

# MA in Statistics with Emphasis in Biostatistics

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## Degree Requirements

Students who wish to specialize in Biostatistics may obtain a degree with special emphasis. The requirements are the same as those for MA degree in Statistics. In addition, students must satisfy the following:

### Required Courses

STAT 7410	Biostatistics and Clinical Trials	3
STAT 7420	Applied Survival Analysis	3
or STAT 8410	Statistical Theory of Bioinformatics	
or STAT 9410	Survival Analysis	

## Remedial Courses

The following course is required if equivalent courses are not taken as an undergraduate: MATH 7140.

A candidate for the MA in Statistics with emphasis in Biostatistics may choose either an exam or a thesis option in order to satisfy the main requirement for the Master's degree.

## Exam Option

A candidate may choose to take the qualifying exam, instead of writing a thesis and presenting it. (The same exam as Ph. D. candidates, see Doctorate of Statistics requirements for more details).

## Thesis Option

### Original Written Work

Under this option, all candidates must submit a written report on an independent effort toward producing original work related to Biostatistics. This report may, with the advisor's consent, take the form of a thesis, a written review on a set of papers in statistics, or a written report on an independent study project which may include an original application of statistics. For this work, a student must register for at least three semester hours of STAT 8090.

### Presenting the Work

Under the thesis option, all candidates are required to present an open seminar on the results of the written report. The report should be made available for public review, through the Department of Statistics office, for at least one week before the examination.

### Examination

The MA examination covers material presented in the written report and the seminar and may also cover course work.