

OHIO BOARD OF REGENTS

Agenda Item 3.3 University of Cincinnati, Master of Science in Statistics

RESOLUTION

BE IT RESOLVED: upon the recommendation of the Chancellor and with the concurrence of the Regents' Advisory Committee on Graduate Study as well as the Program Effectiveness, Research & Technology Committee of the Ohio Board of Regents that the following new degree program is approved:

University of Cincinnati
Master of Science in Statistics

BACKGROUND

University of Cincinnati
Master of Science in Statistics

EXECUTIVE SUMMARY/RECOMMENDATION

**This program clearly meets Regents' standards for graduate programs.
There were no serious concerns raised in the review.**

The University of Cincinnati seeks Regents' approval for a new graduate degree program entitled Master of Science in Statistics.

The University of Cincinnati's Department of Mathematical Sciences, which administers both MS and PhD programs in Mathematics, has had a very successful concentration in Statistics for over twenty years. The program currently has thirty-five students and generally produces five to twenty graduates each year. The University proposes to develop the Statistics concentration into a separate master's degree program as a response to an increasing demand for graduates to work as statisticians in industrial and governmental settings. The largest demand within the private sector occurs in the research-intensive areas of marketing, insurance, pharmaceuticals, environmental science, engineering, and biomedicine. This transformation from a concentration into a stand-alone master's degree program will require no new faculty resources.

The Regents' Advisory Committee on Graduate Study has reviewed the program materials provided by the University and, in response to expert reviews, provided appropriate critical comments. The University's program planners responded with appropriate program changes and subsequently made a formal presentation at the RACGS meeting held on October 28, 2005. Subsequent to this presentation and discussion, RACGS voted with unanimous assent to approve the Master of Science in Statistics degree program at the University of Cincinnati.