

Graduate Programs in Mathematics

The Department of Mathematical Sciences offers graduate programs that are designed to prepare graduates for careers in teaching at the secondary and community college level, as well as for further study at the Ph.D. level. Programs emphasize broad training in the mathematical sciences with work in statistics, computing, and applied mathematics in addition to core mathematics.

Assistantships are available to full time students. To be considered for an assistantship, you must apply through the Graduate School by September 30 for Spring admission and March 30 for Fall admission.

Contact Information

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The Graduate School:

<http://www.graduate.appstate.edu/admissions/>



Master of Arts in Mathematics *Concentration: College Teaching*

This program is designed for students who are interested in pursuing a teaching career at the college level. It can qualify students for community college employment, or serve as excellent preparation for a Ph.D. program. The course of study follows the AMATYC (Association of Mathematics at Two Year Colleges) guidelines, and provides an excellent mix of graduate level mathematics and mathematical pedagogy. Students completing this program will have solid foundations in mathematics as well as knowledge of pedagogical issues such as collaborative learning, effective classroom teaching, assessment strategies, and the use of technology in the collegiate classroom.

Master of Arts in Mathematics Education *Concentration: Secondary School Teaching*

This program is designed for practicing teachers who are interested in furthering their secondary school teaching careers. The course of study follows the State of North Carolina guidelines for advanced (M) licensure in mathematics, and provides an excellent mix of graduate level mathematics and mathematical pedagogy. Students completing this program will have solid foundations in mathematics as well as knowledge of pedagogical issues such as educational leadership, effective classroom teaching and assessment strategies, and the use of technology in the classroom.

Interested in pursuing the MA Mathematics Education while serving to better the global community? Excellent!

Would you consider teaching in the Peace Corps? Why not work on your master's degree at the same time? Appalachian is pleased to offer three programs with Masters International status, including the MA Mathematics Education. The MA Mathematics Education degree program combined with a two year Peace Corps rotation is designed to provide the student with a unique learning opportunity. Students successfully admitted to both programs, will complete two semesters of coursework at Appalachian before beginning their Peace Corps service. Students will then return to Appalachian to finish their last semester. Students who are interested in pursuing this program should apply to the MA Mathematics Education program and the Peace Corps at the same time. For more information, go to:
<http://www.graduate.appstate.edu/admissions/programs/peacecorps.html>



Interested in completing the MA Mathematics, Secondary Education at one of our off-campus locations?

This program meets face-to-face in one of the ten northwestern North Carolina counties, with classes held evenings and/or weekends to accommodate work-day schedules. This program follows a cohort format: if enough demand is found in an area, a cohort of students is chosen from the applicant pool to work through the program together. Cohorts typically take courses year round, two courses at a time. Please visit the Office of Extension and Distance Education's website for more information.
<http://www.ext-dl.appstate.edu/>