

RANDOLPH COLLEGE**Declaration of Major****ID:**

NAME:

(Last, First, Middle Initial)

Grad Month:

Grad Year:

| Physics Major – BA | | 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 | | | |
| One of the following:* | | 3 | | |
| PHYS 331 | Electronics Laboratory | | | |
| PHYS 332 | Advanced Physics Laboratory | | | |
| Senior Program | | | | |
| PHYS 494 | Senior Research | 1 or 3 ¹ | | |
| PHYS 495 | Seminar I | 0.5 | | |
| PHYS 496 | Seminar II | 0.5 | | |
| Total for BA in Physics | | 33 or 35 | | |

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