All MTSU graduate degrees are awarded through the College of Graduate Studies, which provides academic, financial, and other support services to students while upholding academic standards and ensuring that each program provides optimal experiences. In consultation with faculty, the college establishes policies and procedures to ensure judicious and selective admission decisions, rigorous adherence to academic standards, excellence in curricula, and selective faculty appointments.

Graduate applicants must have earned a bachelor's degree from an accredited institution. Exceptions are those seeking the Ed.S. or doctoral degree, which may require a master’s degree.

The minimum grade point average for unconditional admission as a degree-seeking student is 2.75 at the undergraduate level and 3.00 for all courses taken at the graduate level.

Applications for admission may be obtained from and submitted to the Graduate Office, 114 Cope Administration Building, MTSU, Murfreesboro, TN 37132 (on the Web at www.mtsu.edu/~graduate). Applications may also be requested by telephoning 1-877-MTSU-PHD (1-877-687-8743) or (615) 898-2840. Applications for persons who are not U.S. citizens will be processed by the International Programs and Services Office, Keathley University Center 124.

Admission into an individual program of study is a separate decision from acceptance into the College of Graduate Studies. Applicants should check the admission requirements and process for their intended graduate program.

The 500 acres of Middle Tennessee State University make up the oldest and largest public campus in the area. Easy to access because of its location at Tennessee’s geographic center, the University is only 30 miles from Nashville, the state capital.

MTSU is proud of its status as a comprehensive doctoral/research-intensive university. The College of Graduate Studies oversees more than 55 programs, including graduate certificates and master’s, specialist’s, and doctoral degrees. Total student enrollment is over 22,000; there are approximately 2,000 graduate students.

An example of the many University resources supporting graduate study is the James E. Walker Library, which has resources for reading, research, and group study. More than 350 computers are available for accessing local and international information and searching electronic databases. The Instructional Technology Support Center in McWherter Learning Resources Center provides facilities, equipment, training, and support for multimedia presentations, satellite downlinking, video, classroom presentations, etc.

Visit us on the Web at www.mtsu.edu/~graduate

Financial Aid

Limited numbers of graduate teaching assistantships, research assistantships, scholarships, and doctoral fellowships are available in addition to other forms of aid. Applications may be obtained from the College of Graduate Studies or from the appropriate academic department. Students must meet the requirements for admission to graduate school and have a cumulative GPA of 3.00 or higher.

The Student Financial Aid Office in 218 Cope Administration Building has information on various kinds of financial aid.
The Psychology Department at Middle Tennessee State University offers a Master of Arts degree in Psychology with a concentration in Quantitative Psychology. The primary educational objective of the Quantitative Psychology program is to prepare students for applied and research careers as statisticians, psychometricians, data analysts, and quantitative psychologists in education, business, government, and other organizations. Common activities performed by persons holding a master's degree in Quantitative Psychology include:

- analyzing empirical data obtained from scientific research;
- providing program evaluation and statistical consulting services for federal and local governments, private businesses, hospitals, schools, and other data collecting agencies;
- performing scientific research on psychometrics or statistical phenomena through theoretical derivations and simulation methods;
- developing and evaluating mathematical models of psychological phenomena; and
- developing and evaluating educational and psychological tests.

### Faculty members and areas of interest

**Yuh-Jia Chen**  
Ph.D., 2001, Columbia University  
Choice and decision making, probability learning, mathematical modeling, and organizational behavior.

**Dana K. Fuller**  
Ph.D., 1994, University of Oklahoma  
Robust statistics and outliers, categorical data analysis, and program evaluation.

**Jwa K. Kim**  
Ph.D., 1989, University of Oklahoma  
Differential item Functioning (DIF) and person-fit indices in item response theory (IRT), application of multivariate data analysis methods, development and validation of religiosity scales in different cultures.

**Michael Hein**  
Ph.D., 1990, Georgia Institute of Technology  
Measurement and validation of personality and work-related values.

Facilities in the Psychology Department include four computer laboratories, animal laboratories, apparatus for human and animal research, and laboratories with one-way mirrors and videotaping equipment. Computer software includes the standard MS Office applications as well as statistical software (SPSS and SAS), and software specific to the acquisition of human performance data (E Prime).

Visit us and apply online at www.mtsu.edu/~graduate.

The program consists of 45 semester hours of work.

#### Required specialty courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 6210/7210</td>
<td>Advanced Psychometrics</td>
</tr>
<tr>
<td>PSY 6280</td>
<td>Psychology Stats: Regression</td>
</tr>
<tr>
<td>PSY 6290</td>
<td>Psychology Stats: ANOVA</td>
</tr>
<tr>
<td>PSY 6460</td>
<td>Factor Analysis and Related Methods</td>
</tr>
<tr>
<td>PSY 6490</td>
<td>Practicum: Quantitative Psychology</td>
</tr>
<tr>
<td>PSY 6550</td>
<td>Structural Equation Modeling</td>
</tr>
<tr>
<td>PSY 6560</td>
<td>Computer-Based Statistical Packages</td>
</tr>
<tr>
<td>PSY 6580/7580</td>
<td>Multivariate Data Analysis</td>
</tr>
<tr>
<td>PSY 6585/7585</td>
<td>Test Construction and Validation</td>
</tr>
<tr>
<td>PSY 6640</td>
<td>Thesis</td>
</tr>
<tr>
<td>PSY 6660</td>
<td>Literature Review and Reading in Psychology-Quantitative (3 credits)</td>
</tr>
</tbody>
</table>

#### Electives

Students must take 12 elective credits in addition to required courses. The courses may be in psychology or related areas with the permission of the academic advisor.

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### Admission requirements

A score of 900 combined verbal and quantitative sections of the Graduate Record Examination and a minimum GRE-Quant score of 600 will be required for unconditional admission to the quantitative psychology program. Students who do not meet the minimum score may be considered for conditional admission. If admitted conditionally, the student must attain a 3.25 GPA in the first 12 required classroom graduate hours.

#### Application Process

Applications will be evaluated until all available slots are filled. In order to be considered for admission the following must be submitted:

- Graduate Record Exam (GRE) scores
- Official transcripts
- Letter of intent-stating goals and objectives
- Three letters of recommendation

#### Application Deadlines

- March 1: Fall Admission  
- October 1: Spring Admission

#### For Information

Psychology Department  
(615) 898-2706 • fax: (615) 898-5027  
www.mtsu.edu/~psych

Psychology Department, MTSU Box 87  
Murfreesboro, TN 37132

Dr. Dennis Papini, chair, dpapini@mtsu.edu  
Dr. Dana K. Fuller, dkfuller@mtsu.edu