BACHELOR OF SCIENCE (B.S.) MAJOR IN PHYSICS (TEACHER CERTIFICATION IN PHYSICS/MATHEMATICS, GRADES 7-12)

Minimum Required: 126-128 semester credit hours

Admission Requirement
1. All students pursuing teacher certification must apply and be accepted to the Office of Educator Preparation (http://mycatalog.txstate.edu/undergraduate/education/office-of-educator-preparation).

General Requirements
1. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
2. A minor in Secondary Education is required.
3. In addition to the major, minor and general education core curriculum requirements, students must also complete 21 hours of professional sequence courses under the College of Education. All coursework must be completed prior to EDST 4681.
4. To satisfy graduation requirements for teacher certification, students must have at least a 2.75 Overall GPA. A GPA of at least 2.50 in all assigned courses in the professional sequence with no grade below a "C".
5. Majors must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
6. Nine semester credit hours must be writing intensive (WI).
7. If two years of the same foreign language were taken in high school, then no additional language hours will be required for the degree. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.

Course Requirements

<table>
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<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
<th>Hours</th>
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<tbody>
<tr>
<td>PHYS 2425</td>
<td>4</td>
<td>PHYS 3320</td>
<td>3</td>
</tr>
<tr>
<td>MATH 3373</td>
<td>3</td>
<td>MATH 3323</td>
<td>3</td>
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<tr>
<td>CHEM 1141</td>
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<td>PHYS 3312</td>
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<td>CHEM 1335</td>
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<td>PHYS 2150</td>
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<tr>
<td>PHIL 1305 or 1320</td>
<td>3 ENG  literature (Component Area Option Code 090/094)</td>
<td>3</td>
<td>ART 2313, DAN 2313, MU 2313, or TH 2313 (Creative Arts Component Code 050)</td>
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<tr>
<td>Upper Division</td>
<td>3-4 PHYS Upper Division Lab or PHYS elective</td>
<td>3-4 MATH 3315</td>
<td>3</td>
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<tr>
<td>Social &amp; Behavioral Sciences Component Code 080</td>
<td>3 CI 4332</td>
<td>3 MATH 4304</td>
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Bachelor of Science (B.S.) Major in Physics (Teacher Certification in Physics/Mathematics, Grades 7-12)

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Hours</th>
<th>Second Semester</th>
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<tr>
<td>PHYS 4312</td>
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<td>EDST 4681</td>
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<td>RDG 3323</td>
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<td>CI 4343</td>
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</tbody>
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Total Hours: 126-128

1 Upper Division Lab: PHYS 3411, PHYS 3416, PHYS 3417.
The Undergraduate Advisor invites students to propose substituting PHYS 4321 for one required advanced course.