

Program Assessment Plan for Mathematics, B.S

Program Mission	To provide the students with the competency to employ quantitative reasoning to make informed judgments in a real-life situation, to utilize logical and critical thinking to advance mathematics and the sciences, and to make contributions to the society by promoting mathematical reasoning and thinking.
Curriculum	The curriculum provides more than one opportunity for students to meet the Program Learning Objectives
Key Courses And Assignments	The Educational Testing Services' Mathematics Major Field Test is required for graduation. It is a standardized test that provides a wealth of pertinent assessment data.

Program Learning Outcomes to be Assessed

PLO	1). Demonstrate college-level knowledge in foundational mathematics	ILOs to which the PLOs map	1,3
Year:	Year 1 Spring 2015		
Is the evidence Direct or Indirect	direct evidence		
Where in the program does the evidence reside?	The evidence resides in the Item Information Reports from the ETS Major Field Test.		
What tools are necessary to collect evidence? (Rubrics, Portfolio, Embedded Exam Questions etc.)	the University's subscription to the ETS' Pre		
Benchmarks	Yes, namely, comparison with national results.		
ListOfSources	Review Item Information Reports from the ETS Major Field Test.		

Program Learning Outcomes to be Assessed

PLO	2).Demonstrate competence in analytical and critical reasoning	ILOs to which the PLOs map	1
Year:	Year 3 AY 2016-17		
Is the evidence Direct or Indirect	To be determined.		
Where in the program does the evidence reside?	To be determined.		
What tools are necessary to collect evidence? (Rubrics, Portfolio,Embedded Exam Questions etc.)	To be determined.		
Benchmarks	To be determined.		
ListOfSources	To be determined.		

Program Learning Outcomes to be Assessed

PLO	3).Demonstrate college-level knowledge in applied mathematics	ILOs to which the PLOs map	1,3
Year:	Year 2 AY 2015-16		
Is the evidence Direct or Indirect	direct evidence		
Where in the program does the evidence reside?	The evidence resides in the Item Information Reports from the ETS Major Field Test.		
What tools are necessary to collect evidence? (Rubrics, Portfolio,Embedded Exam Questions etc.)	the University's subscription to the ETS' Pre		
Benchmarks	Yes, namely, comparison with national results.		
ListOfSources	Review Item Information Reports from the ETS Major Field Test.		

Program Learning Outcomes to be Assessed

PLO	4).Demonstrate college-level knowledge in algebra/geometry	ILOs to which the PLOs map	1,3
Year:	Year 1 Spring 2015		
Is the evidence Direct or Indirect	direct evidence		
Where in the program does the evidence reside?	The evidence resides in the Item Information Reports from the ETS Major Field Test.		
What tools are necessary to collect evidence? (Rubrics, Portfolio,Embedded Exam Questions etc.)	the University's subscription to the ETS' Pre		
Benchmarks	Yes, namely, comparison with national results.		
ListOfSources	Review Item Information Reports from the ETS Major Field Test.		

Program Learning Outcomes to be Assessed

PLO	5).Demonstrate college-level knowledge in analysis	ILOs to which the PLOs map	1,3
Year:	Year 2 AY 2015-16		
Is the evidence Direct or Indirect	direct evidence		
Where in the program does the evidence reside?	The evidence resides in the Item Information Reports from the ETS Major Field Test.		
What tools are necessary to collect evidence? (Rubrics, Portfolio,Embedded Exam Questions etc.)	the University's subscription to the ETS' Pre		
Benchmarks	Yes, namely, comparison with national results.		
ListOfSources	Review Item Information Reports from the ETS Major Field Test.		

Program Learning Outcomes to be Assessed

PLO	6).Read, write, and communicate mathematics effectively	ILOs to which the PLOs map	1,3
Year:	Year 3 AY 2016-17		
Is the evidence Direct or Indirect	To be determined.		
Where in the program does the evidence reside?	To be determined.		
What tools are necessary to collect evidence? (Rubrics, Portfolio,Embedded Exam Questions etc.)	To be determined.		
Benchmarks	To be determined.		
ListOfSources	To be determined.		

Program Learning Outcomes to be Assessed

PLO	7).Demonstrate college-level knowledge in fields related to mathematics	ILOs to which the PLOs map	1,3
Year:	Year 3 AY 2016-17		
Is the evidence Direct or Indirect	To be determined.		
Where in the program does the evidence reside?	To be determined.		
What tools are necessary to collect evidence? (Rubrics, Portfolio,Embedded Exam Questions etc.)	To be determined.		
Benchmarks	To be determined.		
ListOfSources	To be determined.		