

# **Program Review for Math**

Development of Action Steps

## **General Comment:**

Impressed with the program.

## **Commendations:**

1. Program is functioning well
2. Courses are offered in a responsive and efficient manner
3. Tenured and tenure-track faculty make significant research contributions and are active participants at the CUNY Graduate Center
4. Tenured and tenure-track faculty provide transformational experiences for Lehman undergraduates
5. Good relations between the department's faculty and its administration (Chair)
6. Cooperative spirit exists within the ranks of the department's faculty

## **Identified Issues:**

No major issues identified. Recommendations were made to sustain and further strengthen the program and its activities.

## Recommendations:

Recommendation	Strengths Leveraged/Issues Addressed	Notes	Responsible Party	Actions Taken
1. The department should define and emphasize the structure of its majors and minors, and expectations for students who will study mathematics at advanced levels.	Opportunity for growth	<p>Reviewers felt that too much emphasis was placed on service to other departments; should give more through to own majors/minors.</p> <p>Have something similar to an “Honors track” for encouraging students to pursue graduate studies (dual credit program). Students could apply for Lehman graduate program or prepare for graduate study elsewhere.</p>	Dean Program	The Awards dinner last spring and Fall 2023 colloquium reflects greater emphasis on the program’s own majors/minors
2. Develop a robust program in statistics and data science	Opportunity for growth	<p>Reviewers felt that a program in statistics and data science should be of the “highest importance”</p> <p>Would be helpful to have more faculty to further develop the statistics and data science program</p>	Dean Program	In the works in collaboration with Computer Science (emphasis right now is on computer science); MAT 301 data analysis class is being reworked
3. Two tenure-track or tenured hires in statistics	Opportunity for growth (Math Department’s Goal 1)	<p>Cost: \$XXX</p> <p>The Department didn’t specify hiring in the statistics area, but the reviewers said that such hires should be high priority.</p> <p>Hiring statisticians will be challenging. Should look at how other CUNY schools are hiring statisticians for examples of how it’s being done.</p> <p>Statement of what a statistician would look like? We would value...</p> <p>Clinical professor model to build the statistics program? 7-year restriction/no salary restriction</p>	Provost Dean Program	Several people are moving into “semi-retirement” phase.

4. Faculty lines should remain commensurate with retirements and resignations	Sustaining the program	Cost: \$XXX	Provost Dean	Has been current practice.
5. The annual budget for the Math & Statistics Student Success Center should be made available before August and, if possible the budget should be increased (staffing, additional hours)	Enhanced planning and sustaining the program	Cost: \$XXX	Provost Dean Program	Conversations with the Provost are ongoing to institutionalize the base budget for the Student Success Center
6. Work with administration to establish clear policies on reassigned time for both grant supported and non-grant-supported scholarly activities.	Math Department's Goal 2	Guidance for new faculty?	Provost Dean Program	Policies exist. Currently buy out at the adjunct rate.
9. Continue the Mathematics Research Mentor program for junior faculty	Math Department's Goal 3	Cost: \$XXX  Would help with advancement to full professors.	Dean Program	Dean's Office provides reassigned time.
10. Establish and curate supports to help Associate Professors advance to the Full Professor rank	Math Department's Goal 4	Hasn't been an issue for Math right now. Haven't had junior faculty in the department for some time. Could be a future issue with looming retirements.	Dean Program	
11. Development of a transparent policy for providing faculty with reduced teaching loads based on their research productivity	Supporting program growth		Provost Dean Program	Completed. Policy exists (\$2K buyout policy, etc.). Applies to all in NSS
12. Development of a statement of individual responsibilities and expectations for faculty roles	Supporting program growth	Relevant to expectations concerning the hiring of a statistician.	Program	
13. Explore creation of a student chapter of the Association for Women in Mathematics	Enhancing student opportunities		Program	Information was forwarded to faculty. Depends on faculty interest.

<p>14. Consider investing in a departmental membership in the Mathematical Association of America. Provides one faculty membership and up to 450 student memberships. Student memberships could be offered as incentives to mathematics majors of distinction to attract them to the discipline</p>	<p>Supporting program growth</p>	<p>Estimated near \$700 based on enrollment (institutional membership)</p> <p><b>Source:</b> <a href="https://www.maa.org/">https://www.maa.org/</a></p> <p>Membership for 1 faculty (membership administrator) member and 450 student memberships. Depends on student interest.</p>	<p>Provost</p>	<p>Lehman has an institutional membership in the American Mathematical Society or AMS (Lehman gets a discount for digital Library materials). Cost is nearly \$1,700. Dean's Office pays the membership fee.</p>
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