

Department of Mathematics 2019–2023 Assessment Plan

Data is collected, analyzed, and aggregated on a continual basis, but each Student Learning Outcome is only assessed every three to five years (unless there is a need for higher frequency) based on the number of Student Learning Outcomes for the program. Each period, a subset of the assessment committee will assess the sample materials and assign scores based on a rubric for each Outcome. If the result of the assessment is below a chosen threshold, then the assessment committee will, in consultation with the department chair and, if necessary, the department Curriculum Committee make recommendations to improve those outcomes.

Student Learning Outcome	Year	Material Assessed
BA Mathematics		
1. Proofs	2021	Written solutions samples from MATH 350
2. Communication	2022	Written and oral presentation samples from MATH 380
3. Problem Solving	2023	Written solution samples from MATH 335
4. Marketability	2020	Survey to graduated students
5. Technological Proficiency	2019	Code samples from MATH 320
MA Mathematics (Applied Option)		
1. Problem Solving	2021	Student grades in MATH 597
2. Communication	2020, 2023	Written and Oral Reports in MATH 497
3. Marketability	2019, 2022	Survey to graduated students
MA Mathematics (Teaching Option)		
1. Problem Solving	2021	Student grades in MATH 587
2. Marketability	2019, 2022	Survey to graduated students
3. Communication	2020, 2023	All coursework, comprehensive exams, and 25–40 page research paper

For the most up-to-date information, please contact the program.