ATMOSPHERIC SCIENCES, BSLAS

for the degree of Bachelor of Science in Liberal Arts and Sciences Major in Atmospheric Sciences

department website: https://atmos.illinois.edu/
department faculty: Atmospheric Sciences Faculty (https://atmos.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: atmos-sci@illinois.edu

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Departmental distinction: Students majoring in Atmospheric Sciences can earn distinction, high distinction, and highest distinction upon graduation. The requirements for these awards are:

For distinction: A minimum cumulative grade point average of 3.3 and have also completed an approved independent study project, approved senior thesis, or approved capstone.
For high distinction: A minimum cumulative grade point average of 3.5 and have also completed an approved independent study project, approved senior thesis, or approved capstone.
For highest distinction: A minimum cumulative grade point average of 3.7 and also completed an approved senior thesis or approved research capstone.

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

Minimum required major and supporting course work: normally equates to 58-59 hours including at least 32 hours in Atmospheric Sciences.

Minimum hours required for graduation: 120 hours.

<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>4</td>
</tr>
<tr>
<td>PHYS 212</td>
<td>University Physics: Elec &amp; Mag</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
<td>3</td>
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<tr>
<td>CHEM 103</td>
<td>General Chemistry Lab I</td>
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<tr>
<td>MATH 220</td>
<td>Calculus</td>
<td>4-5</td>
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<tr>
<td>or MATH 221</td>
<td>Calculus I</td>
<td></td>
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<tr>
<td>MATH 231</td>
<td>Calculus II</td>
<td>3</td>
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<tr>
<td>MATH 241</td>
<td>Calculus III</td>
<td>4</td>
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<tr>
<td>MATH 285</td>
<td>Intro Differential Equations</td>
<td>3</td>
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<tr>
<td>ATMS 201</td>
<td>General Physical Meteorology</td>
<td>3</td>
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<tr>
<td>ATMS 301</td>
<td>Atmospheric Thermodynamics</td>
<td>3</td>
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<tr>
<td>ATMS 302</td>
<td>Atmospheric Dynamics I</td>
<td>3</td>
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<tr>
<td>ATMS 303</td>
<td>Synoptic-Dynamic Wea Analysis</td>
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<td>Radiative Transfer-Remote Sens</td>
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<td>ATMS 305</td>
<td>Computing and Data Analysis</td>
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<td>ATMS 306</td>
<td>Cloud Physics</td>
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<td>ATMS 307</td>
<td>Climate Processes</td>
<td>3</td>
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Information listed in this catalog is current as of 04/2020