

NC State University

2015 Alumni Survey

Department of Mathematics Insert

MAintro1 As a graduate of the Department of Mathematics, your opinions are very important in our programming and planning efforts. We appreciate your taking the time to answer a few questions specifically related to your experiences in your major.

MA1 As you think back on your overall educational experience in Mathematics, how satisfied are you with the education you gained in this program?

- ☐ Very satisfied (5)
- ☐ Moderately satisfied (4)
- ☐ Neither satisfied nor dissatisfied (3)
- ☐ Moderately dissatisfied (2)
- ☐ Very dissatisfied (1)
- ☐ No opinion (9)

MA2 Looking back on your educational experience in Mathematics, how satisfied are you with each of the following aspects of the education you gained in this program?

	Very satisfied (5)	Moderately satisfied (4)	Neither satisfied nor dissatisfied (3)	Moderately dissatisfied (2)	Very dissatisfied (1)	No opinion (9)
Quality of teaching (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of texts and readings (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diversity of courses (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of courses (4)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of classroom facilities (5)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adequacy of computer facilities (6)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of teaching assistants (7)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Accessibility of faculty and their willingness to help undergraduates (8)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Quality of advising (9)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of advising (10)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MA3 In the first column, please indicate how important each area is in your current professional position, including graduate studies. In the second column, please indicate how well you think you were prepared in each area through your program of study in the Department of Mathematics.

	IMPORTANCE IN CURRENT POSITION (a)					
	Very important (5)	Important (4)	Moderately important (3)	Of limited importance (2)	Not important (1)	Not applicable (8)
Ability to apply mathematical methodologies (e.g., modeling, numerical methods, statistics/probability) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to understand and apply mathematical concepts (e.g., differential equations, algebra, analysis) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An appreciation and understanding of scientific fields outside mathematics (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	HOW WELL PREPARED (b)					
	Excellent (5)	Good (4)	Average (3)	Fair (2)	Poor (1)	Not applicable (8)
Ability to apply mathematical methodologies (e.g., modeling, numerical methods, statistics/probability) (1)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to understand and apply mathematical concepts (e.g., differential equations, algebra, analysis) (2)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An appreciation and understanding of scientific fields outside mathematics (3)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MA4 Have you remained in contact with the network of colleagues (e.g., peers, instructors, etc.) you established as an undergraduate at NC State?

- ☐ Yes (1)
☐ No (0)

Answer If MA4 – “Yes” Is Selected

MA5 How important is this network of colleagues in your current employment or graduate school?

- ☐ Very important (5)
☐ Important (4)
☐ Moderately Important (3)
☐ Of limited importance (2)
☐ Not at all important (1)

MA6 Which of the following categorizes the type of work you do? (Mark all that apply)

- ☐ 1. Research (1)
- ☐ 2. Product development (1)
- ☐ 3. Programming (1)
- ☐ 4. Production management (1)
- ☐ 5. Student/Graduate school (1)
- ☐ 6. Teaching (1)
- ☐ 7. Actuarial (1)
- ☐ 8. Unemployed (1)
- ☐ 9. Other (please specify) (1) MA6 9 TEXT

MA7 Did you participate in an undergraduate research project at NC State or in REU?

- ☐ Yes (1)
- ☐ No (0)

Answer If MA7 – “Yes” Is Selected

MA8 Please summarize your project in a sentence or two. How has the experience affected your success at your current job?

Answer If MA7 – “No” Is Selected

MA9 Do you feel the opportunity to participate in a research project was made available to you?

MA10 Of the courses you took in Mathematics, which were the most influential or most important? Please explain.

MA11 What other classes at NC State did you find to be most valuable for your education? Why?

MA12 Which ones did you find to be least valuable? Why?

MA13 Was there any faculty member(s) in particular who made a positive difference in your study of mathematics at NC State University? If yes, please specify who.

- ☐ Yes (please list name) (1) MA13 TEXT
- ☐ No (0)

MA14 Please suggest anything about the Undergraduate Mathematics Program that you would like to see changed.

MA15 If you were beginning over, would you choose the same major again?

- ☐ Yes (2)
- ☐ Maybe (1)
- ☐ No (0)
- ☐ Do not know (9)

MA16 Why or why not?