The Ohio State University
College of Arts and Sciences

Atmospheric Sciences Minor

Department of Geography
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Overview

Atmospheric Sciences encompasses all aspects of the study of weather and climate. It includes severe storms and other systems that comprise our day-to-day weather. It also includes processes that create and change the Earth's climate. Atmospheric scientists work on scales that vary from local weather at the surface to global features of weather and climate.

Minor Requirements

The minor in Atmospheric Sciences requires a minimum of 14 credit hours. All students must take either Atmospheric Sciences 2940 or Geography 5900. Students must choose an additional four elective courses (11-12 credit hours) from a list of courses in Atmospheric Sciences and Geography. Some courses in this minor have prerequisites (which do not count toward minor hours); please consult the course bulletin and/or the geography advisor before enrolling in courses. Students should meet with the Department of Geography's undergraduate advisor to determine a program.

Required: one course (3 hours)

Course	Hours	Required Prerequisite
AtmosSc 2940	3	Math 1151 & Physics 1250
OR		
GEOG 5900	3	None

Electives: four courses (11-12 hours)
Students must take four elective courses. Students may count GEOG 3900 or 3901H, but not both.

Course	Hours	Required Prerequisite
GEOG 3900 OR 3901H	3	None
GEOG 5921	3	AtmosSc 2940 & Physics 1250 OR GEOG 5900 & Physics 1250
GEOG 5922	3	GEOG 5921
AtmosSc/GEOG 5940*	2	AtmosSc 2940 & Physics 1250 OR GEOG 5900 & Physics 1250
GEOG 5941	3	GEOG 5940 & Math 2153
GEOG 5942	3	GEOG 5941
AtmosSc 5950	3	Math 1152
AtmosSc 5951	3	AtmosSc 5950 (or co-req) & Math 2153
AtmosSc 5952	3	AtmosSc 5951 & Math 2255

Atmospheric Sciences minor program guidelines

Credit hours required A minimum of 14 credit hrs. 1000-level courses shall not be counted in the minor. At least 6 credit hours must be at the 3000-level or above.

Transfer and EM credit hours allowed
A student is permitted to count up to 6 total hours of transfer credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to two courses between the GE and the minor as long as the minor consists of at least 4 courses.

Overlap with the major and additional minor(s)
• The minor must be in a different subject than the major.
• The minor must contain a minimum of 12 hours distinct from the major and/or additional minor(s).

Grades required
• Minimum C- for a course to be counted on the minor.
• Minimum 2.00 cumulative GPA for all minor course work.
• Course work graded Pass/Non-Pass cannot count on the minor.
• No more than 3 credit hours of course graded Satisfactory/Unsatisfactory may count toward the minor

X193 credits No more than 3 credit hours.

Minor approval The minor must be approved by the academic unit. Please see the undergraduate advisor for approval.

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school advisor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by the academic unit offering the minor. Please see the undergraduate advisor for approval.

College of Arts and Sciences
Curriculum and Assessment Services
306 Denney Hall,230 Annie and John Glenn Ave.
http://artsandsciences.osu.edu

DH 3/28/13
BV 7/15/14
BV 7/28/15
DH 5/8/17
DH 7-19-18
DH 6-9-21B
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Update 10-01-2026 MCR