

- - - - - REQUIREMENTS FOR B.S. PHYSICS MAJOR - - - - -

You must complete the following requirements:

- A. **1. INTRODUCTORY Courses:** PHYS 201, 202; or HONS 157, 158.
- 2. CORE Courses:** PHYS 301, 330, 370, 403, 409, 419, 420 or 499.
- B. **ADDITIONAL ELECTIVES:** At least an additional 15 hours as follows:
 - 1. Choose from PHYS 302, 306, 307, 308, 310, 311, 320, 331, 390, 404, 407, 408, 410, 412, 413, 415, 456, 457; ENGR 200-299.
 - 2. **NOTE:** A maximum of 3 hours can be taken from ENGR 200-299.
- C. **DEPARTMENTAL NOTES:**
 - 1. CSCI 220 or its equivalent is strongly recommended.
 - 2. **MATHEMATICS Requirement:** MATH 120, 220, 221, 323 are required through prerequisites and/or co-requisites.
 - 3. **Major Course Substitutions:**
 - a. With departmental approval, PHYS 101, 102, associated labs, together with one year of Calculus may replace PHYS 201 and 202.
 - b. With departmental approval, PHYS 499 may be substituted for PHYS 420 and may count toward required hours in Physics.
 - 4. **ASTRONOMY CONCENTRATION Requirements:** Include the following elective courses to fulfill the requirements for the Astronomy Concentration:
 - 1. **ASTRONOMY CORE Courses:** PHYS 206, 311.
 - 2. **ASTRONOMY Electives:** Complete at least 4 courses from GEOL 206; PHYS 205, 298, 301, 306, 390, 399, 412, 413, 420, 499.
 - 3. **DEPARTMENTAL NOTES:**
 - a. PHYS 298, 390, 399, 412, 420, 499 must include astronomy.
 - b. PHYS 390, 412 must be taken for a minimum of 3 hours each to count towards the minor.
 - c. All courses must be approved by your advisor and the astronomy program director.
 - d. If core courses are not offered in a two-year period, PHYS 129 and 130 (Astronomy I and II) can be used as core courses with departmental approval.
- D. A minimum of 15 hours from PHYS courses 200 level or higher must be taken in residence at the College of Charleston.

- - - - - PHYS Major GPA Requirement - - - - -

You must achieve a minimum cumulative GPA of 2.00 in major area courses: (PHYS 100-499; ENGR 100-499).

<u>Course</u>	<u>Major Grade</u>	<u>Major Quality Hours</u> (MQHRs)	<u>Major Hours Earned</u> (MEHRS)	<u>Grade Points</u> (MQPTs)
PHYS 201	_____	_____	_____	_____
PHYS 202	_____	_____	_____	_____
PHYS 301	_____	_____	_____	_____
PHYS 310	_____	_____	_____	_____
PHYS 311	_____	_____	_____	_____
PHYS 330	_____	_____	_____	_____
PHYS 370	_____	_____	_____	_____
PHYS 403	_____	_____	_____	_____
PHYS 409	_____	_____	_____	_____
PHYS 419	_____	_____	_____	_____
PHYS 420	_____	_____	_____	_____
PHYS _____	_____	_____	_____	_____
PHYS _____	_____	_____	_____	_____
Totals	_____	_____	_____	_____

Current GPA in PHYS-BS = $\frac{\text{QPTS}}{\text{QHRS}}$ _____

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This page maintained is by the [Academic Advising and Planning Center](#), Myra Whittemore
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