

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/>)

advising: Atmospheric Sciences advising (<https://atmos.illinois.edu/academics/career-academic-advising/undergraduate-advising/>)

overview of college admissions & requirements: Liberal Arts & Sciences (<http://catalog.illinois.edu/schools/las/>)

college website: <https://las.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.

Code	Title	Hours
PHYS 211	University Physics: Mechanics	4
PHYS 212	University Physics: Elec & Mag	4
CHEM 102	General Chemistry I	3
CHEM 103	General Chemistry Lab I	1
MATH 220 or MATH 221	Calculus Calculus I	4-5
MATH 231	Calculus II	3
MATH 241	Calculus III	4
MATH 285	Intro Differential Equations	3
ATMS 201	General Physical Meteorology	3
ATMS 301	Atmospheric Thermodynamics	3
ATMS 302	Atmospheric Dynamics I	3
ATMS 303	Synoptic-Dynamic Wea Analysis	4
ATMS 304	Radiative Transfer-Remote Sens	3
ATMS 305	Computing and Data Analysis	3
ATMS 306	Cloud Physics	3
ATMS 307	Climate Processes	3
ATMS 313	Synoptic Weather Forecasting	4
ATMS 314	Mesoscale Dynamics	3
Total Hours		58-59