

<Insert MAA Letterhead>

October ??, 2009

Dear MAA Liaison for your College,

The MAA Special Interest Group on Quantitative Literacy (SIGMAA-QL) wants to feature the quantitative graduation requirements for students at your college in a national database. For some schools, this involves traditional mathematics and statistics courses; for others it may include courses in quantitative reasoning or quantitative literacy (some of which may be taught outside the Mathematics department). Regardless of how your quantitative graduation requirement is structured, we want your college to be included in a new national database.

This database will contain only the information provided by you, as the MAA representative for your college. In some cases, you will need to contact faculty who are more familiar with the Quantitative Reasoning or Quantitative Literacy requirements at your school. But, you as the MAA liaison are the contact person for the MAA. The MAA looks for you to submit the information to the MAA.

Each US College that participates will have a record in this database. This database will be hosted on the MAA website and be publically available. The database will replace the listing that has been maintained by Dr. Lynn Steen at [www.stolaf.edu/people/steen/Papers/qlprogs.pdf](http://www.stolaf.edu/people/steen/Papers/qlprogs.pdf)

This national database will be a valuable resource for faculty involved in teaching and assessing quantitative reasoning and quantitative literacy.

For purposes of this survey, the terms “quantitative graduation requirement” should be taken broadly to include anything involving quantitative reasoning, quantitative literacy, numeracy, statistical reasoning or statistical literacy. For more on Quantitative literacy, see [www.maa.org/ql/index.html](http://www.maa.org/ql/index.html).

If a course satisfies a quantitative graduation requirement at your college then include that course in this survey. This may include courses taught outside the mathematics department such as statistics or computer science.

We expect that most of you will complete this survey in an hour or less. If you have questions, contact me at [Schield@augsborg.edu](mailto:Schield@augsborg.edu). For more on SIGMAA-QL, see [www.maa.org/sigmaa/ql](http://www.maa.org/sigmaa/ql)

Your participation in this 2009 SIGMAA-QL US College Quantitative Reasoning Course Survey is very important to – and is greatly appreciated by – the SIGMAA-QL and the MAA.



Milo Schield, Project Director for the SIGMAA-QL 2009 QGR Survey

Instructions: Please answer these questions as specifically as possible.

School representatives can revise or withdraw the information they provide at any time. To be included in this year's compilation, please submit your responses by 11/30/2009.

Submit your answers to the following URL. [www.<to-be-determined>.org](http://www.<to-be-determined>.org)

To log in, use your e-mail address at your school as your User ID and use your MAA ID number as your initial password. Your name will be shown with the information you provide. Your e-mail, MAA ID number and password will not be shown.

If you cannot locate some of the information requested, answer "Not available."

If a question does not apply, answer "Not applicable."

Questions followed by [Rqrd] are required by Survey Monkey to have an answer of some kind.

1. Quote your college's highest level mission statement that mentions mathematics, QR or QL. [Rqrd]

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2. Describe your college's general education *quantitative graduation requirement*. [Rqrd]

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3. Provide the URL for your college. [Rqrd] \_\_\_\_\_

4. Provide the URL for your college's catalog. [Rqrd] \_\_\_\_\_

5. Provide the URL for your college's mathematics department. [Rqrd] \_\_\_\_\_

6. Provide the URL for your college's *quantitative graduation requirement*. \_\_\_\_\_

7. Provide an E-mail for a contact on your college's *quantitative graduation requirement*. \_\_\_\_\_

8. Does your college have a *quantitative graduation requirement* that applies to every student? Is every student required to take or satisfy *some quantitative graduation requirement*? [Rqrd]

a. Yes      b. No      c. Not sure

9. Can students in non-quantitative majors (majors that don't specify a particular mathematics course) satisfy their quantitative graduation requirement by taking courses outside the Math department?

a. Yes      b. No      c. Not sure      d. Not applicable      [Rqrd]

10. Does your college use any entry-level quantitative assessment (other than for algebra or calculus)?

a. Yes      b. No      c. Not sure      d. Not applicable      [Rqrd]

11. Does your college use any non entry-level quantitative assessment (besides course completion)?  
 a. Yes    b. No    c. Not sure    d. Not applicable    [Rqrd]
12. Which of these best describes your college's quantitative graduation requirement for students in non-quantitative majors: majors that don't stipulate any particular quantitative requirement? [Rqrd]  
 a. Not applicable  
 b. Traditional Math-science division requirement (e.g., 1 math and 1 science)  
 c. Designated quantitative courses all housed in the math/stat department  
 d. Designated quantitative courses all housed in the math/stat department (aside from Statistics)  
 e. Designated quantitative courses other than statistics offered by various departments.  
 f. Designated formal reasoning courses offered by various departments.  
 g. Other. Describe: \_\_\_\_\_
13. Does your college have a quantitative support center for students?    [Rqrd]  
 a. Yes    b. No    c. Not sure    d. Not applicable
14. Does your college have a two-level *quantitative graduation requirement* (such as a "little q" skills course and "big-Q" applications course)?    [Rqrd]  
 a. Yes    b. No    c. Not sure    d. Not applicable
15. At some schools, many different courses can be used to demonstrate quantitative reasoning. Please list all such courses that fit this category at your school. Check all that apply. Select the single best classification for each course. For example an algebra course with a quantitative reasoning emphasis should not involve check marks for both algebra and for quantitative reasoning. If the QR component is significant, check QR-Algebra. If your college has a QR requirement or a two-level "little q" and "big q" requirement, list all courses that satisfy either.    [Rqrd]  
 a. Not applicable    b. Statistics    c. Calculus    d. College Algebra  
 e. Finite/Discrete math    f. Precalculus/Functions    g. History of mathematics  
 h. Math for Liberal Arts    i. Modern Mathematics    j. Modeling  
 k. Statistical Literacy    l. Financial math    m. Other QR or QL courses  
 n. Computer Science    o. Symbolic Logic    p. Foreign language  
 q. Other courses than listed above
16. Estimated time needed to complete this survey: [Rqrd]  
 a. 20 minutes    b. 40 minutes    c. 60 minutes    d. 90 minutes    e. 2 hours  
 f. 3 hours    g. 4 hours    h. 5 hours    i. 6 hours    j. 7+ hours
17. Please include any suggestions on how this survey can be improved for future use.

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## SURVEY MONKEY INSTRUCTIONS:

Questions 1 - 7 and 16-17 use the "Comment/Essay Box"

Question 8 – 14 use the "Multiple Choice (Only One Answer)".

Question 15 uses the "Multiple Choice (Multiple Answers)".

Not applicable

Statistics

Calculus

College Algebra

Finite/Discrete Mathematics

Precalculus/Functions

History of Mathematics

Mathematics for Liberal Arts

Modern Mathematics

QR or QL

Statistical Literacy

Financial Mathematics

Modeling

Computer Science

Symbolic Logic

Foreign language

Other