ASTRONOMY, BSLAS

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Astronomy

department website: https://astro.illinois.edu/
department faculty: Astronomy Faculty (https://astro.illinois.edu/
directory/faculty/)

overview of college admissions & requirements: Liberal Arts &
Sciences (http://catalog.illinois.edu/schools/las/academic-units/)
college website: https://las.illinois.edu/
email: astronomy@illinois.edu

The Department of Astronomy also offers a BSLAS in Computer Science
& Astronomy (http://catalog.illinois.edu/undergraduate/eng_las/
computer-science-astronomy-bs/)

for the degree of Bachelor of Science in Liberal Arts & Sciences Major in Astronomy

Departmental distinction: A student majoring in astronomy
may earn distinction or high distinction by attaining a minimum
grade point average of 3.4 or 3.75, respectively, in required major
courses (defined in the table below) taken at UIUC. For highest
distinction, in addition to meeting the minimum requirements for
high distinction, a senior thesis (ASTR 490) must be completed
with strong endorsement by the research supervisor. Questions
about eligibility for distinction status should be directed to an
astronomy advisor before the senior year.

General education: Students must complete the Campus General
Education (https://courses.illinois.edu/gened/DEFAULT/DEFAULT/)
requirements including the campus general education language
requirement.

Minimum required major and supporting course work: Normally
equates to 47-48 hours. Twelve hours of 300- and 400-level in the
major must be taken on this campus.

Minimum hours required for graduation: 120 hours.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTR 210</td>
<td>Introduction to Astrophysics ³</td>
<td>3</td>
</tr>
<tr>
<td>Select three of the following:</td>
<td>9-10</td>
<td></td>
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<tr>
<td>ASTR 404</td>
<td>Stellar Astrophysics</td>
<td></td>
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<tr>
<td>ASTR 405</td>
<td>Planetary Systems</td>
<td></td>
</tr>
<tr>
<td>ASTR 406</td>
<td>Galaxies and the Universe</td>
<td></td>
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<tr>
<td>ASTR 414</td>
<td>Astronomical Techniques</td>
<td></td>
</tr>
<tr>
<td>Select at least 12 hours of 300- or 400-level ASTR or PHYS courses ²,³</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

Supporting Technical Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHYS 211</td>
<td>University Physics: Mechanics</td>
<td>12</td>
</tr>
<tr>
<td>PHYS 212</td>
<td>University Physics: Elec &amp; Mag</td>
<td></td>
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<tr>
<td>PHYS 213</td>
<td>Univ Physics: Thermal Physics</td>
<td></td>
</tr>
<tr>
<td>PHYS 214</td>
<td>Univ Physics: Quantum Physics</td>
<td></td>
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<tr>
<td>MATH 221</td>
<td>Calculus ¹</td>
<td>4</td>
</tr>
</tbody>
</table>

¹ Students without a background in physics or astronomy are encouraged
to take ASTR 121 and ASTR 122 during their freshman year.
² Other 300- or 400-level technical classes, e.g. chemistry, computer
science engineering, or statistics can be substituted with academic
adviser approval.
³ A maximum of 4 hours of credit in ASTR 390 (or equivalent "Independent
Study" course, such as PHYS 497) can be counted towards this
requirement.
⁴ MATH 220 may be substituted for MATH 221. MATH 220 is
appropriate for students with no background in calculus.

Information listed in this catalog is current as of 01/2021