Department of Statistics, 404 Cocks Hall
1958 Neil Avenue, Columbus, OH 43210-1247;

A demonstrated knowledge and working understanding of
basic statistical techniques and methods is critical 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 career
opportunities for their students.

To achieve the Statistics minor, the student must successfully
complete the requirements listed in (1) - (3) below. The total
number of semester credit hours required for the statistics
minor is at least 13.

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

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

Stat 3201 (3) Introduction to Probability for Data Analytics
Stat 3202 (4) Introduction to Statistical Inference for Data
Analytics
Stat 3301 (3) Statistical Modeling for Discovery I

Note: Stat 3201-3202 can be replaced with Stat 4201-4202.
Stat 4201 (4) Introduction to Mathematical Statistics I
Stat 4202 (4) Introduction to Mathematical Statistics II

(2) Take and pass with a grade of C- or above one of the
following two courses.

Stat 3302 (3) Statistical Modeling for Discovery II
Stat 3410 (3) Principles of Data Collection and Analysis

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

(4) Students with credit for Math 4530 or Math 5530H who
elect to take 4201-4202 instead of 3201-3202 need not take
Stat 4201 before they take 4202. However, for Math majors,
Math 4530 or Math 5530H cannot be counted for credit in the
Statistics minor. Students with Math 4530 or Math 5530H but
not 4201 will have to take 3 semester hours of electives (see
next note for a list of possible electives).

(5) In addition to the required courses, it is recommended
that the student take one or more electives from such
specialized courses as Bayesian Analysis and Statistical
Decision Making (3303), Introduction to Statistical Learning
(4620), Advanced Statistical Inference (4301),
Computational Statistics (4302), Statistical Foundations of
Survey Research (5510), Introductory Time Series Analysis
(5550), or 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 13 credit hours.
1000 level courses shall not be counted in the minor.

Transfer and EM credit hours allowed
A student is permitted to count up to 6 total hours of transfer
credit and/or credit by examination.

Overlap with the GE A student is permitted to overlap up to 6
credit hours between the GE and the minor.

Overlap with the major and additional minor(s)
• The minor must be in a different subject than the major.
• The minor must contain a minimum of 12 hours distinct
from the major and/or additional minor(s).

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.
• No more than 3 credit hours of coursework graded
Satisfactory/Unsatisfactory may count toward the minor.

X193 credits No more than 3 credit hours.

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
154 Denney Hall, 164 Annie & John Glenn Ave.
http://artsandsciences.osu.edu

Received 2/28/12 DH
Updated 7/11/13 DH
BV 7/20/15
Rev approved CAA 10-17-18