

APPLIED MATHEMATICS, ENGINEERING, AND PHYSICS, BS AMEP

HOW TO GET IN

HOW TO GET IN DECLARATION REQUIREMENTS

Because admission into AMEP is internal to UW–Madison, a student must be admitted to UW–Madison or already be a UW–Madison student to join AMEP.

The general expectation for admission to the AMEP program is completion of the introductory calculus and physics sequences with appropriate success. Specifically a student must have

- Completed MATH 221, MATH 222, and MATH 234 with at least a 2.75 GPA.
 - MATH 375 and MATH 376 (together) may be substituted for MATH 234.
- Completed PHYSICS 247, PHYSICS 248, PHYSICS 249 with at least a 2.75 GPA.
 - For alternate Introductory Physics courses, see the Requirements (<https://guide.wisc.edu/undergraduate/letters-science/mathematics/applied-mathematics-engineering-physics-bs-amep/#requirementstext>) tab.

Students who do not meet the above qualifications (transfer students, freshmen with advanced standings, etc.) may be admitted to the program on a probationary basis. However, such students who do not eventually meet the above admission requirement or maintain a 2.000 GPA in quality of work program requirements in their first term at UW–Madison may be reassigned to a standard BA or BS degree.

Finally, students who have accrued 86 or more credits will be admitted to the AMEP program only if:

- the student has above a 2.000 GPA in both the general and upper-level quality of work requirements (see Requirements (<https://guide.wisc.edu/undergraduate/letters-science/mathematics/applied-mathematics-engineering-physics-bs-amep/#requirementstext>)) and
- the student has fewer than 60 outstanding credits needed to complete the BS-AMEP degree.

DECLARING THE APPLIED MATHEMATICS, ENGINEERING, AND PHYSICS UNDERGRADUATE DEGREE PROGRAM

Any student who is interested in the AMEP program should meet with a program advisor as soon as possible. The advisor will help the student negotiate pre-AMEP status and eventually assist in declaration for the program. In general, this should be the AMEP academic advisor or an AMEP math faculty advisor.

Advising information can be found in the Advising and Careers (<https://guide.wisc.edu/undergraduate/letters-science/mathematics/applied-mathematics-engineering-physics-bs-amep/#advisingandcareerstext>) tab.

Students pursuing the BS-AMEP degree are not eligible to declare the following programs:

- Mathematics for Physical and Biological Sciences named option of the Mathematics major
- Mathematics certificate
- Physics certificate