

NEW PLOs for 2014

BS Mathematics Programs

PLO #1

The student will use mathematical models to solve practical problems.

PLO # 2

The student will read mathematics with understanding and communicate mathematical ideas with clarity and coherence.

PLO #3

The student will perform standard mathematical computations with accuracy.

PLO # 4

The student will use technology to solve mathematical problems.

BA Programs including the BA Math with Teacher Prep

PLO #1

The student will reason logically to conclusions, including the ability to use precise definitions and various forms of logical argument.

PLO # 2

The student will read mathematics with understanding and communicate mathematical ideas with clarity and coherence.

PLO #3

The student will perform standard mathematical computations with accuracy.

PLO # 4

The student will use technology to solve mathematical problems.

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MS Math PLO's

PLO # 1 : The student will read, understand, and explicate journal articles in mathematics related to students area of specialty.

PLO # 2: The student will communicate mathematics effectively both orally and in writing.

MS Statistics Program Learning Objectives

Goal 1: The student will communicate statistical ideas effectively,

Goal 2: The student will use technology effectively to assist in solving large statistical problems.

Goal 3: The student will use statistical modeling to solve practical problems.

Date submitted February 27, 2014

Degree Program(s)	BS Math degrees	Department	Mathematics
Department Chair	Bem Cayco	Phone	924-5173
Report Prepared by	Bem Cayco	Phone	924-5173
Next Program Plan due	?	E-mail	Bem.cayco@sjsu.edu

Note: Schedule is posted at: <http://www.sjsu.edu/ugs/programplanning/>

SCHEDULE OF ASSESSMENT ACTIVITIES*

Please complete the schedule of assessment activities below by listing all program Student Learning Outcomes (SLOs) by number down the left column.

At least once each program planning cycle the department must collect data on student performance for each SLO. Most semesters focus should be on improving student performance, that is implementation of a change, and/or measuring the results of the change.

PLOs	Program Planning Cycle
	<u>Assessment Schedule</u>
1	Math 178 Spring 2015
2	Math 161B Spring 2017
3	Math 138 Spring 2016
4	Math 143 M Fall 2015

Date submitted February 27, 2014

Degree Program(s)	BA Math/Teacher Prep	Department	Mathematics
Department Chair	Bem Cayco	Phone	924-5173
Report Prepared by	Bem Cayco	Phone	924-5173
Next Program Plan due	?	E-mail	Bem.cayco@sjsu.edu

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PLOs	Program Planning Cycle
	<u>Assessment Schedule</u>
1	Math 108 Fall 2018
2	Math 161B Spring 2017
3	Math 138 Spring 2016
4	Math 143 M Fall 2015

Statistics Graduate Program

PLOs	Program Planning Cycle <u>Assessment Schedule</u>
1	Math 269 Fall 2014
2	Math 267 Spring 2016
3	Math 261 A Fall 2016