

**UWM DEPARTMENT OF MATHEMATICAL SCIENCES  
STUDENT ASSESSMENT QUESTIONNAIRE – [Insert Semester]**

To be completed by Faculty.

**Faculty:** Please complete the following anonymous assessment for undergraduate mathematical sciences majors/minors in your course. The questionnaire is for assessment purposes only and is not intended for use in grading the students. Please do not include the name of the student being assessed. Return the assessment to the Department Chair (EMS E 404).

**Course Number:** [To be inserted by department before distribution]

**Semester:** [To be inserted by department before distribution]

Please circle your evaluation. (Meaning of ratings: 1 strongly agree; 2 agree; 3 no opinion; 4 disagree; 5 strongly disagree; N.A. not applicable.)

1. Among the general goals for all mathematical science majors the student has achieved:
  - (a) An understanding of the depth and breadth of the mathematical sciences, and their deep interconnecting principles;  
1      2      3      4      5      N.A.
  - (b) An understanding of the interplay among applications, problem-solving, and theory:  
1      2      3      4      5      N.A.
  - (c) The analytical and critical thinking skills required for efficient use, appreciation, and understanding of the mathematical sciences;  
1      2      3      4      5      N.A.
  - (d) The ability to communicate mathematical sciences in technical and non-technical terms;  
1      2      3      4      5      N.A.
  - (e) A personal motivation and enthusiasm for studying and applying the mathematical sciences.  
1      2      3      4      5      N.A.
  
2. (If appropriate) The student has achieved the additional area-specific goals of their major or specialization.  
1      2      3      4      5      N.A.

Please state the student's major or specialization below. You may also wish to enlarge on the extent to which the student has met one or more of the area-specific goals.

3. The student has demonstrated the following:

(a) An ability to find and use appropriate sources of technical information;

1      2      3      4      5      N.A.

(b) An ability to use appropriate technology.

1      2      3      4      5      N.A.

Please state below the students overall GPA in courses taken in the Mathematical Sciences Department (if available) and make any additional comments that you feel might be useful in helping us to assess the student. (You may use the space below, or attach additional pages if you prefer.)

**UWM DEPARTMENT OF MATHEMATICAL SCIENCES  
PROGRAM ASSESSMENT QUESTIONNAIRE – Spring 2004**

To be completed by student.

**Student:** The Department of Mathematical Sciences is assessing the education goals of the major, and would appreciate your opinions and comments. Please do not include your name, since the questionnaire is anonymous. Please return the questionnaire to the Department Chairperson (EMS E 404).

**Course Number:** Math 571

**Semester:** Spring 2004

Please circle your evaluation. (Meaning of ratings: 1 strongly agree; 2 agree; 3 no opinion; 4 disagree; 5 strongly disagree; N.A. not applicable.)

1. My studies enabled me to achieve the following general goals for all mathematical sciences majors:

(a) An understanding of the depth and breadth of the mathematical sciences, and their deep interconnecting principles;

1      2      3      4      5      N.A.

(b) An understanding of the interplay among applications, problem-solving, and theory;

1      2      3      4      5      N.A.

(c) The analytical and critical thinking skills required for efficient use, appreciation, and understanding of the mathematical sciences;

1      2      3      4      5      N.A.

(d) The ability to communicate mathematical sciences in technical and non-technical terms;

1      2      3      4      5      N.A.

(e) A personal motivation and enthusiasm for studying and applying the mathematical sciences.

1      2      3      4      5      N.A.

2. (If appropriate) My studies enabled me to achieve the additional area-specific goals of my major or specialization.

1      2      3      4      5      N.A.

Please state your major or specialization below. You may also wish to enlarge on the extent to which your courses were relevant to one or more of the area-specific goals.

3. During the course of my studies as a mathematical sciences major, I gained experience in the following:

(a) Finding and using appropriate sources of technical information;

1	2	3	4	5	N.A.
---	---	---	---	---	------

(b) Appropriate use of technology.

1	2	3	4	5	N.A.
---	---	---	---	---	------

Overall, how would you improve the instruction in mathematical sciences at UWM: lectures, labs and discussion?

Would you recommend this program to your friends?

Please make any additional comments that you feel might be useful in helping us to assess our program. (You may use the space below, or attach additional pages if you prefer.)