

Program Action Plan for Mathematics

Implementation of Program Review Recommendations

Developed from Program Review Conducted 2007-2009

The Program Action Plan is an agreement among the Provost, Dean of Faculty, and Program Chair to implement recommendations that emerged during the program review process. These recommendations were derived from the program's self-study, the external review, and the PARC review. Through the Program Action Plan, the goal is to integrate program review results into Academic Affairs planning and budgeting. To the extent that resources and changes in program and division strategic priorities permit, the Action Plan identifies two-year and five-year targets for implementation of recommendations.

				TWO YEAR PLAN	FIVE YEAR PLAN
REVIEW RECOMMENDATIONS	PROGRAM CITATION AND RATIONALE	RESPONSIBLE PARTIES	RESOURCE IMPLICATIONS	DELIVERABLE 2011	DELIVERABLE 2014
PROGRAM PURPOSE AND UNIVERSITY GOALS					
Provide evaluation data to make more persuasive the Math program's resource needs and requests.	Dean's comments (p. 1);	Chair	Tie to Strategic Plan		
Reconsider the list of Math concentrations with an eye to deciding which are essential to the mission of the program and university.	External review (p. 5); PARC report (p.2)	Chair/Faculty	Review curriculum to streamline concentrations		
ACHIEVING EDUCATIONAL OUTCOMES/ASSESSMENT					
External reviews offer several curriculum recommendations for Math to consider, including requiring a mathematical proof writing course, requiring attendance in the Math 399 lab, and reviewing the large number of concentrations.	PARC report (p. 2); External review (p. 5)	Chair/Faculty	Curricular Review		
Course student learning outcomes should be reviewed for assessability and linked to program outcomes	PARC report (p. 3); Dean's comments.	Chair/Faculty	Assessment Plan		
Student learning outcomes for courses and the program should be made available to students, on the website or elsewhere.	PARC report (p. 3)	Chair/Faculty	Assessment Plan		
Math systematically assess its program outcomes, collecting data on each of them in sequence, and making that data available.	PARC report (p. 3); External review (p. 11); dean's recommendations (p. 1)	Chair/Faculty	Assessment Plan		

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DEVELOPING RESOURCES TO ENSURE SUSTAINABILITY					
Increase in tenure track hiring in Math needed to reduce the high part- to full-time faculty student ratio.	PARC report (p. 4); Self-study recommendations (p. 33); External review (p. 2)	Provost/Dean/Chair	Hiring Plan		
Math is a heavy service program to the University and to general education. Quantification of Math's service component should help measure both the effectiveness and resources needs to Math in that role.	PARC report (p. 4)	Chair			
Some mechanism for building in costs of software and computer acquisitions into the program's base budget needs to be developed.	PARC report (p. 4); Self-study recommendations (p. 33); External review (p. 4)	Dean/Chair/IT	Examine operating base budgets		
Additional computer lab space, near Math program offices. Informal gathering space for Math student near faculty offices.	External review (p. 4)	Associate Dean/Chair			
Ensuring adequate blackboard space in classrooms.	External review (p. 4)	Associate Dean/Chair			

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CREATING A LEARNING CENTERED ORGANIZATION/STRUCTURE					
In its recommendations on program improvement, Math notes a need to identify 'which elements of our program should retain priority and which should be dropped.' Perhaps the time is appropriate for Math to engage in a planning exercise to identify program priorities and resource needs.	PARC report, (p. 2); Math self-study (p. 33);	Chair/Faculty	Develop Strategic Plan		
Program should establish regular communication mechanisms between the chair and faculty, such as regular meetings.	PARC report, (p. 4); External review (p. 3)	Chair			
With help of admissions and records, develop a database of their alumni and communicate with them.	External review (p. 5)	Chair/Faculty Support Coordinator/Alumni & Friends			