# Atmospheric Science Minor

A minor in Atmospheric Science consists of:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AES 103&amp; 103L</td>
<td>ENVIRONMENTAL EARTH SCIENCE and LABORATORY</td>
<td>15</td>
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<tr>
<td>AES 104 &amp; 104L</td>
<td>WEATHER &amp; CLIMATE CHANGE and LABORATORY</td>
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<tr>
<td>AES 212 &amp; 212L</td>
<td>SEVERE WEATHER ANALYSIS and LABORATORY</td>
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<tr>
<td>AES 301</td>
<td>INTRO TO EARTH &amp; ATMOSPHERIC PHYSICS</td>
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</tbody>
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## Required courses:

- AES 103 & 103L: ENVIRONMENTAL EARTH SCIENCE and LABORATORY (15 hours)
- AES 104 & 104L: WEATHER & CLIMATE CHANGE and LABORATORY
- AES 212 & 212L: SEVERE WEATHER ANALYSIS and LABORATORY
- AES 301: INTRO TO EARTH & ATMOSPHERIC PHYSICS

## Elective courses: choose at least 2 courses, minimum of 6 credit hours

- AES 303: CLASSIFICATION & PHYSICAL CAUSES OF CLIMATE
- AES 321: POLLUTION PROBLEMS
- AES 351: DYNAMIC METEOROLOGY
- AES 352: SYNOPTIC METEOROLOGY
- AES 409: SCIENTIFIC PROGRAMMING FOR EARTH & ATMOSPHERIC SCIENTISTS
- AES 410: OPERATIONAL WEATHER FORECASTING
- AES 420: INTRODUCTION TO ATMOSPHERIC CHEMISTRY & AIR POLLUTION
- AES 441: ATMOSPHERIC THERMODYNAMICS & CLOUD PHYSICS
- AES 451: ATMOSPHERIC FLUID DYNAMICS I
- AES 454: FORECASTING MESOSCALE PROCESSES
- AES 461: ATMOSPHERIC RADIATION I
- AES 471: RADAR METEOROLOGY

## Total credit hours:

- 21 credit hours