



**Department of Education  
Faculty of Arts and Sciences**

**MA in Education: Educational Psychology Tests & Measurement (EPTM)**

**Introduction**

The MA in Education: Educational Psychology Tests & Measurement (EPTM) track is comprised of 21 credits and a 9-credit thesis distributed as follows:

1. Three required courses: Ed 315, Ed 321, and a Foundation course (this has changed)
2. Three specialization courses: Ed 317, Ed 318, and Ed 319.
3. One elective

The T&M courses present a sequence of courses covering the tests & measurements field including psychological and classroom assessment in addition to latest trends, issues, and applications in measurement. The below paragraphs provide descriptions of the specialization courses in T&M.

**1. Education 317, Theory and Method of Testing.**

A seminar on the theory and practice of test construction and use. Classical Testing Theory (CTT), the modern Item Response Theory (IRT), and Generalizability Theory (GT) are discussed. The goal of the course is to build a broad background of information and skill for the proper evaluation of psychological tests and the correct interpretation and use of test results. A wide variety of tests are examined, with emphasis on major tests of intelligence and aptitude, achievement, and personality. The student is expected to achieve adequate familiarity with at least one test from each type.

**2. Education 318, Test Construction in Education**

A seminar on construction of classroom tests. It emphasizes the principles and procedures of testing and evaluation that are of primary importance to teachers. Its goal is to help student teachers use evaluation to improve both the teaching process and the learning process. It assumes no prior knowledge of measurement or statistics. As competence in educational measurement includes both understanding and skill, readings will be accompanied by numerous exercises and by practice in constructing classroom tests.

**3. Education 319, Issues, Trends, and Applications in Measurement.**

Education 319 is the third specialization course for the area of concentration Educational Psychology/Tests & Measurement in MA in Education Program. Course provides

- a. an overview of issues, both methodological and conceptual, in the field of measurement and evaluation,
- b. current perspectives and future directions in both test theory and practice.
- c. Includes a practicum that focuses on developing students' skills in standardized test administrations, test scoring and score reporting.

The below tables provide descriptions of the MA requirements for T&M (Thesis and Project tracks).

**Table. 1**

***MA Program Requirements for Tests & Measurement: Thesis Track***

Components/course	Number of credits
<b>1. Core (6 Credits)</b> <ul style="list-style-type: none"> <li>• EDUC 315: Advanced Educational Psychology</li> <li>• EDUC 321: Research Methods</li> </ul>	 3 3
<b>2. Specialization Courses (9 Credits)</b> <ul style="list-style-type: none"> <li>• EDUC 317: Theory and Method of Testing</li> <li>• EDUC 318: Test Construction in Education</li> <li>• EDUC 319: Issues, Trends, and Applications in Measurement</li> </ul>	 3 3 3
<b>3. Elective Courses (6 Credits)</b> Students can select two courses from the following: <ul style="list-style-type: none"> <li>• EDUC 322: Applied Behavior Analysis</li> <li>• EDUC 326: Curriculum Design</li> <li>• EDUC 330: Theories in Guidance and Counselling</li> </ul>	 3 3
<b>4. Thesis</b>	9
<b>Total credits</b>	30

**Table. 2**

***MA Program Requirements for Tests & Measurement: Non-Thesis Track***

Components/course	Number of credits
<b>4. Core (6 Credits)</b> <ul style="list-style-type: none"> <li>• EDUC 315: Advanced Educational Psychology</li> <li>• EDUC 321: Research Methods</li> </ul>	 3 3
<b>5. Specialization Courses (9 Credits)</b> <ul style="list-style-type: none"> <li>• EDUC 317: Theory and Method of Testing</li> <li>• EDUC 318: Test Construction in Education</li> <li>• EDUC 319: Issues, Trends, and Applications in Measurement</li> </ul>	 3 3 3

<p><b>6. Elective Courses (12 Credits)</b>  Students can select two courses from the following:</p> <ul style="list-style-type: none"> <li>• EDUC 322: Applied Behavior Analysis</li> <li>• EDUC 326: Curriculum Design</li> <li>• EDUC 330: Theories in Guidance and Counselling</li> <li>• PSYC 354: Psychological Assessment and Lab</li> <li>• PSYC 356: Introduction to Cognitive and Behavioral Interventions</li> </ul>	<p>3 3 3 3</p>
<p><b>4. Project</b></p>	<p>3</p>
<p><b>Total credits</b></p>	<p>30</p>