3 ¹		
PHYS 495	Seminar I	0.5		
PHYS 496	Seminar II	0.5		
Total for BS in Physics		55 or 57		

¹If the majority of senior research is completed in an approved summer research program then the student only needs one credit of PHYS 494 during the academic year.

*Specify the courses you are using to fulfill the requirement, transfer courses or another course you are being allowed to substitute. Note: The Request for Substitution of Major/Minor Requirement Form must be completed for substituted courses.

I understand that I am responsible for successfully completing all courses listed by the end of my final year with a minimum GPA of 2.0 (rounded), for determining that scheduling will allow me to fulfill requirements, and for obtaining approval for any courses taken at another institution to count toward the major.

Signature of Student

Date

For Declaration of Major: Successful completion of the courses listed above satisfies major requirements.

Department Chair/Program Coordinator

Advisor will be