I. **PROGRAM DESCRIPTION:** The master's degree program in Educational Statistics, Measurement and Evaluation (ESME) enables students to take a broad spectrum of courses within and outside the specialty area. The program does not require an extensive background in mathematics. An applicant for the program, however, should be comfortable in researching and solving educational and psychological problems using quantitative methods. Students who receive the Ed.M. are often employed as researchers or data analysts in the fields of social science research, educational testing, marketing research, or pharmaceutical research. The program is individually tailored to the student’s needs and attempts to provide maximum flexibility by encouraging students to pursue a minor area outside of the specialty. A total of 33 credit hours is required.

II. **APPLICATION DEADLINES:**
- Fall admission - February 1 deadline
- Spring admission - October 15 deadline

III. **APPLICATION REQUIREMENTS:** To be considered for admission to the program, applicants must provide the following before the deadline:
1. Personal statement
2. Three letters of recommendation
3. Current Graduate Record Exam (GRE) scores
   (Any test scores submitted must be less than 5 years old as of the application deadline. Scores must be official, not self-reported.)
4. Official undergraduate and graduate transcripts

Only complete applications will be reviewed.

IV. **HOW TO APPLY:** Applications are submitted online at the Graduate Admissions website:
   [http://gradstudy.rutgers.edu/](http://gradstudy.rutgers.edu/)
1. Click on “Apply Now” and follow the instructions given.
2. Choose “Degree Application”, for Application Type.
3. For Program Name choose “Education: Statistics and Measurement” from the drop down menu.
5. Complete the application by providing the requested information.
6. Supporting materials must be submitted online or mailed to the Graduate Admissions office at Office of Graduate and Professional Admissions (New Brunswick), Rutgers, The State University of New Jersey, 56 Bevier Road, ASB Annex I, Piscataway, NJ 08854, U.S.A.
7. Enter payment information for the non-refundable application fee.
8. Submit your application and authorize payment for the non-refundable application fee.
### V. PROFESSIONAL EDUCATION REQUIREMENTS:

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<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Credits</th>
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<th>Total</th>
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<tbody>
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<td>15:291:531</td>
<td>Statistical Methods I*</td>
<td>3</td>
<td></td>
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</tr>
<tr>
<td>15:291:532</td>
<td>Statistical Methods II*</td>
<td>3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16:300:515</td>
<td>Quantitative Research Methods in Education: ANOVA</td>
<td>3</td>
<td></td>
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<tr>
<td>16:300:519</td>
<td>Quantitative Research Methods in Education: Regression</td>
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<td>15:291:515</td>
<td>Psychometric Theory I</td>
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<tr>
<td>16:300:683</td>
<td>Applied Multivariate Analysis or</td>
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<tr>
<td>16:300:685</td>
<td>Causal Modeling or</td>
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<td>Item Response Theory</td>
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<td>15:291:520</td>
<td>Program Evaluation: An Introduction to Methods and Practice</td>
<td>3</td>
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</table>

**Statistics Courses**

**Electives in Minor Area**
- Grad level
- Grad level

**Electives from Department of Educational Psychology**
- Grad level
- Grad level

<table>
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<tr>
<th>Course Number</th>
<th>Course Name</th>
<th>Credits</th>
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<tr>
<td>245 College Student Affairs</td>
<td>290 Educational Psychology</td>
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<tr>
<td>293 Special Education</td>
<td>294 Gifted Education</td>
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<tr>
<td>295 Learning Cognition &amp; Development</td>
<td>297 Counseling Psychology</td>
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</table>

**Total Credits**

* Students can take an additional advanced statistics or measurement course in lieu of Statistical Methods I
** Students can take 16:300:511 Quantitative Methods plus an additional advanced statistics or measurement course in lieu of Statistical Methods I & II.

### VI. COMPREHENSIVE EXAMINATION:

No comprehensive examination is required.

### VII. PROGRAM FACULTY:

**Chia-Yi Chiu**
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- email: chia-yi.chiu@gse.rutgers.edu
- office: 326