



## Rename the Ph.D. in "Measurement, Statistics and Evaluation" to "Quantitative Methodology: Measurement and Statistics" (PCC 22006)

**PRESENTED BY** Piotr Swistak, Chair, Senate Programs, Curricula, and Courses Committee

**REVIEW DATES** SEC – October 17, 2022 | SENATE – November 2, 2022

**VOTING METHOD** In a single vote

**RELEVANT  
POLICY/DOCUMENT**

**NECESSARY  
APPROVALS** Senate, President, USM Chancellor, and the Maryland Higher Education Commission

### ISSUE

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The College of Education’s Department of Human Development and Quantitative Methodology proposes to change the name of its doctoral program in "Measurement, Statistics and Evaluation" to "Quantitative Methodology: Measurement and Statistics". After determining that the current name no longer accurately reflects the full scope of the program’s activities, the faculty voted unanimously to change the program’s name. Incorporating “Quantitative Methodology” into the program title reflects the broader applications of the skills and knowledge students gain from the program, whereas retaining “Measurement and Statistics” in the title links the program to its past identity as a program that applies methods research to educational problems. The program faculty have detected some confusion in the past several years as different constituents refer to the program in different ways, some referring to it by its technical name of “Measurement, Statistics, and Evaluation,” or its traditional acronym EDMS, and some referring to it as “Quantitative Methodology,” because of its alignment with the name of the department. The new title, “Quantitative Methodology: Measurement and Statistics,” will rebrand the program under one title that reflects its traditional, current, and future activities. Separate proposals have been submitted in order to rename all of the graduate programs in “Measurement, Statistics, and Evaluation” to “Quantitative Methodology: Measurement and Statistics”.

The proposal was approved by the Graduate School PCC committee on September 29, 2022, and the Senate Programs, Curricula, and Courses committee on October 7, 2022.

### RECOMMENDATION(S)

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The Senate Committee on Programs, Curricula, and Courses recommends that the Senate approve this name change.

### COMMITTEE WORK

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The committee considered this proposal at its meeting on October 7, 2022. Ji Seung Yang, from the Department of Human Development and Quantitative Methodology, presented the proposal and answered questions from the committee. The committee approved the proposal.

## **ALTERNATIVES**

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The Senate could decline to approve this new program title.

## **RISKS**

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If the Senate declines to approve this program title change, the current program will not adequately describe the coursework and activities of the program.

## **FINANCIAL IMPLICATIONS**

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There are no significant financial implications for program title changes.

# 361: QUANTITATIVE METHODOLOGY: MEASUREMENT AND STATISTICS

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## In Workflow

1. D-HDQM PCC Chair (djbolger@umd.edu)
2. D-HDQM Chair (psteiner@umd.edu)
3. EDUC Curriculum Manager (ejohnson@umd.edu; kgriff29@umd.edu; mpeeracy@umd.edu)
4. EDUC PCC Chair (ejohnson@umd.edu; djbolger@umd.edu)
5. EDUC Dean (kgriff29@umd.edu; mpeeracy@umd.edu)
6. Academic Affairs Curriculum Manager (mcolson@umd.edu)
7. Graduate School Curriculum Manager (jfarman@umd.edu)
8. Graduate PCC Chair (jfarman@umd.edu)
9. Dean of the Graduate School (sfetter@umd.edu; jfarman@umd.edu)
10. Senate PCC Chair (mcolson@umd.edu; pswistak@umd.edu)
11. University Senate Chair (mcolson@umd.edu)
12. President (mcolson@umd.edu)
13. Chancellor (mcolson@umd.edu)
14. MHEC (mcolson@umd.edu)
15. Provost Office (mcolson@umd.edu)
16. Graduate Catalog Manager (bhernand@umd.edu; fantsao@umd.edu)

## Approval Path

1. Mon, 29 Nov 2021 17:29:31 GMT  
Penny Gomes (pengo): Approved for D-HDQM Curriculum Manager
2. Thu, 09 Dec 2021 20:28:27 GMT  
Donald Bolger (djbolger): Approved for D-HDQM PCC Chair
3. Thu, 09 Dec 2021 21:01:59 GMT  
Dennis Kivlighan (dennisk): Approved for D-HDQM Chair
4. Thu, 16 Dec 2021 14:23:34 GMT  
Elizabeth Johnson (ejohnson): Approved for EDUC Curriculum Manager
5. Thu, 16 Dec 2021 14:48:05 GMT  
Donald Bolger (djbolger): Approved for EDUC PCC Chair
6. Fri, 14 Jan 2022 17:44:33 GMT  
Laura Stapleton (Istaplet): Approved for EDUC Dean
7. Wed, 26 Jan 2022 14:18:16 GMT  
Michael Colson (mcolson): Rollback to Initiator
8. Fri, 25 Feb 2022 20:53:18 GMT  
Donald Bolger (djbolger): Approved for D-HDQM PCC Chair
9. Tue, 01 Mar 2022 17:13:26 GMT  
Dennis Kivlighan (dennisk): Approved for D-HDQM Chair
10. Wed, 02 Mar 2022 19:21:15 GMT  
Elizabeth Johnson (ejohnson): Rollback to Initiator
11. Tue, 05 Apr 2022 19:19:53 GMT  
Donald Bolger (djbolger): Approved for D-HDQM PCC Chair
12. Tue, 05 Apr 2022 19:53:00 GMT  
Dennis Kivlighan (dennisk): Approved for D-HDQM Chair
13. Mon, 02 May 2022 18:13:59 GMT  
Elizabeth Johnson (ejohnson): Approved for EDUC Curriculum Manager
14. Mon, 02 May 2022 18:20:03 GMT  
Donald Bolger (djbolger): Approved for EDUC PCC Chair
15. Tue, 10 May 2022 21:12:11 GMT  
Laura Stapleton (Istaplet): Approved for EDUC Dean
16. Fri, 05 Aug 2022 19:09:09 GMT

Michael Colson (mcolson): Approved for Academic Affairs Curriculum Manager

17. Fri, 30 Sep 2022 12:54:50 GMT

Jason Farman (jfarman): Approved for Graduate School Curriculum Manager

18. Fri, 30 Sep 2022 12:58:03 GMT

Jason Farman (jfarman): Approved for Graduate PCC Chair

19. Tue, 04 Oct 2022 14:32:34 GMT

Steve Fetter (sfetter): Approved for Dean of the Graduate School

20. Tue, 04 Oct 2022 20:40:51 GMT

Piotr Swistak (pswistak): Approved for Senate PCC Chair

## History

1. Sep 16, 2019 by aambrosi
2. Oct 18, 2019 by William Bryan (wbryan)

Date Submitted: Tue, 05 Apr 2022 18:19:54 GMT

**Viewing: 361 : Quantitative Methodology: Measurement and Statistics**

**Last approved: Fri, 18 Oct 2019 13:00:40 GMT**

**Last edit: Fri, 10 Jun 2022 21:05:48 GMT**

Changes proposed by: Jeffrey Haring (haring)

### Proposed Action

Rename Program

### Program Name

Quantitative Methodology: Measurement and Statistics

### Program Status

Active

### Effective Term

Fall 2022

### Catalog Year

2022-2023

### Program Level

Graduate Program

### Program Type

Doctoral

### Delivery Method

On Campus

### Departments

#### Department

Human Development and Quantitative Methodology

### Colleges

#### College

Education

### Program/Major Code

EDMS

### MHEC Inventory Program

Measurement, Statistics and Evaluation

**CIP Code**

130603 - Educational Statistics and Research Methods.

**HEGIS**

082400

**Degree(s) Awarded****Degree Awarded**

Doctor of Philosophy

**Proposal Contact**

Jeff Harring

**Proposal Summary**

The program formally known as Measurement, Statistics and Evaluation (EDMS) in the Department of Human Development and Quantitative Methodology (HDQM) in the College of Education is proposing to change its program's name to Quantitative Methodology: Measurement and Statistics

(PCC Log Number 22006)

**Program and Catalog Information****Catalog Program Requirements:**

Doctoral students are required to complete 66 credits including 12 credits of EDMS899 and 21 credits of electives.

The Ph.D. program requires both preliminary and comprehensive examinations; the comprehensive examination is designed to assess broad, integrated understanding as well as the student's specialization. All students are expected to engage in research. Measurement, Statistics and Evaluation does not currently offer the Ed.D. degree.

Course	Title	Credits
Required courses:		
EDMS623	Applied Measurement: Issues and Practices	3
EDMS626	Instrumentation	3
EDMS646	General Linear Models I	3
EDMS647	Causal Inference and Evaluation Methods	3
EDMS651	General Linear Models II	3
EDMS655	Introduction to Multilevel Modeling	3
EDMS657	Exploratory Latent and Composite Variable Methods	3
EDMS722	Structural Modeling	3
EDMS724	Modern Measurement Theory	3
EDMS779	Seminar in Applied Statistics	3
EDMS787	Bayesian Inference and Analysis	3
Electives		21
<b>Dissertation Research Requirements</b>		
EDMS899	Doctoral Dissertation Research	12
<b>Total Credits</b>		<b>66</b>

**Program Modification Information**

**Impact on current students. It should be specifically acknowledged that students enrolled in the program prior to the effective date of any curriculum change may complete their program under the old requirements if they wish. The courses required must remain available, or suitable substitutions specifically designated.**

The impact on current students will be minimal. Any doctoral student who entered the PhD program under the name Measurement, Statistics and Evaluation (EDMS) will have the choice to keep this name on their diploma. However, all doctoral students who enter the program after the effective start date of the new program name (we hope in Fall 2022) will have the new program, Quantitative Methodology: Measurement and Statistics (QMMS), name on their diploma.

## Linked Programs

### Renaming Program

#### Provide a rationale for renaming the program.

Over the past 2 years, the Measurement, Statistics and Evaluation (EDMS) Program faculty have been discussing changing our name. A small subcommittee was formed to gather information about what different names—and acronyms—we seem to have across the department, college and campus; and subsequently, what name would the current faculty like to adopt officially.

At our February 7, 2022 program faculty meeting the EDMS faculty unanimously voted to change our name (and 4-letter acronym) from Measurement, Statistics and Evaluation (EDMS) to Quantitative Methodology: Measurement and Statistics (or QMMS). This was done for two main reasons.

1. In an effort to remain current with quantitative methods broadly construed in our profession, our program faculty thought that Measurement, Statistics and Evaluation no longer adequately captured the research areas and focus of our faculty. Nor did it satisfactorily capture where we see quantitative methods research going in the next 5-10 years and beyond. After serious debate and deliberation about this type of “re-branding,” we felt that the Quantitative Methodology (part of our new proposed name) aligned with the Departmental naming convention and the “Measurement and Statistics” structure links to our past identity. Although housed in a college of education where applications of our methods research to educational problems is important, we also take note that our methods are being employed in the broader behavioral science and social science communities—as well as in the health sciences.

2. Secondly, I am not certain if you have noticed, but we seem to have an identity crisis of sorts. If you look across campus at different pertinent websites (i.e., Graduate Catalog, HDQM website), you might have noticed that we have been referred to as (1) QM (Quantitative Methodology), (2) MSE (Measurement, Statistics and Evaluation), and (3) EDMS (the 4-letter naming convention on Testudo). We did not make these acronyms up but nevertheless they have materialized and followed us. So, part of this renaming effort is to bring clarity to a unified acronym (QMMS), which the current program faculty is solidly behind.

We have reached out to targeted area alums of our program to gauge their reaction to a name change. Their reactions and responses were initially mixed—citing an affinity and affection to the EDMS acronym. But after stating our reasoning behind making this change, all we spoke to were supportive.

HDQM’s Plan of Organization requires programmatic changes of this magnitude to have the endorsement of the (1) Executive Committee (which endorsed this renaming effort in an earlier meeting this month), (2) the HD faculty, and (3) the HDQM Graduate Education Committee.

## Supporting Documents

#### Attachments

Proposed-Name-Change-Docx

#### Reviewer Comments

**Michael Colson (mcolson)** (Wed, 26 Jan 2022 14:18:17 GMT): Rollback: Returning for revisions

**Elizabeth Johnson (ejohnson)** (Wed, 02 Mar 2022 19:21:15 GMT): Rollback: Please reach out to Dr. Bolger and Mike Colson for any assistance.

Key: 361

# Program Change Request

Date Submitted: 04/05/22 2:19 pm

Viewing: **361 : Quantitative Methodology: Measurement, Statistics and Statistics Evaluation (EDMS)**

Last approved: 10/18/19 9:00 am

Last edit: 06/10/22 5:05 pm

Changes proposed by: Jeffrey Haring (haring)

Catalog Pages Using this Program

[Measurement, Statistics and Evaluation, Doctor of Philosophy \(Ph.D.\)](#)

Proposed Action [Rename Program](#)

Program Name

## In Workflow

1. D-HDQM PCC Chair
2. D-HDQM Chair
3. EDUC Curriculum Manager
4. EDUC PCC Chair
5. EDUC Dean
6. Academic Affairs Curriculum Manager
7. Graduate School Curriculum Manager
8. Graduate PCC Chair
9. Dean of the Graduate School
10. Senate PCC Chair
11. University Senate Chair
12. President
13. Chancellor
14. MHEC
15. Provost Office
16. Graduate Catalog Manager

## Approval Path

1. 11/29/21 12:29 pm  
Penny Gomes (pengo): Approved for D-HDQM Curriculum Manager
2. 12/09/21 3:28 pm  
Donald Bolger (djbolger):

- Approved for D-  
HDQM PCC Chair
3. 12/09/21 4:01 pm  
Dennis Kivlighan  
(dennisk): Approved  
for D-HDQM Chair
  4. 12/16/21 9:23 am  
Elizabeth Johnson  
(ejohnson):  
Approved for EDUC  
Curriculum  
Manager
  5. 12/16/21 9:48 am  
Donald Bolger  
(djbolger):  
Approved for EDUC  
PCC Chair
  6. 01/14/22 12:44 pm  
Laura Stapleton  
(lstaplet): Approved  
for EDUC Dean
  7. 01/26/22 9:18 am  
Michael Colson  
(mcolson): Rollback  
to Initiator
  8. 02/25/22 3:53 pm  
Donald Bolger  
(djbolger):  
Approved for D-  
HDQM PCC Chair
  9. 03/01/22 12:13 pm  
Dennis Kivlighan  
(dennisk): Approved  
for D-HDQM Chair
  10. 03/02/22 2:21 pm  
Elizabeth Johnson  
(ejohnson): Rollback  
to Initiator
  11. 04/05/22 3:19 pm  
Donald Bolger  
(djbolger):



- Approved for D-  
HDQM PCC Chair
12. 04/05/22 3:53 pm  
Dennis Kivlighan  
(dennisk): Approved  
for D-HDQM Chair
13. 05/02/22 2:13 pm  
Elizabeth Johnson  
(ejohnson):  
Approved for EDUC  
Curriculum  
Manager
14. 05/02/22 2:20 pm  
Donald Bolger  
(djbolger):  
Approved for EDUC  
PCC Chair
15. 05/10/22 5:12 pm  
Laura Stapleton  
(lstaplet): Approved  
for EDUC Dean
16. 08/05/22 3:09 pm  
Michael Colson  
(mcolson):  
Approved for  
Academic Affairs  
Curriculum  
Manager
17. 09/30/22 8:54 am  
Jason Farman  
(jfarman): Approved  
for Graduate School  
Curriculum  
Manager
18. 09/30/22 8:58 am  
Jason Farman  
(jfarman): Approved  
for Graduate PCC  
Chair
19. 10/04/22 10:32 am  
Steve Fetter

(sfetter): Approved  
for Dean of the  
Graduate School  
20. 10/04/22 4:40 pm  
Piotr Swistak  
(pswistak):  
Approved for  
Senate PCC Chair

## History

1. Sep 16, 2019 by  
aambrosi
2. Oct 18, 2019 by  
William Bryan  
(wbryan)

### Quantitative Methodology: Measurement ~~Measurement, Statistics~~ and Statistics Evaluation (EDMS)

Program Status      Active  
Effective Term      Fall 2022  
Catalog Year        2022-2023  
Program Level       Graduate Program  
Program Type        Doctoral  
Delivery Method     On Campus

Departments

Department
Human Development and Quantitative Methodology

Colleges

College
Education

Program/Major  
Code                  EDMS

MHEC Inventory    Measurement, Statistics and Evaluation  
Program

CIP Code             130603 - Educational Statistics and Research Methods.

HEGIS 082400

MHEC Recognized  
Area(s) of  
Concentration

Degree(s) Awarded

Degree Awarded
Doctor of Philosophy

If other, new  
degree award:

Proposal Contact

[Jeff Harring](#)

Proposal Summary

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(PCC Log Number 22006)

## Program and Catalog Information

Provide the catalog description of the proposed program. As part of the description, please indicate any areas of concentration or specializations that will be offered.

Catalog Program Requirements:

Doctoral students are required to complete 66 credits including 12 credits of [EDMS899](#) and 21 credits of electives. The Ph.D. program requires both preliminary and comprehensive examinations; the comprehensive examination is designed to assess broad, integrated understanding as well as the student's specialization. All students are expected to engage in research. Measurement, Statistics and Evaluation does not currently offer the Ed.D. degree.

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Required courses:	
<a href="#">EDMS623</a> Applied Measurement: Issues and Practices	3
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<a href="#">EDMS646</a> General Linear Models I	3
<a href="#">EDMS647</a> Causal Inference and Evaluation Methods	3

Course Title	Credits
<a href="#">EDMS651</a> General Linear Models II	3
<a href="#">EDMS655</a> Introduction to Multilevel Modeling	3
<a href="#">EDMS657</a> Exploratory Latent and Composite Variable Methods	3
<a href="#">EDMS722</a> Structural Modeling	3
<a href="#">EDMS724</a> Modern Measurement Theory	3
<a href="#">EDMS779</a> Seminar in Applied Statistics	3
<a href="#">EDMS787</a> Bayesian Inference and Analysis	3
Electives	21
Dissertation Research Requirements	
<a href="#">EDMS899</a> Doctoral Dissertation Research	12
Total Credits	66

Sample plan. Provide a term by term sample plan that shows how a hypothetical student would progress through the program to completion. It should be clear the length of time it will take for a typical student to graduate. For undergraduate programs, this should be the four-year plan.

List the intended student learning outcomes. In an attachment, provide the plan for assessing these outcomes.

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### Linked Programs

Indicate in the space below all programs to which this program is formally linked (e.g., approved combined bachelor's/master's programs, dual master's programs, or joint-programs with other universities). If the proposed modification will affect the linked program, provide as an attachment the new curriculum for each arrangement and provide supporting correspondence from the director of the linked program.

## Renaming Program

---

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## Supporting Documents

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### Attachments

[Proposed-Name-Change-Document.docx](#)

### Administrative Documents

### Reviewer

### Comments

**Michael Colson (mcolson) (01/26/22 9:18 am):** Rollback: Returning for revisions

**Elizabeth Johnson (ejohnson) (03/02/22 2:21 pm):** Rollback: Please reach out to Dr. Bolger and Mike Colson for any assistance.

Key: 361

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The Ph.D. program requires both preliminary and comprehensive examinations; the comprehensive examination is designed to assess broad, integrated understanding as well as the student's specialization. All students are expected to engage in research. Measurement, Statistics and Evaluation does not currently offer the Ed.D. degree.

The required course list obtained from the Graduate Catalog will not change with the exception of the 4-letter acronym to QMMS. This will occur at a secondary phase of the renaming process in AY 2022-2023.

Lastly, on the online form to change program's name, we plan to change the 4-letter acronym from EDMS (current) to QMMS (newly proposed acronym). There was not an opportunity to change this line item on the online form, so I am making this explicit here.