

# 2017-2018

## Minor Program of Study

### Atmospheric Science

Required hours: 18-19 hours

Minor Code: 144

#### 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*)

#### 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*)

#### 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*)

**\*\*\*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.).