



METEOROLOGY MAJOR

Transfer Requirements

The following requirements for the major are subject to change without notice. To assure accuracy of the information on this sheet, you should consult with the Geology counselor, or review articulation agreements via the Internet at WWW.ASSIST.ORG. You may also consult the Articulation Officer for specific articulation agreements.

CAREER OPPORTUNITIES: **Meteorologists** gather and analyze information on atmospheric conditions. **Forecasters** predict weather change on a short term, or a long-range basis. They may predict weather for specific purpose, such as agriculture, or airline operations. **Climatologists** study past climatic variations and determine probable long-range change. **Environmental Meteorologists** are concerned with atmospheric changes produced by human activity. Air quality and water shortages are among the environmental problems on which they work. **Weather Modification Specialists** study ways to alter the weather for beneficial results (e.g. rain for crop production and snow for skiing). Colleges and universities teaching research, governmental agencies, private consulting services, industries, and radio/television stations employ meteorologists. A master's degree or higher is highly desirable.

UNIVERSITY OF CALIFORNIA, DAVIS

B.S. Atmospheric Sciences: Chemistry 1A-1B; Computer Science 1 or 3; Math 150 or Psychology 9A and Math 190, 191, 220, 270; Physics 1A-1B-1C-1D

UNIVERSITY OF CALIFORNIA, LOS ANGELES

B.S. Atmospheric Oceanic and Environmental Sciences: Chemistry 1A-1B; Math 190, 191, 220, 270; Physics 1A-1C-1D or Physics 3A-3B; Computer Science 1

SAN JOSE STATE UNIVERSITY

NOTE: CSU Certification is highly recommended

B.S. Meteorology: Philosophy 105 or Psychology 3 or English 1B or 1C; Chemistry 1A; Geography 9; Math 190, 191, 220; Physics 1A, 1B, 1C, 1D;

B.S. Meteorology: Concentration in Climate Science: Philosophy 105 or Psychology 3 or English 1B or 1C; Math 190; Physics 2A-2B or 3A-3B; Biology 101-102; Chemistry 1A; Geology 1