

STATISTICS GRADUATE MINOR

This program is available at the following location:

- Corvallis

The Statistics graduate minor includes coursework in applied and mathematical statistics, applicable to any graduate major. The courses foster critical thinking and problem-solving skills, and position students for success in their selected major. Students wishing to include a minor must secure the agreement of a Statistics graduate faculty member to serve as a minor professor on their graduate committee. Additional information can be found on the program website (<https://stat.oregonstate.edu/current-students/graduate-minor>).

Minor Code: 6150

Upon successful completion of the program, students will meet the following learning outcomes:

MS

- Conduct research or produce some other form of creative work.
- Demonstrate mastery of subject material.
- Conduct scholarly or professional activities in an ethical manner.

PhD

- Produce and defend an original significant contribution to knowledge.
- Demonstrate mastery of subject material.
- Conduct scholarly activities in an ethical manner.

All programs must be approved by the student's minor professor.

MS Minor

Code	Title	Credits
ST 521 & ST 522	INTRODUCTION TO MATHEMATICAL STATISTICS and INTRODUCTION TO MATHEMATICAL STATISTICS	8
ST 511 & ST 512	METHODS OF DATA ANALYSIS and METHODS OF DATA ANALYSIS	8
Select one or two courses from the following: ¹		3-7
ST 513	METHODS OF DATA ANALYSIS	
ST 515	DESIGN AND ANALYSIS OF PLANNED EXPERIMENTS	
ST 531	SAMPLING METHODS	
ST 557	APPLIED MULTIVARIATE ANALYSIS	
ST 565	TIME SERIES	
Total Credits		19-23

PhD Minor

Code	Title	Credits
Select one sequence from the following:		
ST 521 & ST 522	INTRODUCTION TO MATHEMATICAL STATISTICS and INTRODUCTION TO MATHEMATICAL STATISTICS	8-12
ST 561 & ST 562 & ST 563	THEORY OF STATISTICS and THEORY OF STATISTICS and THEORY OF STATISTICS	
Select one sequence from the following:		12
ST 551 & ST 552 & ST 553	STATISTICAL METHODS and STATISTICAL METHODS and STATISTICAL METHODS	

ST 511 & ST 512 & ST 513	METHODS OF DATA ANALYSIS and METHODS OF DATA ANALYSIS and METHODS OF DATA ANALYSIS	
Select additional statistics courses approved by the minor professor ²		3-6
Total Credits		23-30

- ¹ The student and/or minor professor may wish to add one or two additional courses
- ² If ST 551, ST 552, and ST 553 are taken, the additional courses should total at least 3 credits
If ST 511, ST 512, and ST 513 are taken, they should total at least 6 credits

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