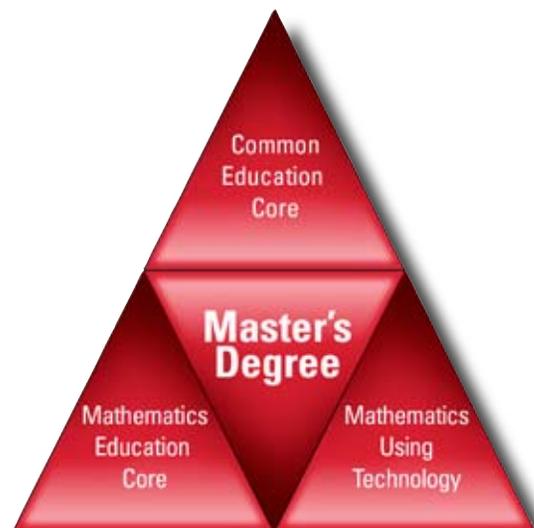


# Master's of Science in Education with a Concentration in Mathematics Education



## 36 Credit Hours

A program for licensed secondary teachers, students with an undergraduate degree in a mathematics education licensure program, and prospective college or university mathematics instructors.

## Contact Us

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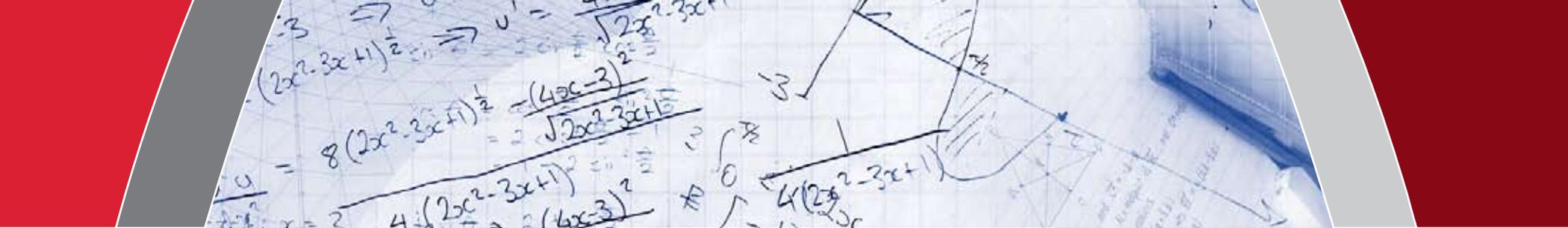
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mathematics  
EDUCATION

Master's Program



DEPARTMENT OF MATHEMATICS AND STATISTICS  
COLLEGE OF SCIENCE AND TECHNOLOGY  
COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT  
RADFORD UNIVERSITY



## Course REQUIREMENTS

### Common Education Core (12 hours)

- Educational Technology: Applications, Applied Research, and Integration (EDET 620)
- Educational Research (EDEF 606)
- Educational Foundations (EDEF 607)
- Principles and Practices of Multicultural Education (EDUC 670)

### Math Using Technology (18 hours)

- Foundations of the Number System (MATH 600)
- Algebraic Reasoning and Mathematical Structures (MATH 623)
- Algebra and Functions for Secondary Teachers (MATH 630)
- Euclidean and Non-Euclidean Geometry (MATH 635)
- Mathematical Analysis and Modeling (MATH 641)
- Applied Statistics for Teachers (STAT 644)

### Math Education (6 hours)

- Issues of Equity and Diversity in Mathematics Education (MATH/EDUC 620)
- Graduate Seminar: Theory and Practice in Mathematics Education (MATH/EDUC 650)

## Masters PROJECT

All students will complete an extensive teaching or research project in the Graduate Seminar (MATH/EDUC 650) course as a capstone experience to the masters program.

## Professional SEMINAR

A one-credit optional professional seminar is offered every semester. This seminar examines current issues in math education and focuses on reading, presenting, and critiquing professional math education literature. This seminar can be taken more than once.

## Program OUTCOMES

This program enhances secondary mathematics teachers' knowledge for teaching while providing the mathematical content preparation required for teaching at a two- or four-year college.



*U.S. News & World Report* has ranked Radford University 14th among public master's universities in the south in its 2010 Guide to America's Best Colleges.

Radford University is student centered

and focused on providing outstanding academic programs. Well known for its strong faculty/student bonds, innovative use of technology in the learning environment and vibrant student life on a beautiful campus, RU offers many opportunities to get involved and succeed in and out of the classroom.

**To apply, or for more information, go to:**

<http://www.radford.edu/gradcollege/>

