



The UNIVERSITY of OKLAHOMA
College of Atmospheric and Geographic Sciences

Memorandum

To: Office of the Registrar
From: SoM and AGS Advising Team
Date: Created December 8th, 2025 – Updated May 5th, 2026
Subject: Meteorology Degree Physics Requirement Guidance

To Whom It May Concern:

The Bachelor of Science in Meteorology requires students to complete two courses in calculus-based physics. The current degree checksheet specifies PHYS 2514 and PHYS 2524 as the approved sequence. However, the University of Oklahoma offers additional physics tracks that students may have previously taken or may bring in learning credit for. In response, the academic unit has reviewed these alternative options and determined the following guidelines:

1. PHYS 1205/1215 Introductory Physics for Physics Majors

This sequence is calculus-based and aligns in rigor and content with PHYS 2514/2524. Therefore, PHYS 1205 and PHYS 1215 are *approved* as acceptable substitutions for the Meteorology physics requirement.

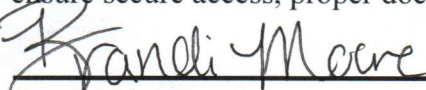
2. PHYS 2414/2424 General Physics for Life Science-Oriented Majors

This sequence is not calculus-based and does not adequately prepare students for the level of physics required in upper-division Meteorology coursework. For this reason, PHYS 2414 and PHYS 2424 will *not* be accepted toward the Meteorology physics requirement. Students with credit for these courses must still complete PHYS 2514 and PHYS 2524.

3. PHYS 1114 General Physics for Non-Science Majors

This course is designed for non-science majors and does not have a subsequent sequence for continued study. It does not provide the depth or rigor necessary to prepare students for upper-division meteorology coursework. For this reason, PHYS 1114 will *not* be accepted toward the meteorology physics requirement. Students with credit for this course must still complete PHYS 2514 and PHYS 2524.

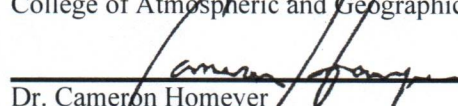
Upon approval and signature, this document will serve as the standing guideline for applying these course substitutions to all eligible student records. The finalized memorandum will be archived in Laserfiche to ensure secure access, proper documentation, and long-term institutional consistency.



Brandi Moore
Director of Academic Advising
College of Atmospheric and Geographic Sciences

5-5-2026

Date


Dr. Cameron Homeyer
Director of the School of Meteorology
College of Atmospheric and Geographic Sciences

5-5-2026

Date

