Class Meeting Times and Locations
Monday – Thursday from 9:30 to 10:20 AM in Communications Building (CMU) 120 plus Friday from 9:30 to 10:20 AM in Sieg Hall (SIG) 227 for Section AA and in Smith Hall (SMI) 407 for Section AB

Instructor: Prof. Qiang Fu  
Email: qfu@atmos.washington.edu  
Phone: (206) 685–2070  
Office: ATG 308  
Office hours: Monday 12:30 to 1:30 or by appointment

Teaching Assistant: Terry Kubar  
Email: tkubar@atmos.washington.edu  
Phone: (206) 685–9303  
Office: ATG 714  
Office hours: Thursday 12:30 to 1:30 or by appointment

Teaching Assistant: Kathleen Crahan  
Email: katie@atmos.washington.edu  
Phone: (206) 685–2910  
Office: ATG 522  
Office hours: Tuesday 12:30 to 1:30 or by appointment

Course Description
This is an introductory course for nonscience majors on climate and climate change. The class will be divided in three parts:

Climate of the present: We will examine the nature of the global climate system and the main processes controlling climate. Topics covered will include the basic atmospheric composition and structure, solar and terrestrial radiation, the global energy balance, atmospheric circulation, the role of oceans in climate, and the carbon cycle.

Climate of the past: In this part of the class we will discuss how climate has changed in the past on timescales ranging from billions of years to thousands of years.
Global change: Is the Earth getting warmer? Why? How will climate change over the next 100 years? Should we be concerned? We will look at some of the current major environmental concerns.

Prerequisites
None. Open to all undergraduates. Note that the course caters towards nonscience majors and provides 5 credits towards the Natural World requirement.

Required Textbook

The lectures will largely follow the textbook material. Each week the students will be required to read material of direct relevance to the class.

Grading Policy
Your grade will be based on exams (one midterm and one final exam), and a number of homeworks and quizzes. Five homeworks will be set during the course. Grades will be apportioned as follows:

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<tr>
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<th>With writing credit</th>
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<tbody>
<tr>
<td>Homeworks:</td>
<td>20%</td>
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<td>Quizzes:</td>
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<td>Final exam:</td>
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<td>Term paper:</td>
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You are expected to attend lectures and participate in class. Approximately five quizzes will be given without prior notice. There will be no make-up exams/quizzes except in extreme cases, in which case you must contact the instructor in advance or as soon as possible after a missed exam/quiz.
Assignments and Quizzes
The assignments will require you to answer questions (mostly short answer) drawn from lectures, the textbook, and online resources. Assignments are due in class at 9:30 on the day indicated. Late assignments will not be accepted without advanced arrangement.

Quizzes will be given throughout the quarter and will be easier than the homework. They may be given on any day of the week (including Friday) and must be taken without the use of books or notes.

Topics for Term Papers
The instructor and TAs will suggest some topics on some aspect of Earth's climate in a separate document.