

Academic Program Mission, Goals, and Outcomes

Academic Program	MS in Measurement & Assessment in Higher Education
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Degree Finder Link	njit.edu/academics/degree/ms-mahe

Program Mission Statement

The mission of NJIT's MS in Measurement and Assessment in Higher Education is to prepare students for work in institutions of higher education with a focus on educational assessment and continuous improvement by providing them with skills and experience in data collection, management, processing, analysis, and reporting. These will be applied through the design, implementation, assessment, and revision of an educational assessment system.

Program Goals and Student Learning Outcomes

Program Goal #1:

Program graduates will investigate the history and current context of educational assessment and continuous improvement in higher education.

Student Learning Outcome (SLO) 1.1:	Curriculum Mapping
Students will be able to investigate and discuss the history of higher education in the United States in a global context.	ASMT 501 – History of Higher Education

Student Learning Outcome (SLO) 1.2:	Curriculum Mapping
Students will be able to investigate and discuss the history of educational assessment in the context of higher education.	ASMT 502 – History of Assessment in Higher Education

Student Learning Outcome (SLO) 1.3:	Curriculum Mapping
Students will be able to identify the current challenges and trends in assessment in the context of higher education.	ASMT 503 – Challenges and Trends in Higher Education Assessment

Program Goal #2:

Program graduates will administer data collection from, and the management of, database management systems.

Student Learning Outcome (SLO) 2.1:	Curriculum Mapping
Students will be able to construct SQL queries to collect data from student information systems.	ASMT 510 – Introduction to SQL

Student Learning Outcome (SLO) 2.2:	Curriculum Mapping
Students will be able to manage and maintain SQL databases that pull data from student information systems.	ASMT 511 – SQL Database Management

Program Goal #3:

Program graduates will transform data into actionable knowledge for use in assessment.

Student Learning Outcome (SLO) 3.1:	Curriculum Mapping
Students will be able to identify useful information contained in data collected from student information systems to inform assessment.	ASMT 601 – Data and Reporting in Higher Education

Student Learning Outcome (SLO) 3.2:	Curriculum Mapping
Students will be able to design data visualizations and other reporting mechanisms to communicate useful information to stakeholders to inform assessment.	ASMT 602 – Data Visualization and Reporting

Student Learning Outcome (SLO) 3.3:	Curriculum Mapping
Students will be able to analyze reported information to identify areas where continuous improvement should be focused.	ASMT 603 – Data Analysis for Assessment in Higher Education

Program Goal #4:

Program graduates will be able to communicate and collaborate with stakeholders to effectively and efficiently guide, support, and facilitate assessment processes.

Student Learning Outcome (SLO) 4.1:	Curriculum Mapping
Students will be able to identify stakeholder groups and describe their roles in students' academic success and overall experience to inform assessment facilitation.	ASMT 610 – Structures and Roles for Student Success and in Higher Education

Student Learning Outcome (SLO) 4.2:	Curriculum Mapping
Students will be able to communicate with institutional stakeholders effectively and professionally to facilitate assessment.	ASMT 611 – Professional and Technical Communication

Student Learning Outcome (SLO) 4.3:	Curriculum Mapping
Students will be able to administer assessment processes in a timely and organized fashion to ensure effective, efficient, and beneficial assessment practices.	ASMT 612 – Project Management for Assessment

Program Goal #5:

Program graduates will design, implement, assess, and revise systems for assessment and continuous improvement.

Student Learning Outcome (SLO) 5.1:	Curriculum Mapping
Students will be able to design a strategy, cycle, and related processes for assessment and continuous improvement to ensure effective, efficient, and beneficial assessment practices.	ASMT 620 – Strategies for Assessment in Higher Education

Student Learning Outcome (SLO) 5.2:	Curriculum Mapping
Students will be able to implement a strategy, cycle, and related processes for assessment and continuous improvement to ensure effective, efficient, and beneficial assessment practices.	ASMT 621 – Assessment in Practice

Student Learning Outcome (SLO) 5.3:	Curriculum Mapping
Students will be able to assess and revise an assessment strategy, cycle, and related processes for assessment and continuous improvement to ensure effective, efficient, and beneficial assessment practices.	ASMT 622 – Assessing and Improving Assessment

Program Goal #6:
Program graduates will research, write, and defend a thesis that serves as an original contribution to the field of higher education assessment.

Student Learning Outcome (SLO) 6.1:	Curriculum Mapping
Students will be able to be able to construct a research plan using quantitative and qualitative research methods.	ASMT 701 – Research Methods and Design

Student Learning Outcome (SLO) 6.2:	Curriculum Mapping
Students will be able to successfully research, write, and defend a thesis that serves as an original contribution to the field of higher education assessment.	ASMT 702 – Thesis Seminar