The Ohio State University

**College of Arts and Sciences**

**Atmospheric Sciences Minor**

Department of Geography

1036 Derby Hall

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Columbus, OH 43210

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Department website: <http://www.geography.osu.edu/>

**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)**

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

**Electives: four courses (11-12 hours)**

Students must take four elective courses. Students may count GEOG 3900 or 3901H, but not both.

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| **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 6 credit hours between the GE and the minor..

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](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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