

**The Ohio State University  
Colleges of the Arts and Sciences  
College of Mathematical and Physical Sciences**

**Statistics Minor (Stat, 458)**

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Department of Statistics  
404 Cockins Hall, 1958 Neil Avenue  
Columbus, OH 43210-1247; 614-292-2866  
<http://www.stat.ohio-state.edu>

Please note that the University does not offer an undergraduate major in statistics.

A demonstrated knowledge and working understanding of basic statistical techniques and methods is a critical element in today's competitive marketplace. The undergraduate minor in statistics is designed as a valuable asset to enhance most any undergraduate major. Students with a statistics minor may also be eligible to obtain a Master of Applied Statistics (M.A.S.) with one additional academic year of coursework.

The statistics minor consists of 21-25 credit hours as listed below. After the faculty advisor in the Department of Statistics has approved your Minor Program Form, you must file the form with your college or school counselor. For further information, contact the department.

**Core Required courses (17 hours)**

**Statistics**

- 420: Introduction to Mathematical Statistics I (5)
- 421: Introduction to Mathematical Statistics II (5)
- 529: Data Analysis II (3)
- 530: Data Analysis III (4)

**Electives (at least 4 hours)**

**Statistics**

- 451: Statistical Foundations of Survey Research (5)
- 661: Applied Nonparametric Statistics (5)
- 662: Environmental Statistics (3)
- 665: Discrete Data Analysis (4)
- B615: (Biostatistics) Design and Analysis of Clinical Trials (3)
- 674: Data Management and Presentation I (2)
- 675: Data Management and Presentation II (2)

\*528 (or equivalent) is not required for the minor but is a prerequisite to 529. See Statistics Minor advisor for more information.

**Statistics minor program guidelines**

The following guidelines govern this minor.

Required for graduation No

Credit hours required A minimum of 21-25

Transfer credit hours allowed A maximum of 10

Overlap with the GEC Permitted

Overlap with the major Not allowed and

- The minor must be in a different subject than the major.
- The same courses cannot count on the minor and on the major.

Overlap between minors Each minor completed must contain 20 unique hours.

Grades required

- Minimum C- for a course to be listed on the minor.
- Minimum 2.00 cumulative point-hour ratio required for the minor.
- Course work graded Pass/Non-Pass cannot count on the minor.

Approval required The minor program description sheet indicates if the minor course work must be approved by:

- The academic unit offering the minor

Filing the minor program form The minor program form must be filed at least by the time the graduation application is submitted to a college/school counselor.

Changing the minor Once the minor program is filed in the college office, any changes must be approved by:

- The academic unit offering the minor