

The Ohio State University
College of Arts and Sciences

Statistics (STAT-MN)

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A demonstrated knowledge and working understanding of basic statistical techniques and methods has become a critical element for students in many disciplines including business, engineering, life sciences and social sciences. The undergraduate minor in statistics is designed as a valuable asset to enhance most undergraduate majors and their career opportunities.

To achieve the statistics minor, the student must successfully complete the requirements listed in (1) and (2) below. The total number of semester credit hours required for the statistics minor is at least 15.

Some courses in this minor may have pre-requisites. Please consult the course bulletin before enrolling in courses.

(1) Take and pass with a grade of C- or above in each of the required courses:

Stat 4201 (4) Introduction to Mathematical Statistics I
Stat 4202 (4) Introduction to Mathematical Statistics II
Stat 5301 (4) Intermediate Data Analysis I
Stat 5302 (3) Intermediate Data Analysis II

(2) Maintain a minimum cumulative grade point average of 2.00 in the statistics minor.

(3) Stat 4201 is not required for Math students with credit for Math 4530 (Probability) or Math 5530H (Rigorous Probability). However, Math 4530 or Math 5530H cannot be counted for credit in the Statistics minor. Students with Math 4530 or Math 5530H but not Stat 4201 will have to take 4 semesters hours of electives (see next note for a list of possible electives).

(4) In addition to the required courses, it is recommended but not usually required that the student take one or more electives from such specialized courses as Statistical Foundations of Survey Research (5510), Introductory Time Series Analysis (5550) and Introduction to SAS Software (5740). Other electives may be selected with the approval of the Undergraduate Minor Coordinator.

Statistics minor program guidelines

Credit hours required A minimum of 15 credit hrs. 1000 level courses shall not be counted toward the 15 credit hr minimum.

Transfer credit hours allowed No more than one half of the credit hours required on the minor.

Overlap with the GE 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 12 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 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.

College of Arts and Sciences
Curriculum and Assessment Services
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