

## MATH GRADUATE PROGRAM ASSESSMENT SURVEY

Please complete the attached survey to help us determine how well the courses, major programs and other activities of the Department of Mathematics are meeting our departmental objectives and your needs. Your assistance will be very much appreciated.

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Email address: \_\_\_\_\_

Year of WWU graduate degree completion: \_\_\_\_\_

Graduate Degree completed at WWU: \_\_\_\_\_

Post-Graduation Plan: \_\_\_\_\_

**The Department of Mathematics has identified several program objectives, formulated as abilities we aim to develop in our students. Please rate our success in achieving those objectives according to the following scale:**

**(1 = failed miserably, 5 = succeeded brilliantly)**

**How well have we taught you to:**

(a) *Understand and discuss mathematical topics in an informed and logical manner*

**1 2 3 4 5**

(b) *Develop strategic overviews, and thus analyze, mathematical situations*

**1 2 3 4 5**

(c) *Recognize that problems may have many different mathematical representations (graphical, numerical, symbolic) and be able to select appropriate formats*

**1 2 3 4 5**

(d) *Model real world problems mathematically and interpret results appropriately*

**1 2 3 4 5**

(e) *Understand the importance of abstraction and rigor in math, construct proofs and critically examine the correctness of mathematical work and logical arguments*

**1 2 3 4 5**

- (f) *Recognize connecting themes across mathematical courses and topics*  
1 2 3 4 5
- (g) *Use software tools and technology, and judge when such use is helpful*  
1 2 3 4 5
- (h) *Communicate results and arguments clearly, precisely and correctly, both in writing and orally*  
1 2 3 4 5
- (i) *Appreciate the role and value of mathematics in the sciences and the real world*  
1 2 3 4 5
- (j) *Understand the historical context of mathematical progress and be familiar with major contributions of some prominent mathematicians of the past and present*  
1 2 3 4 5
- (k) *Be aware of the diversity of math career options*  
1 2 3 4 5

**Please rate the overall quality of each of the following factors in your math program:**

**(1 = poor, 5 = excellent)**

**1. Academic Program**

- (a) *Choice of courses*  
1 2 3 4 5
- (b) *Quality of courses*  
1 2 3 4 5
- (c) *Quality of teaching*  
1 2 3 4 5
- (d) *Value of Qualifying Exam*  
1 2 3 4 5
- (e) *Value of the Project*  
1 2 3 4 5
- (f) *Value of the Oral Exam*  
1 2 3 4 5
- (g) *Value of the Colloquium talk*  
1 2 3 4 5

(h) *Intellectual stimulation of graduate program*

**1 2 3 4 5**

(i) *Usefulness of classes to your career goals*

**1 2 3 4 5**

***Please comment on the pace and the level of intellectual demand in graduate courses, how the program could better meet your goals, etc.:***

## **2. Enrollment and Guidance**

(a) *Admission process*

**1 2 3 4 5**

(b) *Availability and quality of advisement*

**1 2 3 4 5**

(c) *Value of Fall academic orientation*

**1 2 3 4 5**

(d) *Description of Qualifying Exam*

**1 2 3 4 5**

(e) *Usefulness of the Graduate Handbook*

**1 2 3 4 5**

(f) *Availability of faculty*

**1 2 3 4 5**

***Comments:***

## **3. Teaching Assistantship**

(a) *Salary level*

**1 2 3 4 5**

- (b) *T.A. preparation course* 1 2 3 4 5
- (c) *Variety of courses you taught* 1 2 3 4 5
- (d) *Process for determining your teaching assignment* 1 2 3 4 5
- (e) *Appropriateness of T.A. duties* 1 2 3 4 5
- (f) *Meetings with lead instructor* 1 2 3 4 5
- (g) *Meetings with and visits by teaching mentor* 1 2 3 4 5

Please indicate the average number of hours per week you spent on T.A. duties (preparation time, grading papers, office hours, classes).

5-10\_\_\_\_\_ 11-15\_\_\_\_\_ 16-20\_\_\_\_\_ 21-25\_\_\_\_\_

26-30\_\_\_\_\_

**Comments:**

**4. Physical Environment**

- (a) *Office space* 1 2 3 4 5
- (b) *Computer facilities* 1 2 3 4 5
- (c) *Library materials availability* 1 2 3 4 5

(d) *Availability of study area*

**1 2 3 4 5**

**Comments:**

**5. Departmental Environment**

(a) *Freedom from discrimination*

**1 2 3 4 5**

(b) *Freedom from harassment and intimidation*

**1 2 3 4 5**

(c) *Channels to express dissatisfaction*

**1 2 3 4 5**

(d) *Working relationships with fellow students*

**1 2 3 4 5**

(e) *Faculty commitment to teaching*

**1 2 3 4 5**

(f) *Usefulness of mathematical collaboration with peers*

**1 2 3 4 5**

(g) *Opportunity for faculty interaction*

**1 2 3 4 5**

(h) *Overall atmosphere in the department*

**1 2 3 4 5**

**Comments**