MATHEMATICAL SCIENCES, B.S.

Begin Campus: Any Penn State Campus

End Campus: Harrisburg

Entrance to Major

Entry to the Mathematical Sciences General Option requires the following:

1. completion of MATH 140 and MATH 141 each with a grade of C or higher
2. a cumulative grade-point average of 2.0 or higher

Entry to the Mathematical Sciences Secondary Education Option requires the following:

1. completion of ENGL 15 or ENGL 30H, three credits of literature from approved list, MATH 140 and MATH 141 each with a grade of C or higher
2. a cumulative grade-point average of 3.0 or higher
3. satisfaction of any entrance testing requirements set out by the Pennsylvania Department of Education in effect at the time of application for the major
4. submission to the Teacher Education Office of current and clear background checks as required by the Pennsylvania Department of Education
5. submission of documentation of 20 pre-major field observation hours

Retention Requirements

Following entrance to the major, students in the Mathematical Sciences Secondary Education option will be evaluated for retention in the program based on:

1. maintaining a cumulative GPA of 3.0 or higher;
2. completion of required courses with a C or higher grade;
3. an acceptable or above rating on the Professional Dispositions for Teacher Education.¹
4. current and clear background checks as required by the Pennsylvania Department of Education

To be eligible to student teach, students must:

1. maintain a cumulative GPA of 3.0 or higher;
2. complete all required Content and Education Courses with a C or higher grade;
3. satisfy any entrance testing requirements set out by the Pennsylvania Department of Education in effect at the time of application for entrance to major;
4. be rated acceptable or above on the Professional Dispositions for Teacher Education.¹
5. have current and clear background checks as required by the Pennsylvania Department of Education.

In order to successfully complete the Secondary Education Mathematics Program, students must:

1. complete EDUC 490 with a grade of C or higher;
2. maintain a cumulative GPA of 2.0 or higher for degree completion
3. maintain a cumulative GPA of 3.0 or higher for Pennsylvania teacher certification
4. complete all required Content and Education Courses with a C or higher grade;
5. complete a program portfolio
6. for Pennsylvania teacher certification, be rated acceptable or above for all criteria on the Final Professional Dispositions Review for Teacher Education.¹

¹ For more detailed information see the Secondary Education Handbook.