

Course alignment to the program goals

As of 2014-2015

Program: Liberal Arts and Sciences: Mathematics (A.S.)					
Program Goals <i>A goal of this program is to ...</i>	Prepare students to solve mathematical problems using mathematical techniques and technology	Provide students with a solid foundation in algebra, calculus, and statistics	Prepare students to effectively communicate the solutions to mathematical problems	Meets general ed. Requirement	Meets graduation requirement
ILO Reference <i>To which ILO(s) do the PLO(s) link?</i>	(B) (C)	(C)	(A) (C)		
Program Learning Outcomes <i>Successful graduates from this program will be able to...</i>	Manipulate and analyze data to solve. Mathematical problems	Demonstrate analytical abilities in organizing, data gathering, synthesizing and evaluating	Demonstrate solutions to mathematical problems in written form, oral form and using proofs		
Assessment Tools	Exams Quizzes Homework Labs And/or projects	Exams Quizzes Homework Labs And/or projects	Exams Quizzes Homework Labs And/or projects		
EN 111				X	X
FS 100					X
MA 245	X I/A	X I/A	X I	X	X
SC 133	X	X	X	X	X
EN112				X	X
MA 246	X A/P	X A/P	X A	X	X
SC 134	X	X	X	X	X
IS 124	X	X			X
IS 171	X	X			X
MA 247	X A/P	X A/P	X A/P	X	X
MA 262	X A/P	X A/P	X A/P	X	X
MA 251	X A	X A/P	X A/P	X	X
MA 254	X A	X A	X A	X	X
MA 255	X A	X A	X A	X	X
Social Science Elective				X	X
PE Activity x2					X
Social Science Selective				X	X
American History Selective				X	X
Arts Selective				X	X
Elective					X
Humanities				X	X
Western Civilization Selective				X	X