

**COMBINED 4+1 BACHELORS AND MASTERS
DEGREES WITH THE WILKES HONORS COLLEGE (WHC) AND THE DEPARTMENT OF
MATHEMATICS AT THE CHARLES E. SCHMIDT COLLEGE OF SCIENCE**

This is an accelerated five-year program where students complete the Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree with concentration in Mathematics or Mathematical Sciences in the Wilkes Honors College and then continue on with the [Master of Science \(M.S.\) degree in Applied Mathematics and Statistics](#) in the Charles E. Schmidt College of Science.

The combined degree program is 150 credits: 120 credits for the undergraduate degree and 30 for the master's degree, with a maximum of 12 credits of graduate coursework used to satisfy both degrees. Once admitted into the program, students follow the suggested course sequences within a single track.

Students must maintain a GPA of 3.0 in upper-division and graduate courses. Students interested in this program should consult with the undergraduate and graduate advisors before taking upper-division mathematics coursework to ensure that their coursework will apply toward the combined degree. As part of the prerequisites, students must complete:

- 1) MAS 4107 Linear Algebra 2;
- 2) STA 4442 Probability and Statistics 1.

Students must take the GRE and apply for admission to candidacy by the end of their junior year.

Twelve graduate credits from the Department of Mathematical Sciences can be counted toward both the bachelor's degree and the master's degree. The 12 graduate credits should be chosen within a single track of the master's program. These 12 credits can be counted as the upper-division math electives or as substitutes as follows:

MAA 5228 can be used to substitute for MAA 4200

MAS 5311 can be used to substitute for MAS 4301

MAS 5145 can be used to substitute for MAS 4107

Details of the master's program in Applied Mathematics and Statistics are found [here](#).

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Students must maintain a GPA of 3.0 in upper-division and graduate courses. Students interested in this program should consult with the undergraduate and graduate advisors before taking upper-division mathematics coursework to ensure that their coursework will apply toward the combined degree. As part of the prerequisites, students must complete:

- 1) MAS 4107 Linear Algebra 2;
- 2) STA 4442 Probability and Statistics 1.

Students must take the GRE and apply for admission to candidacy by the end of their junior year.

Twelve graduate credits from the Department of Mathematical Sciences can be counted toward both the bachelor's degree and the master's degree. Four graduate courses may be shared between the bachelor's degree and the master's degree.

Take at least two of the core courses:

- MAA 5228 Introductory Analysis 1
- MAA 5229 Introductory Analysis 2
- MAS 5311 Introductory Abstract Algebra 1
- MAS 5312 Introductory Abstract Algebra 2

Details of the master's program in Mathematics and Statistics are found [here](#).