STATISTICS, MS

The MS degree program in statistics trains the candidate to become a practicing statistician with a number of options, including:

- Statistics: Applied Statistics, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-applied-statistics-ms/)
- Statistics: Biostatistics, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-biostatistics-ms/)
- Statistics: Statistics and Data Science, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-statistics-data-science-ms/)
- Statistics: Statistics, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-statistics-ms/)

In addition, the department is closely involved with the School of Medicine and Public Health Department of Biostatistics and Medical Informatics (https://guide.wisc.edu/graduate/biostatistics-medical-informatics/) and a joint MS Data Science (https://guide.wisc.edu/graduate/statistics/data-science-ms/) offered by both the Department of Statistics and Department of Computer Sciences.

The Statistics Department provides extensive computing facilities, both hardware and software, to support instruction and research. Several computers and advanced graphic workstations are available for use in advanced courses enabling students to pursue the latest research directions in statistical computing and graphics. Common statistical packages and libraries are available on a variety of machines.

The department may be consulted for specific career information. Please see each program option for specific information regarding application materials, deadlines, and program requirements.

ADMISSIONS

ADMISSIONS

Students apply to the Master of Science in Statistics through one of the named options:

- Applied Statistics (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-applied-statistics-ms/)
- Biostatistics (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-biostatistics-ms/)
- Statistics and Data Science
- Statistics (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-statistics-ms/)

FUNDING

FUNDING

GRADUATE SCHOOL RESOURCES

The Bursar's Office provides information about tuition and fees associated with being a graduate student. Resources to help you afford graduate study might include assistantships, fellowships, traineeships, and financial aid. Further funding information is available from the Graduate School.

Be sure to check with your program for individual policies and restrictions related to funding.

PROGRAM RESOURCES

Each option within Statistics has different funding policies and opportunities for students. Please see each option for details.

- Statistics: Applied Statistics, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-applied-statistics-ms/)
- Statistics: Biostatistics, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-biostatistics-ms/)
- Statistics: Statistics and Data Science, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-statistics-data-science-ms/)
- Statistics: Statistics, MS (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-statistics-ms/)

REQUIREMENTS

MINIMUM GRADUATE SCHOOL REQUIREMENTS

Review the Graduate School minimum degree requirements (https://guide.wisc.edu/graduate/#requirementstext) and policies (https://guide.wisc.edu/graduate/#policiestext), in addition to the program requirements listed below.

MAJOR REQUIREMENTS

CURRICULAR REQUIREMENTS

Requirement	Detail
Minimum Credit Requirement	30 credits
Minimum Residence Credit Requirement	16 credits
Minimum Graduate Coursework Requirement	15 credits must be graduate-level coursework. Refer to the Graduate School: Minimum Graduate Coursework (50%) Requirement policy: https://policy.wisc.edu/library/UW-1244 (https://policy.wisc.edu/library/UW-1244/).
Overall Graduate GPA Requirement	3.00 GPA required. Refer to the Graduate School: Grade Point Average (GPA) Requirement policy: https://policy.wisc.edu/library/UW-1203 (https://policy.wisc.edu/library/UW-1203/).
Other Grade Requirements	See Named Options for grade requirements.
Assessments and Examinations	See Named Options for policy information.
Language Requirements	No language requirements.

REQUIRED COURSES

Select a Named Option (https://guide.wisc.edu/graduate/statistics/statistics-ms/#NamedOptions) for courses required.

NAMED OPTIONS

A named option is a formally documented sub-major within an academic major program. Named options appear on the transcript with degree conferral. Students pursuing the Master of Science in Statistics must select one of the following named options:

View as listView as grid

- **STATISTICS: APPLIED STATISTICS, MS (HTTPS://GUIDE.WISC.EDU/GRADUATE/STATISTICS/STATISTICS-MS/STATISTICS-APPLIED-STATISTICS-MS/)**
- **STATISTICS: BIOSTATISTICS, MS (HTTPS://GUIDE.WISC.EDU/GRADUATE/STATISTICS/STATISTICS-MS/STATISTICS-BIOSTATISTICS-MS/)**
- **STATISTICS: STATISTICS AND DATA SCIENCE, MS (HTTPS://GUIDE.WISC.EDU/GRADUATE/STATISTICS/STATISTICS-MS/STATISTICS-STATISTICS-DATA-SCIENCE-MS/)**
- **STATISTICS: STATISTICS, MS (HTTPS://GUIDE.WISC.EDU/GRADUATE/STATISTICS/STATISTICS-MS/STATISTICS-STATISTICS-MS/)**

POLICIES

POLICIES

Students should refer to one of the named options for policy information:

- Applied Statistics (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-applied-statistics-ms/)
- Biostatistics (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-biostatistics-ms/)
- Statistics and Data Science
- Statistics (https://guide.wisc.edu/graduate/statistics/statistics-ms/statistics-statistics-ms/)

PROFESSIONAL DEVELOPMENT

PROFESSIONAL DEVELOPMENT

GRADUATE SCHOOL RESOURCES

Take advantage of the Graduate School's professional development resources (https://grad.wisc.edu/pd/) to build skills, thrive academically, and launch your career.

LEARNING OUTCOMES

LEARNING OUTCOMES

1. Demonstrates understanding of statistical theories, methodologies, and applications as tools in scientific inquiries.
2. Selects and utilizes the most appropriate statistical methodologies and practices.
3. Synthesizes information pertaining to questions in empirical studies.
4. Communicates data concepts and analysis results clearly.
5. Recognizes and applies principles of ethical and professional conduct.