

APPLIED SCIENCE (MS IN APPLIED SCIENCE)

Return to the Department of Applied Science

The requirements for this degree may be met either by:

- **Thesis Option:** 30 hours of graduate credit, to include 6 credit hours of APSC 700 Thesis, and an original thesis approved by the student's advisory committee and defended in an oral examination; or
- **Non-Thesis Option:** 32 hours of graduate credit to include APSC 710 Research Project.

Course Requirements

Code	Title	Hours
Common Core		
APSC 603	Introduction to Scientific Research I	2
APSC 604	Introduction to Scientific Research II	2
APSC 607	Mathematical and Computational Methods I	4
Select one of the following:		3-4
APSC 608	Mathematical and Computational Methods II	
APSC 651	Cellular Biophysics and Modeling	
Total Hours		11-12

Thesis Option

- **Subject area concentration:** Complete 12 credit hours (if APSC 608 Mathematical and Computational Methods II is taken above) or 13 credit hours (if APSC 651 Cellular Biophysics and Modeling is taken above) of graduate coursework in desired concentration with guidance from advisor and committee.
- **Thesis:** Complete 6 credit hours of APSC 700 Thesis

Non-Thesis Option

- **Subject area concentration:** Complete 16 credit hours (if APSC 651 Cellular Biophysics and Modeling is taken above) or 17 credit hours (if APSC 608 Mathematical and Computational Methods II is taken above) of graduate coursework in desired concentration with guidance from advisor and committee.
- **Research Project:** Complete 2 credit hours of APSC 710 Research Project

Due to the different backgrounds, previous preparation, and career goals, not all Applied Science students will take the full core sequence, and a substitution for any of these courses can be approved by the Academic Progress Committee in Applied Science. However, unless otherwise exempted by the Department, students will be responsible for the material covered in the entire core.

Thesis Requirement

A thesis is optional. Students on the thesis track must complete an original thesis approved by the student's advisory committee and defended in an oral examination.

Exam Requirement

There is no qualifying or comprehensive exam requirement.

Language Requirement

There is no foreign language requirement.

Satisfactory Progress

To be eligible to graduate, all students must achieve a cumulative grade point average of 3.0 on a 4.0 scale in all courses undertaken for graduate credit at William & Mary after admission to a degree program. A student in the Department must maintain a B average in order to remain in good standing. A student who receives a grade of C+ (2.3) or lower in a course may repeat that course one time for credit, upon approval of both the instructor of the course and the graduate director for the student's program. When such a repeat attempt is approved, the grades for both attempts will count in the cumulative GPA, but only the most recent attempt will count toward the degree. No credit toward a degree will be allowed for a course in which a student receives a grade below C (grade point = 2.0).