

THE STATISTICS GRADUATE PROGRAM GUIDELINES FOR NEW STUDENTS

Updated August 30, 2016

Welcome to the graduate program in Statistics at The University of Victoria. Our graduate program is designed to prepare our students for employment as statisticians in private industry, government, or academia. The MSc program provides students with a solid background in statistical theory and can be used as a stepping stone to a doctoral degree in Statistics, or another related field. This document will outline the options and requirements for the MSc and PhD degrees, and provides important information that will help you get

Statistics is expected to take the project-based option, which will have a strong focus on graduate level course work. A student may register for the thesis-based option after discussion and approval from his/her supervisor.

Requirements for the project-based option

The requirements are eight courses and a research-project as follows:

- (a) Stat 598 (Project),
- (b) Math 585 (Graduate Seminar course), and
- (c) Seven graduate courses in mathematics and statistics.

Project guidelines

To complete Stat 598, a student must write a report ed o [(P)1(r)o37heT)9.9(t)]TJ 0 mj EMC /P <<
0(r)3 8i(0(ac)1(Td (h n-115 -1.1 -4(1)-6(T*)Tj(5(a)-31. /P(fw 0nd at)546h n-115

Expected time to complete the program

Normally, students taking the project-based option are expected to complete the program in 20 months. Students taking the thesis-based option are expected to complete the program in 24 months. **All students should take at least three courses in each of their first two terms.** For the project-based option, students can complete the eight courses in three terms and finish a project in two terms. For the thesis-based option, students can complete the six courses in two terms and write a thesis in four terms.

Funding (not including teaching assistantship)

The maximum number of terms a student may receive funding is 5 for the project-based option, and 6 for the thesis-based option. The funding is renewable only if the student's performance is satisfactory as determined by the supervisory committee. Please keep this in mind.

English writing/speaking courses

It is important to have good communication skills to find jobs as statisticians. Graduate students who are not proficient in English speaking and writing are encouraged to participate in English writing/speaking tutorials and workshops during the program. These activities are offered by the Centre for Academic Communication and are not counted as credit for the graduate program.

<http://www.uvic.ca/learningandteaching/home/home/centre/services/index.php>

Here is a link for graduate thesis/project writing assistance:

<http://www.uvic.ca/graduatestudies/resourcesfor/students/thesis/basics/index.php>

Co-operative education

Co-operative education provides a way of gaining work skills and experience so that students are well prepared for th

units, and a dissertation of original, publishable research worth at most 21 units (STAT 699). Students entering the program without a Master's degree must complete a minimum of 8 graduate courses, including at most one seminar course, totaling 12 units, the course STAT 693 worth 3 units, as well as a dissertation of original, publishable research worth at most 30 units (STAT 699).

All students are required to pass a candidacy examination consisting of three parts, in distinct areas, within their first two years of study. Students must register for STAT 693 in the terms in which they are preparing or writing the candidacy examinations.

Expected time to complete the program

Students are expected to complete the PhD program in between 12 and 15 academic terms. During the first 3 terms, students will normally complete their coursework and candidacy exam. The first two terms will be devoted primarily to course work, and the third term will normally involve preparing for and writing the PhD candidacy exam. The remaining terms are devoted to research and completion of the dissertation.

Funding (not including teaching assistantship)

Typically, the maximum number of terms a student may receive funding is 12. The funding is renewable only if the student's performance is satisfactory as determined by the supervisory committee. Please keep this in mind.

IV. Academic Performance

Students must achieve a grade point average of at least 5.0 (B) for every session in which they are registered. Every grade of 4.0 (B-) or lower in a course taken for credit must be reviewed by the supervisory committee of the student, department graduate advisor and Dean of Graduate Studies. Such students will not be allowed to register in the next session until approved to do so by the Dean. Also funding will not be given for students without satisfactory performance.

V. Statistics Seminars

All students must attend Statistics Seminars and the Graduate Seminars regularly. Please check the seminar schedules at the beginning of each term.

VI. Teaching Assistantships

Students can apply for teaching assistantship before the beginning of each term. Please contact Dr. Jane Butterfield in SSM A445 for more information, and to arrange this.