### Minor Program of Study

#### Atmospheric Science

**Minor Code: 144**

**Required hours: 18-19 hours**

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## I. Required (9 hours)

- **CHE 2600** _____ (3) Global Atmospheric Chemistry (*Pre: CHE 1102/1120*)
- **GHY 3100** _____ (3) Weather & Climate (*Pre: GHY 1010 OR 1011*)
- **PHY 3150** _____ (3) Atmospheric Physics (*Pre: PHY 1151*)

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## II. Mathematical Electives (3-4 hours) Choose 1 of the following

- **C S 1445** _____ (4) Introduction to Programming with Interdisciplinary Applications (*Pre: MAT 1020 or 1025 w/min grade C-*)
- **STT 3850** _____ (4) Statistical Data Analysis I (*Pre: MAT 1110*)
- **ENV/GLY 3455** _____ (3) Quantitative Data Analysis for Earth & Environmental Scientists (*Pre: GLY 2250; MAT 1110; PHY 1150*)

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## III. Electives (6 hours) Choose 2 courses from the following

- **BIO 3320** _____ (3) Air Pollution Effects on Plants and People (*Pre: BIO 1201, 1202; Jr Standing*)
- **GHY 3600** _____ (3) Climate Change, Snow & Ice (*Pre: GHY 1011*)
- **GHY 4620** _____ (3) Atmospheric Circulation (*Pre: GHY 3100; Sr. Standing*)
- **GLY 3131** _____ (3) Environmental Geochemistry (*Pre: GLY 2250; CHE 1101/1110; MAT 1110*)
- **GLY 4630** _____ (3) Hydrogeology (*Pre: GLY 2250; MAT 1110; PHY 1103 or 1150; Sr. Standing*)
- **PHY 3140** _____ (3) Environmental Physics (*Pre: PHY 1104 or 1151*)

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***A minimum overall grade point average of 2.0 is required for the courses included in the minor.***

A minimum of 9 hours must be “in residence,” i.e. courses taken through ASU (can include study abroad, ASU online courses, etc.).