# Requirements for the Master of Science

## College of Atmospheric and Geographic Sciences

### The University of Oklahoma

### General Requirements

| Minimum Total Hours (Thesis) | 30 |
| Minimum Total Hours (Non-Thesis) | 32 |

### Required Courses

**Required Courses (11 hours minimum):**  
Courses must be completed with a B or better.

- **METR 5004**, Fundamentals of Atmospheric Science
  - 4 hours

- **METR 5113**, Advanced Atmospheric Dynamics I
  - 3 hours

- **METR 5413**, Advanced Synoptic Meteorology
  - 3 hours

- **METR 6970**, Seminar (minimum 1 hour; may be repeated for up to 4 hours)
  - 1-4 hours

**Thesis (thesis students only):**

- **METR 5980**, Research for Master's Thesis
  - 4 hours

**Meteorology Electives:**  
(6 hours for thesis; 9 hours for non-thesis)  
Coursework chosen in consultation with adviser and committee, excluding METR 5990 Independent Study.  
Courses must be completed with a grade of B or better.

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**Electives (9 hours for thesis; 12 for non-thesis):**  
May include additional METR courses, graduate-level courses from other departments, or METR 5990 Independent Study (6 hours maximum).

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The master’s degree requires the equivalent of at least two semesters of satisfactory graduate work and additional work as may be prescribed for the degree.

All coursework applied to the master’s degree must carry graduate credit.

Master’s degree programs which require a thesis consist of at least 30 credit hours. All non-thesis master’s degree programs require at least 32 credit hours.

Credit transferred from other institutions must meet specific criteria and is subject to certain limitations.

Courses completed through correspondence study may not be applied to the master’s degree.

To qualify for a graduate degree, students must achieve an overall grade point average of 3.0 or higher in the degree program coursework and in all resident graduate coursework attempted. A student must also have at least a 3.0 in all coursework (including undergraduate coursework if any).

A student who has done satisfactory graduate work and has earned a 3.0 grade point average may file for master’s candidacy.

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