



Applied Mathematics & Statistics, and Scientific Computation Program

William E. Kirwan Hall 3103 • 301-405-0924 • amsc@amsc.umd.edu

Applied Statistics Practicum Proposal

Name _____ Date Submitted _____

Instructions for Proposal:

In 500 words or less, please describe the goals you wish to accomplish during the practicum.

Approval Signatures:

I have read the attached proposed Applied Statistics Practicum Proposal, and it meets with my approval.

Name _____ Signature _____ Date _____
PRINT NAME AND SIGN ABOVE (Advisor)

Name _____ Signature _____ Date _____
PRINT NAME AND SIGN ABOVE (Outside Supervisor)

AMSC Graduate Committee Approval _____ Date _____

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Applied Statistics Practicum Instructions

Overview

Students will participate in a semester-long applied statistical project, such as an internship or collaborative research assistantship involving more planning and implementation than the smaller projects assigned in a classroom setting.

Course Description AMSC 760: Applied Statistics Practicum (3 credits)

Prerequisite: at least one full year of graduate study in Applied Statistics, plus approval by SAC of a written project proposal.

Students will spend one semester, a minimum 10 hours per week (or 120 hours in total), in an internship or collaborative research-laboratory setting working on a substantive applied quantitative project with significant statistical content.

The completion of this course contains 3 parts:

1. Meet with SAC members and attend preparatory seminar before the practicum. Submit proposal and obtain approval from the SAC.
2. Participate in an applied statistical project.
3. Submit a 3 page evaluation form.

Administration of the Practicum

- AMSC will appoint one faculty mentor to the course AMSC 760 each year. AMSC office staff together with the faculty mentor will handle the practical issues related to ensuring Practicum work meet AMSC guidelines.

Additional Information

- Student can choose to take the Practicum during the summer with no less than 120 hours spent in a paid or unpaid position.
- RA position contracted only with an on-campus research lab is not qualified for the Practicum.