


Degree Program Assessment Plan

Name of Department Computer and Mathematical Sciences

Name of Degree Program Bachelor of Arts in Mathematics

Date Plan Submitted February 14, 2008

Dean's Approval 
 (Dean's signature)

List of learning outcomes to be assessed and the methods of assessment to be used for each. Also establish a timetable for conducting was assessment for the next 6 year.

(Each program must identify a minimum of three student learning objectives that it is committing to assess on an ongoing basis. Assessments of learning objectives may be scheduled at intervals of up to three years, but departments must complete at least one formal assessment of one program learning objective must be conducted each year.)

Learning Objectives	Methods of Assessment	Direct or Indirect	Time-Table 2006 -2012
1. Graduates will have basic knowledge in several fundamental areas of mathematics that reflect its breadth: continuous and discrete; algebraic and geometric; deterministic and stochastic; theoretical and applied	Final exams, Senior Project/Writing Course, Research Poster, Conference presentation, Graduate & Professional School Admissions	Direct	2012-2013
2. Graduates will have analytical, critical reasoning and problem-solving skills	Final exams, Senior Project/Writing Course, Research Poster, Conference presentation, Graduate & Professional School Admissions	Direct	2011-2012
3. Graduates will be able to understand and write proofs	Final exams, Senior Project/Writing Course, Research Poster, Graduate & Professional School Admissions	Direct	2008-2009, 2011-2012
4. Graduates will be able to communicate mathematical knowledge, both orally and in writing	Final exams, Senior Seminar, Senior Project/Writing Course, Research Poster, Internships, Conference presentation, Science Clubs, Graduate & Professional School Admissions	Direct	2009-2010, 2012-2013
5. Graduates will be proficient in a single area of mathematics in depth	Senior Project/Writing Course, Research Poster, Conference presentation, Graduate & Professional School Admissions	Direct	2007-2008, 2010-2011

6. Graduates will have skills with several technological tools in math settings	Senior Project/Writing Course, Research Poster, Conference presentation	Direct	Fall 2007, 2009-2010
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