

Master of Education (Educational Assessment)

Course Code	Course Title	Course Synopses	AU
MED900	Educational Inquiry	This course introduces participants to the fundamental processes involved in conducting research such as formulating research questions, writing a review of the literature by synthesizing empirical studies, understanding various methodological approaches, collecting and interpreting research data. Participants in this course will have opportunities to develop the skills, knowledge and strategies needed to read, interpret, and evaluate the quality of research reports. In addition, participants will gain a critical understanding of quantitative, qualitative, and combined research approaches.	4
MED902	Integrative Project	This capstone course requires participants to identify an education issue which forms the focus of inquiry, locate and read the most relevant literature to generate suggested potential solution to address the problem. The solution should show evidence that they are able to take the available information and restructure it in an appropriate way to deal with the issue.	2
MPM901	Assessment Principles and Methods	A foundational knowledge of measurement and assessment in education is requisite to the MEd (Educational Assessment) specialization. This course introduces participants to the general process of educational assessment and the key concepts, principles, and techniques of assessment.	4
MPM902	Design of Assessment Systems	This course provides a MEd (Educational Assessment) graduate with the expertise to design an assessment system that is aligned with the curricular or programme goals. It is important that the values and emphases conveyed by the assessment strategy, links assessment with students learning and avoids unintended consequences.	4
MPM903	Measurement Theories	The notion of measurement is crucial to the theories, principles and methods of educational assessment. Knowledge of the theories of measurement that underpin assessment, and the issues inherent in measurement, is fundamental to the research, development and use of educational assessment.	4

Master of Education (Educational Assessment)

Course Code	Course Title	Course Synopses	AU
MPM904	Attitude Measurement and Personality Assessment	This course covers the non-cognitive aspects of educational assessment. Non-cognitive attributes such as attitudes, interests, and personality are important to education for the 21st century. The course complements those of cognitive assessments, to provide the breadth of knowledge for a MEd (Educational Assessment) graduate.	4
MPM905	Programme Evaluation	It is important that stakeholders are able to know if current programmes in schools and organisations are effective and are bringing about the intended outcomes as planned. Periodic monitoring is also important to ensure that the standard and quality of the programmes remain robust. This course is therefore designed to help practitioners learn the skills of programme evaluation to enable them to appraise educational, social and community programmes in their organisations in a scientific and systematic manner - one that is grounded in the science of programme evaluation. As a specialisation elective, the course caters to the interested MEd (Educational Assessment) student.	4
MPM907	Children Cognitive Development and Assessment	Childrens cognitive development is the emergence of the ability to process information, think, and understand. Understanding childrens cognitive development is essential for curriculum development, effective teaching, and good policy making.	4
MPM908	Assessment and Development of 21st Century Competencies	The 21st century is often described as a VUCA world one that is volatile, uncertain, complex, and ambiguous. With new demands coming from the 21st workplace, it is thus imperative for educators in various educational institutions to develop students capacities to match the needs of the students future workplace. This thus indicates an imperative need to change the way educators craft their lessons and learning tasks so as to provide students with ample opportunities to gain authentic learning experiences and enable the transfer of relevant knowledge and skills from their classrooms to solve real world problems.	4

Master of Education (Educational Assessment)

Course Code	Course Title	Course Synopses	AU
MPM909	Elementary Statistics for Education	This course provides the MEd (Educational Assessment) graduate student with the skills and understanding of elementary statistics and their applications in the social and behavioural sciences. Basic statistical literacy is required in a critical reading of research literature and in conducting sound research. It is essential knowledge for a MEd(Educational Assessment) graduate working in the field of educational measurement and evaluation	4
MPM910	Multivariate Statistics	This course is designed for higher degree students who want to apply different multivariate statistical methods into applied fields such as educational measurement, experimental/quasi-experimental studies and correlational studies. The students will get hands-on experience in running SPSS and AMOS to analyze data.	4
MPM911	Applied Regression Analysis	This course is designed to equip higher degree students as well as teachers with the basic concepts and methods of regression analysis. The course will cover how regression analysis can be applied to answering research questions, in particular, in the educational context. The students will get hands-on experience in running relevant statistical software to run regression analyses to analyze data.	4
MPM912	Assessment of Children and Youth	<p>The increased identification of children with special needs entails a more nuanced approach towards educational programming. The diverse profile that students with special needs requires a detailed assessment of their individual strengths and needs.</p> <p>This course offers an introduction to assessment and testing of children with special needs. It combines the introduction of the theories and concepts in assessment, with evidence-based practices when assessing children.</p> <p>Participants in this course will have direct experiences with screening, standardized, criterion-referenced, and behavioral assessment. Through these experiences, they will link the theories and concepts in measurement and child development with the practical guidelines, procedures, and applications.</p>	4

Master of Education (Educational Assessment)

Course Code	Course Title	Course Synopses	AU
MPM913	Practices of Certification Examinations	This course focuses on the practices of developing certification or external examinations by testing agencies such as examination boards. The topics covered in the course involve test specialists' roles, activities, deliverables, outcomes, and interests in the delivery of certification examinations. Across the topics, there will be emphasis on technical skills, practice philosophy, thinking and decision-making processes, ethical standards, codes of conduct, and professional responsibility. While the primary aim is to equip students with the knowledge, skills, and values of a test specialist in delivering certification examinations, the course may also be useful to those who work with test specialists (e.g., curriculum planners and developers, examination regulators, contractors, trainers, and services suppliers) in an effective education system. Students whose professional roles are classroom teachers may be interested to know more about the work of test specialists in test agencies.	4