UNDERGRADUATE STUDY IN PHYSICS

Minor

• Minor in Physics (http://www.catalog.gatech.edu/programs/minor-physics)

Bachelor's Degrees

• Bachelor of Science in Applied Physics (http://www.catalog.gatech.edu/programs/applied-physics-bs)
• Bachelor of Science in Physics (http://www.catalog.gatech.edu/programs/physics-bs)

Certificate in Astrophysics

For the Astrophysics Certificate, the following lists the required and optional courses.

Required Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 2021</td>
<td>Introduction to Astronomy I</td>
<td>3</td>
</tr>
<tr>
<td>or PHYS 2022</td>
<td>Introduction to Astronomy II</td>
<td></td>
</tr>
<tr>
<td>PHYS 3021</td>
<td>Nuclear Astrophysics and Stellar Evolution</td>
<td>3</td>
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</table>

Optional Courses

Select at least two of the following:

<table>
<thead>
<tr>
<th>Course</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>PHYS 4261</td>
<td>Atomic Physics</td>
<td></td>
</tr>
<tr>
<td>PHYS 4801</td>
<td>Special Topics (if approved by the Chair)</td>
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</tr>
<tr>
<td>PHYS 4699</td>
<td>Undergraduate Research (if approved by the Chair)</td>
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</table>

Total Credit Hours: 12

Courses Offered at Georgia State

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ASTRO 3500</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>ASTRO 4000</td>
<td></td>
<td>3</td>
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