UNIVERSITY OF MARY WASHINGTON – PROGRAM CHANGE PROPOSAL

Electronically submit this completed form with attachments in one file to the Chair of the College Curriculum Committee.

<table>
<thead>
<tr>
<th>COLLEGE (check one):</th>
<th>Arts and Sciences</th>
<th>Business</th>
<th>X</th>
<th>Education</th>
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<tbody>
<tr>
<td>Proposal Submitted By: Rachel Graefe-Anderson</td>
<td>Date Prepared: 11/5/2015</td>
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<tr>
<td>Department /Program:</td>
<td>College of Business</td>
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Note: for any program change entailing the addition any new courses, or revisions to existing courses, separate proposal for those course actions must also be submitted.

**PROPOSAL TO CHANGE EXISTING PROGRAM** (check no than one of the following)

- Revise requirements for existing major
- Revise requirements for a concentration within an existing major
- Revise requirements for an existing degree program
- Revise requirements for existing certificate program
- Revise requirements for existing minor

Implementation Date: FALL semester, year: FALL 2016

**REQUIRED ATTACHMENTS FOR CHANGES TO EXISTING PROGRAMS:**

1. **Rationale statement** (Why is this program change needed? What purposes will it serve?)
2. **Impact Statement** (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of the program change are required.)
3. **Catalog Copy** (Provide the **existing** Catalog Description and the complete statement of the **proposed** new Catalog description that reflects the program changes)

**PROPOSAL TO CREATE NEW PROGRAM NOT REQUIRING STATE ACTION**

(check no more that one of the following)

- New concentration within existing major
- New minor
- New Major but NOT a new degree*

Implementation Date (semester and year): FALL 2016

**REQUIRED ATTACHMENTS FOR NEW PROGRAMS NOT REQUIRING STATE APPROVAL:**

1. **Rationale statement** (Why is this additional program needed? What purposes will it serve?)
2. **Impact Statement** (Provide details about the Library, space, budget, technology, and impacts created by this program change. Supporting statements from the Library, IT Department, etc. evaluating the resource impact and feasibility of adding the new program are required.)
3. **Catalog Copy** (Provide the complete Catalog Description for the proposed new program)

**Department Chair**  
Ken Machande  
Date: November 18, 2015

**College Curriculum Chair**  
Lance Gentry  
Date: November 18, 2015

**Dean Approval:**  
Lynne Richardson  
Date: November 18, 2015

**UCC Chair Approval:**  
Patricia Reynolds  
Date: January 21, 2016

*Provost Approval:  
Date:  
*Required only in cases of proposals for new concentrations, new minors, or new majors that do not involve a new degree

**UCC Chair Approval:**  
Date:  
*Provost Approval:

*Required only in cases of proposals for new concentrations, new minors, or new majors that do not involve a new degree
Rationale Statement
Offering an Finance and Quantitative Analysis minor at the University could attract more students to the University and could also help existing (and future) students to enhance their academic portfolio. There exists currently a subset of the Business Administration majors who would be very interested in this minor and are currently taking more Finance courses without achieving the distinction of having actually completed a related minor. There also exist a number of additional courses in quantitative analysis offered by the College of Business. Since the resources and courses are already in place, it seems almost remiss of us to not offer such a program, particularly in light of its interdisciplinary nature. Many of our students end up going on to careers in various areas of finance and completion of this minor would further support those students’ endeavors and career goals.

Impact Statement
Based on current circumstances, this minor would have no impact on resources or staffing at the University. The courses students would need to complete are already offered or are already slated to be offered going into the future. It is possible that the introduction of the minor could impact desired enrollment in the courses required for the minor and this could ultimately impact resource requirements. However, the COB does not expect a short-term dramatic impact on existing course enrollments that would require any new immediate resources. In fact, it is hoped that the minor will increase enrollment in existing upper-level electives in FINC and DSCI.

Catalog Copy
Financial and Quantitative Analysis Minor
The minor in Financial And Quantitative Analysis teaches principles and builds skills in the field of Finance. It is an attractive option that can enhance the credentials for students in a wide variety of disciplines. Financial decision making is critically important in the business world, whether the context is entrepreneurial, corporate, or governmental economic policy. The minor in Financial And Quantitative Analysis is designed to provide students with the core fundamental coursework in mathematics, economics, and business to succeed in this area.

Requirements for Financial And Quantitative Analysis Minor
Eighteen (18) credits to include:

Three Required courses: Accounting (ACCT) 102; Finance (FINC) 301; FINC 401 (Advanced Corporate Finance)

Three Electives: Choose three (3) courses for nine (9) credits from the following list: ACCT 401 (Accounting Information Systems), DSCI 401 (Foundation and Applications of Data Analytics), DSCI 402 (Analytics Applications and Development), FINC 430 (Financial Modeling), MKTG 411 (Marketing Research), and any of the 491 (Individual Study) classes within the College of Business.

Note that ECON 201, MIST 201 or equivalent, and DSCI 259 OR ECON 361 OR MATH 280 are prerequisites for FINC 301. Students should bear this in mind when planning their academic coursework. Note that the maximum overlap between a major and a minor is two courses. Students pursuing a major within the COB must already take ACCT 102 and FINC 301. Thus COB students may not double-count electives such as ACCT 401 toward both their major and their minor; it would only count toward one of these programs.