

STATISTICS (SUPPLEMENTARY MAJOR)

The supplementary major in statistics requires 37 credits in ACMS and Mathematics. The specific requirements are as follows.

Code	Title	Hours
MATH 10550 & MATH 10560	Calculus I and Calculus II	8
ACMS 20550 & ACMS 20750	Introduction to Applied Mathematics Methods I and Introduction to Applied Mathematical Methods II	7
ACMS 20210 or ACMS 20220	Scientific Computing Scientific Computing with Python	3.5
ACMS 20620	Applied Linear Algebra	3
ACMS 30530	Introduction to Probability	3
ACMS 30550	Mathematical Statistics	3
ACMS 30600	Statistical Methods & Data Analysis I	3.5
ACMS Statistics electives		6
Total Hours		37

Difference from the full major:

The full Statistics major requires 43 credits in ACMS and MATH courses. This supplementary major requires one fewer statistics elective and one fewer ACMS elective.

Double counting issues:

- A student is permitted to double count Calculus I (MATH 10550) and Calculus II (MATH 10560) for a first major and this supplementary major.
- A student whose first major requires Calculus III (MATH 20550) and Ordinary Differential Equations (MATH 20750) is exempt from Introduction to Applied Mathematics Methods I (ACMS 20550) and Introduction to Applied Mathematical Methods II (ACMS 20750), but must complete an additional 6 credits of electives in ACMS. The same principle applies to any other courses required by a first major and this program.