

## Consulting Competency Requirement for the Master of Science in Applied Statistics

This document describes the process to be followed in fulfilling degree requirement #4 listed in the Graduate Catalog for the Master of Science in Applied Statistics degree. The purpose of this requirement is to demonstrate the student's mastery of the material in the degree program, and ability to independently apply that knowledge to the solution of practical problems.

- 1) Not later than the beginning of the semester in which the student expects to graduate (and preferably earlier), the student should identify a faculty member in the department who agrees to serve as advisor to oversee fulfillment of the requirement. A committee shall be formed, subject to the approval of the Committee on Graduate Programs, no later than the fourth week of the semester in which the student expects to graduate. The committee shall consist of the advisor (serving as chair) and at least three other members of the Oakland University faculty who agree to serve. At least two members of the committee must be statisticians in the Department of Mathematics and Statistics.
- 2) Under the guidance of the advisor and the other members of the committee, the student shall prepare a written report describing the student's application of appropriate statistical theory and methods to the solution of one or more practical problems. Whenever possible the problem or problems should be drawn from the student's own work experience. All members of the committee must have full access to all the data.
- 3) Subject to the advisor's approval, an oral presentation of the work by the student shall be scheduled. The presentation must take place no later than two weeks before the last day of final exams of the semester in which the student expects to graduate. Typed copies of the written report must be delivered to all members of the committee no later than one week before the oral presentation. Other interested parties, in addition to the committee members, may attend the oral presentation.
- 4) The final version of the written report, certified as acceptable by all members of the committee, must be delivered to the Graduate Coordinator no later than one week before the last day of final exams of the semester in which the student expects to graduate. The Department shall maintain an archive of these reports.

(adopted by the Graduate Programs Committee, 1/13/98)