

Mathematics Education

The Mathematics Education major is designed to prepare students to teach mathematics in grades 5-12 in private and public schools. As an education major, you'll be mentored by professors who will guide and encourage you during your journey toward a degree and teacher licensure, and a classroom of your own! We have a wide range of P-12 school partnerships that will give you extensive interaction with current teachers in real classrooms as early as your sophomore year. You'll observe and assist in classrooms before you become a student teacher your senior year.

What Type of Work are Related to this Degree?

- Teaching in your area of specialty
- Private tutoring
- Creating/directing educational programs
- Curriculum development
- Instructional design (may require additional training in technology)
- Textbook editing
- Online education
- Student life/student affairs
- Corporate or business training and development
- Statistician
- Mathematical modeling
- English teachers overseas
- Teacher for US citizenship classes

Who Employs People with this Degree?

- Schools of all kinds—public, private, charter, international, government, residential
- Day care and nursery school
- Parks and Recreation departments
- Educational testing companies
- Curriculum/educational publishers
- School district offices
- Educational research firms
- Industries related to your subject area
- Non-profit organizations
- Universities and colleges
- Employee training programs

More information at ONETonline.org

General Strategies for Success:

- Requirements for certification/licensure vary by state; multiple certifications will increase employability. A master's degree will increase earning potential.
- Be willing to work hard at finding a job and to go where the jobs are.
- Obtain part-time, summer, internship, or volunteer experience with the age group you intend to work with in various settings: pre-schools, daycares, camps, community agencies, adult centers, YMCA's, etc.
- Participate in co-curricular activities and related organizations to broaden skills, interests, and opportunities.
- Identify transferable skills learned in teaching applicable to other careers: written and verbal communication, teaching and instruction, program planning, organization and record keeping, working under pressure and meeting deadlines, motivational skills, creativity, working autonomously, decision-making, problem solving.

Professional Associations

American College Personnel Association
American Educational Research Association
American Federation of Teachers
Association for Experiential Education
National Education Association
US Department of Education (listing of associations)
American Mathematical Society
Mathematical Association of America
National Council of Teacher of Mathematics
Society for Industrial and Applied Mathematics

This information represents possible occupations and strategies for careers with this major. As with any job or career, there may be additional qualifications or experience needed. For more information and options, make an appointment with Career & Leadership Development or check out our online resources on our website or on myUNW, Career & Leadership Development tab.