## Odd Year Start

**FIRST YEAR (FALL SEMESTER ODD YEAR) 14.5 UNITS**

- ATMOS 1010: Severe and Unusual Weather (3)
- ATMOS 3000: Professional Development in the Atmospheric Sciences (1.5)
- MATH 1210: Calculus I (4)
- WRTG 2010: Intermediate Writing (3)
- Intellectual Explorations Course (3)

**FIRST YEAR (SPRING SEMESTER EVEN YEAR) 15.0 UNITS**

- ATMOS 1020: Climate Change (3)
- CHEM 1210: General Chemistry I (4)
- CHEM 1215: General Chemistry Lab I (1)
- MATH 1220: Calculus II (4)
- Intellectual Explorations Course (3)

**SECOND YEAR (FALL SEMESTER EVEN YEAR) 16.0 UNITS**

- ATMOS 3100: Atmospheric Chemistry and Air Pollution (3)
- CP SC 1001: Engineering Computing Using MATLAB (1.5)
- CP SC 1010: Introduction to Unix (0.5)
- MATH 2210: Calculus III (3)
- PHYS 2210: Physics for Scientists and Engineers I (4)
- PHYS 2215: Physics Laboratory for Scientists and Engineers I (1)
- Intellectual Explorations Course (3)

**SECOND YEAR (SPRING SEMESTER ODD YEAR) 14.5 UNITS**

- ATMOS 5040: Environmental Statistics (1.5) – 1st half
- MATH 2250: Ordinary Differential Equations and Linear Algebra (3)
- PHYS 2220: Physics for Scientists and Engineers II (4)
- Intellectual Explorations Courses (6)

**THIRD YEAR (FALL SEMESTER ODD YEAR) 16.5 UNITS**

- ATMOS 3200: Mountain Weather and Climate (3)
- ATMOS 5000: Introduction to Atmospheric Sciences (3)
- Intellectual Explorations Course (3)
- Combined Diversity/Intellectual Explorations Course (3)
- Technical Elective (3)
- ATMOS Elective (1.5)
- ATMOS 5200: Physical Meteorology III: Cloud Physics (1.5) – 2nd half
- ATMOS 5220: Boundary Layer Processes (1.5) – 1st half
- ATMOS 5495: Biophysical Ecology (4)

**THIRD YEAR (SPRING SEMESTER EVEN YEAR) 15.0 UNITS**

- ATMOS 5010: Weather Forecasting (1.5) – 1st half
- ATMOS 5050: Environmental Instrumentation (2.0) – 1st half
- ATMOS 5100: Introduction to Dynamic Meteorology (3)
- ATMOS 5130: Physical Meteorology I: Thermodynamics (1.5) – 1st half
- ATMOS 5140: Physical Meteorology II: Atmospheric Radiation (1.5) – 2nd half
- Technical Elective (3)
- ATMOS Elective(s) (3)
- ATMOS 5210: Synoptic-Dynamic Meteorology II (1.5) – 2nd half
- ATMOS 5230: Mesoscale Meteorology (1.5) – 1st half
- ATMOS 5260: Snow Dynamics and Avalanche Studies (4)
- ATMOS 5270: Wind Power Meteorology (1.5) – 2nd half

FOURTH YEAR (FALL SEMESTER EVEN YEAR) 16.0 UNITS

- ATMOS 5110: Synoptic-Dynamic Meteorology (3)
- ATMOS 5120: Weather Discussion (1)
- Upper Division Communication/Writing Course (3), e.g. ATMOS 5400
- Technical Electives (6)
- ATMOS Electives (3)
  - ATMOS 5240: Mesoscale Meteorology (1.5) – 2nd half
  - ATMOS 5250: Mountain Meteorology (1.5) 1st half
  - ATMOS 5510: Tropical Meteorology (1.5) – 1st half
  - ATMOS 5900: Capstone Project (1.5)

FOURTH YEAR (SPRING SEMESTER ODD YEAR) 15.0 UNITS

- Technical Electives (9)
- ATMOS Electives (6)
  - ATMOS 5210: Synoptic-Dynamic Meteorology II (1.5) – 2nd half
  - ATMOS 5260: Snow Dynamics and Avalanche Studies (4)
  - ATMOS 5270: Wind Power Meteorology (1.5) – 2nd half
  - ATMOS 5520: Remote Sensing of the Environment (1.5) 1st half
  - ATMOS 5900: Capstone Project (1.5)