

Meteorology, B.S.

303-556-3143 Science Building 2028

Catalog 11-12

This sheet applies to the 2011-2012 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	38 min	Students who have reached junior
Major courses	42	standing (60 hrs) should request a
Required Math Minor	24	CAPP (graduation compliance report)
Approved Electives	16	and review it with a faculty advisor.
Total to graduate (min. 40 hrs upper division)	120 min	

GENERAL STUDIES

Composition

- ___ ENG 1010-3 Freshman Comp: the Essay
- ___ ENG 1020-3 Freshman Comp: Anal., Rsrch & Docum.

Mathematics

- ___ -4 (NOTE: MTH 1110 College Algebra AND MTH 1120 College Trig.
- or** -4 MTH 1400 Precalc. are prerequisites for MTH 1410 Calculus I.)

Communications

- ___ -3

Historical

- ___ -3

Arts & Letters

- ___ -3
- ___ -3

Social Sciences

- ___ -3
- ___ -3

Natural Sciences

- ___ PHY 2311-4 General Physics I
- &** PHY 2321-1 General Physics I Lab
- ___ PHY 2331-4 General Physics II
- &** PHY 2341-1 General Physics II Lab
- ___ CHE 1800-4 General Chemistry I

Multicultural Requirement

- (*may be satisfied within General Studies, major, minor or electives*)
- ___ -3

NOTE: Students must consult a faculty advisor regarding General Studies requirements.

MAJOR COURSES

- ___ MTR 2400-4 Introduction of Atmospheric Science
- ___ MTR 2410-3 Weather Observing Systems
- ___ MTR 3400-4 Synoptic Meteorology
- ___ MTR 3410-2 Weather Analysis Techniques
- ___ MTR 3430-3 Atmospheric Thermodynamics
- ___ MTR 3440-3 Physical Meteorology
- ___ MTR 3450-3 Dynamic Meteorology
- ___ MTR 4400-3 Advanced Synoptic Meteorology
- ___ MTR 4440-3 Climatology
- ___ MTR 4500-3 Mesometeorology
- ___ MTR 4600-3 Senior Research Seminar

Major electives – Select 8 hours in consultation with a faculty advisor:

- ___ MTR
- ___ MTR
- ___ MTR

Required Mathematics Minor

- ___ MTH 1410-4 Calculus I
- ___ MTH 1510-4 Computer Programming: FORTRAN
- or** CS 1050 -4 Computer Science I
- ___ MTH 2410-4 Calculus II
- ___ MTH 2420-4 Calculus III
- ___ MTH 3210-4 Probability and Statistics
- ___ MTH 3420-4 Differential Equations

APPROVED ELECTIVES