

# ATMOSPHERIC PHYSICS (MINOR)

This program was approved for students entering the university in the Summer 2025-Spring 2026 catalog year. For more information about catalog year, go to Catalog Year Information (<https://catalog.louisville.edu/undergraduate/university-wide-unit-specific-policies/catalog-year/>).

## Minor in Atmospheric Physics

Unit: College of Arts and Sciences (AS) (<http://www.louisville.edu/a-s/>)

Department: Physics and Astronomy (<https://louisville.edu/physics/>)

Academic Plan Code(s): ATPHMIN

## Program Requirements

Code	Title	Hours
Core Physics Courses		
PHYS 298	Introductory Mechanics, Heat and Sound - S ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	4
PHYS 295	Introductory Laboratories I - SL ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	1
PHYS 299	Introductory Electricity, Magnetism and Light	4
PHYS 296	Introductory Laboratories II - SL ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	1
Core Atmospheric Courses		
PHYS 220	Introduction to Weather and Climate - S ( <a href="https://catalog.louisville.edu/undergraduate/general-education-requirements/">https://catalog.louisville.edu/undergraduate/general-education-requirements/</a> )	3
PHYS 363	Atmospheric Physics	3
PHYS 464	Atmospheric Dynamics	3
Upper Level Atmospheric Course (select one) <sup>1</sup>		
PHYS 517	Physics of Climate	3
or PHYS 518	Space Weather	
<b>Minimum Total Hours</b>		<b>22</b>

<sup>1</sup> Students whose major requires PHYS 298/PHYS 295, PHYS 299/PHYS 296 sequence are required to take both upper level Atmospheric Physics courses.

At least three (3) semester hours of the requirements for a minor must be successfully completed while enrolled in the University of Louisville.