

Connecticut State University System

Developing a State of Minds

BR#02-08



RESOLUTION

concerning

PROGRAM MODIFICATION

for a

CHANGE IN DEGREE IN METEOROLOGY

to a

BACHELOR OF SCIENCE DEGREE

at

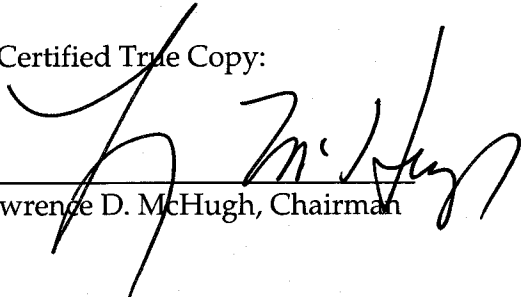
WESTERN CONNECTICUT STATE UNIVERSITY

February 1, 2002

RESOLVED, That the Board of Trustees for the Connecticut State University System approves Western Connecticut State University's proposal to modify the Meteorology program to award the Bachelor of Science degree, and be it further

RESOLVED, That under the authority granted to the Board of Trustees for Connecticut State University System in Chapter 185b, Section 10a-87 and 10a-149 of the Connecticut General Statutes, the Chancellor of the Connecticut State University System is authorized to seek licensure and accreditation for this program from the Connecticut Board of Governors for Higher Education.

A Certified True Copy:

  
Lawrence D. McHugh, Chairman

**ITEM**

Program modification to change the degree awarded in Meteorology from Bachelor of Arts to Bachelor of Science at Western Connecticut State University

**BACKGROUND**

The Meteorology program at WCSU was originally licensed and accredited as a Bachelor of Arts degree. In order to make the program more attractive and flexible to students, and more competitive with other programs, the Physics, Astronomy and Meteorology department proposed this major revision.

**ANALYSIS**

The change in program requirements will meet the recommended attributes of the American Meteorological Society. The revised program adds two track options (Theoretical Meteorology and Operational Meteorology) and seven new courses; it also includes changes in descriptions, credit and/or prerequisites for four existing courses. This revision will better prepare graduates for entry level positions within the many various subfields of meteorology and the atmospheric sciences in general. The proposal adequately address issues of assessment and evaluation of expected educational outcomes (including collection and analysis of summative and formative data), both for the program and the students, and a statement on the impact of program specific courses on general education outcomes.

No new faculty are required to effectuate the program change. Fiscal support provided by the university to the current program will continue; however, a new budgetary allocation of \$1,000 to \$5,000 will be necessary to acquire adequate library reference materials to support the proposed new courses. Current technology resources are adequate; however, additional computer workstations will be required before the program can start. (New advanced technology classroom/laboratories planned for the new Science Building will adequately support the program.) External funding will be sought to acquire other hardware, software and audio-visual equipment.

The BA program will be phased out over the next four years for currently enrolled students with no loss of time to degree (predicated on the BS program beginning in fall 2003).

**CHANCELLOR'S RECOMMENDATION**

Authorize Western Connecticut State University to send appropriate documentation to the Connecticut Board of Governors for Higher Education to modify the Bachelor of Arts program in Meteorology to a Bachelor of Science program.