

# UNIVERSITY FACULTY SENATE FORMS

## Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

**Submitted by:** Eleanor Craig phone number X1904

**Department:** Economics email address Craige@udel.edu

**Date:** 7 August 2013

**Action:** revise major requirement  
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

**Effective term** 14f  
(use format 04F, 05W)

**Current degree** BA in Economics  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed change leads to the degree of:** NA  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed name:** NA  
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

### Revising or Deleting:

**Undergraduate major / Concentration:** BA in Economics  
(Example: Applied Music – Instrumental degree BMAS)

**Undergraduate minor:** \_\_\_\_\_  
(Example: African Studies, Business Administration, English, Leadership, etc.)

**Graduate Program Policy statement change:** \_\_\_\_\_  
(Must attach your Graduate Program Policy Statement)

**Graduate Program of Study:** \_\_\_\_\_  
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

**Graduate minor / concentration:** \_\_\_\_\_

**Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.**

**List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?**

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

NONE

**Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education: <http://www.ugs.udel.edu/gened/>**

**Identify other units affected by the proposed changes:**

(Attach permission from the affected units. If no other unit is affected, enter "None")

Adding MATH 117 to acceptable list. See attached e-mail approval from Math Department.

**Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

Revise: (1) related work requirements to reflect that any MATH courses used here must have calculus as a prerequisite, and to preclude CISC 355/356 from this area; (2) simplify additional ECON course requirements to six courses at the 300-level or above with at least two of these courses at the 400-level or above; (3) to add ECON 415 and ECON 422 to the list of ECON courses of which only one of the two courses will count.

**Program Requirements:**

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and include a side-by-side comparison of the credit distribution before and after the proposed change.)

**ROUTING AND AUTHORIZATION:** (Please do not remove supporting documentation.)

Department Chairperson James L. Butcher Date 3/24/14

Dean of College John F. Gallagher Date 3/24/14

Chairperson, College Curriculum Committee Rick Andrews Date 3-25-14

Chairperson, Senate Com. on UG or GR Studies \_\_\_\_\_ Date \_\_\_\_\_

Chairperson, Senate Coordinating Com. \_\_\_\_\_ Date \_\_\_\_\_

Secretary, Faculty Senate \_\_\_\_\_ Date \_\_\_\_\_

Date of Senate Resolution \_\_\_\_\_ Date to be Effective \_\_\_\_\_

Registrar \_\_\_\_\_ Program Code \_\_\_\_\_ Date \_\_\_\_\_

Vice Provost for Academic Affairs & International Programs \_\_\_\_\_ Date \_\_\_\_\_

Provost \_\_\_\_\_ Date \_\_\_\_\_

Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_

Dear Eleanor,

We approve your request to add MATH 117 to the options for the two degrees.

Sincerely,

Gilberto Schleiniger  
Associate Chair  
Department of Mathematical Sciences  
University of Delaware  
(302) 831-1872

On Aug 7, 2013, at 4:33 PM, Craig, Eleanor D wrote:

We would like to add MATH117 – Pre-calculus for Scientists and Engineers to two of our degrees as an option to fulfill their MATH requirement:

BA in Economics and  
BA in Economics Education

We need your Dept's approval. Pls. let me know what you think. Thanks, Eleanor

*Eleanor D. Craig*

Associate Chair & Professor  
Department of Economics  
412 Purnell Hall  
University of Delaware  
Newark, DE 19716  
302-831-1904  
<image001.png>

## PARTIAL OLD CURRICULUM

### MAJOR REQUIREMENTS

Second Writing Requirement: (minimum grade C-) 3

A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 60 credit hours. See approved [second writing courses](#).

Language Requirement 3-4

Completion of the intermediate-level course (107 or 112) in a given foreign language. Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that language by taking an exemption examination 3-4.

One of the following: (minimum grade C-) 3-4

[MATH 114](#) College Mathematics and Statistics (for students who do not intend to continue the study of mathematics)

[MATH 115](#) Pre-Calculus (for students who intend to continue the study of mathematics)

[MATH 221](#) Calculus I

[MATH 241](#) Analytic Geometry and Calculus A

### BREADTH REQUIREMENTS (See Description)

*Creative Arts and Humanities* 9  
Nine credits representing at least two areas.

*History and Cultural Change* 9  
Nine credits representing at least two areas.

*Social and Behavioral Sciences* 3  
Cannot be satisfied by an Economics course.

*Mathematics, Natural Sciences and Technology* 7  
At least one course must have an associated laboratory.

[ECON 151](#) Introduction to Microeconomics: Prices and Markets (minimum grade C-) 3

[ECON 152](#) Introduction to Macroeconomics: National Economy (minimum grade C-) 3

[ECON 303](#) Intermediate Macroeconomic Theory (minimum grade C-) 3

[ECON 300](#) Intermediate Microeconomic Theory (minimum grade C-) 3

or

[ECON 301](#) Quantitative Microeconomic Theory (minimum grade C-) 3

Additional Economics Courses 18

## PARTIAL NEW CURRICULUM

### MAJOR REQUIREMENTS

Second Writing Requirement: (minimum grade C-) 3

A writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 60 credit hours. See approved [second writing courses](#).

Language Requirement 3-4

Completion of the intermediate-level course (107 or 112) in a given foreign language. Students with four or more years of high school work in a single foreign language may attempt to fulfill the requirement in that language by taking an exemption examination 3-4.

One of the following: (minimum grade C-) 3-4

[MATH 114](#) College Mathematics and Statistics (for students who do not intend to continue the study of mathematics)

[MATH 115](#) Pre-Calculus (for students who intend to continue the study of mathematics)

[MATH 117](#) Pre-calculus for Scientists and Engineers

[MATH 221](#) Calculus I

[MATH 241](#) Analytic Geometry and Calculus A

### BREADTH REQUIREMENTS (See Description)

Courses used to fulfill University breadth requirements above may also be used to fulfill department breadth requirements.

*Creative Arts and Humanities* 9  
Nine credits representing at least two areas.

*History and Cultural Change* 9  
Nine credits representing at least two areas.

*Social and Behavioral Sciences* 3  
Cannot be satisfied by an Economics course.

*Mathematics, Natural Sciences and Technology* 7  
At least one course must have an associated laboratory.

[ECON 151](#) Introduction to Microeconomics: Prices and Markets (minimum grade C-) 3

[ECON 152](#) Introduction to Macroeconomics: National Economy (minimum grade C-) 3

[ECON 303](#) Intermediate Macroeconomic Theory (minimum grade C-) 3

[ECON 300](#) Intermediate Microeconomic Theory (minimum grade C-) 3

or

[ECON 301](#) Quantitative Microeconomic Theory (minimum grade C-) 3

Additional Economics Courses 18

Six additional Economics courses at or above the 300-level, at least two of which are at or above the 400-level. At least one of the 400 level Economics electives must be chosen from courses other than [ECON 415](#), [ECON 422](#), or [ECON 423](#): (minimum grade C-)

Credit will not be allowed for both courses of any of the following sets of corresponding courses: [ECON 251](#), [ECON 300](#) and [ECON 301](#), [ECON 332](#) and [ECON 433](#), [ECON 344](#) and [ECON 444](#), [ECON 360](#) and [ECON 463](#), [ECON 381](#) and [ECON 483](#), and [ECON 390](#) and [ECON 490](#).

[MATH 201/MATH 202](#) Introduction to Statistics I and II: (minimum grade C-) 6

Related Work Requirement 9

Nine credits chosen from any 300-level or higher courses in Accounting, Anthropology, Business Administration, **Computer Science**, Finance, Geography, History, Mathematics, Philosophy, Political Science, Psychology, Sociology, and Statistics. Also acceptable are [ACCT 207](#), [ACCT 208](#), any 200-level Mathematics except [MATH 201](#), [MATH 202](#), [MATH 205](#), [MATH 250](#), [MATH 251](#), [MATH 252](#), [MATH 253](#), and any MISY courses.

**ELECTIVES**

After required courses are completed, sufficient credits must be taken to meet the minimum credits required for the degree. No more than three credits can be from HESC/BHAN 120.

**CREDITS TO TOTAL A MINIMUM OF 120**

Six additional Economics courses at or above the 300-level, at least two of which are at or above the 400-level. (minimum grade C-)

Credit will not be allowed for both courses of any of the following sets of corresponding courses: [ECON 251](#), [ECON 255](#), [ECON 300](#) and [ECON 301](#), [ECON 332](#) and [ECON 433](#), [ECON 344](#) and [ECON 444](#), [ECON 360](#) and [ECON 463](#), [ECON 381](#) and [ECON 483](#), [ECON 390](#) and [ECON 490](#), and [ECON 415](#) and [ECON 422](#).

[MATH 201/MATH 202](#) Introduction to Statistics I and II: (minimum grade C-) 6

Related Work Requirement 9

Nine credits chosen from any 300-level or higher courses in Accounting, Anthropology, Business Administration, Computer Science (except [CISC 355](#) and [CISC 356](#)), Finance, Geography, History, Philosophy, Political Science, Psychology, Sociology, and Statistics. Also acceptable are [ACCT 207](#), [ACCT 208](#), any 200-level or above MISY courses, and MATH221 or MATH241 and any 200-level or above Mathematics course requiring calculus as a prerequisite except MATH308.

**ELECTIVES**

After required courses are completed, sufficient credits must be taken to meet the minimum credits required for the degree. No more than three credits can be from HESC/BHAN 120.

**CREDITS TO TOTAL A MINIMUM OF 120**