

LSC Use Only No:	LSC Action-Date:	UWUCC USE Only No.	UWUCC Action-Date:	Senate Action Date:
		08-496	App -1/13/09	App-1/27/09

Curriculum Proposal Cover Sheet - University-Wide Undergraduate Curriculum Committee

Contact Person Nicholas Karatjas	Email Address karatjas@iup.edu
Proposing Department/Unit Economics	Phone 7-2640

Check all appropriate lines and complete information as requested. Use a separate cover sheet for each course proposal and for each program proposal.

1. Course Proposals (check all that apply)

New Course Course Prefix Change Course Deletion
 Course Revision Course Number and/or Title Change Catalog Description Change

<u>Current</u> Course prefix, number and full title	<u>Proposed</u> course prefix, number and full title, if changing
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2. Additional Course Designations: check if appropriate

This course is also proposed as a Liberal Studies Course. Other: (e.g., Women's Studies, Pan-African)
 This course is also proposed as an Honors College Course.

3. Program Proposals

New Degree Program Program Title Change Program Revision
 New Minor Program New Track Other
 Catalog Description Change

<u>Current</u> program name Bachelor of Arts - Economics	<u>Proposed</u> program name, if changing
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4. Approvals		Date
Department Curriculum Committee Chair(s)	<i>Sarah A. Meyer</i>	11-21-08
Department Chair(s)	<i>Neil K. P.</i>	11/21/08
College Curriculum Committee Chair	<i>Alan S. Seal</i>	12-10-08
College Dean	<i>Alan</i>	12/10/08
Director of Liberal Studies *		
Director of Honors College *		
Provost *	<i>Debra J. Matthews (m)</i>	1/26/09
Additional signatures as appropriate: (include title)		
UWUCC Co-Chairs	<i>Gail Sechrist</i>	1/13/09

* where applicable



Received
DEC 12 2008
Liberal Studies

Part II. Description of Curriculum Change

1a. Catalog Description of Revised Program

The Catalog Description of the Revised Program remains unchanged.

1b. List of Courses and Credits for the Revised Program

Bachelor of Arts–Economics

Liberal Studies: As outlined in Liberal Studies section with the following specifications: 54

Mathematics: MATH 121 (1)

Social Science: ECON 121

Liberal Studies Electives: 9cr, no courses with ECON prefix

College:

Foreign Language Intermediate Level (2) 0-6

Major: 27

Required Courses:

ECON 122 Principles of Microeconomics 3 cr

ECON 355 Statistics for Economists (3) 3 cr

ECON 421 Macroeconomic Analysis 3 cr

ECON 422 Microeconomic Analysis 3 cr

Controlled Electives:

Five other ECON courses (4, 5) 15 cr

Free Electives: 33-39

Total Degree Requirements: 120

- (1) MATH 115 or 125 may be substituted for MATH 121.
- (2) Intermediate-level Foreign Language may be included in Liberal Studies electives.
- (3) MATH 214, 216, 217, or 363 may be substituted for ECON 355.
- (4) No more than 6cr of internship credit may be applied toward major.
- (5) No more than two ECON Controlled Electives may be a 200-level course.

Summary of Changes – 2a. Table Comparing Old and New Programs

Bachelor of Arts–Economics

Liberal Studies: As outlined in Liberal Studies section 54
with the following specifications:
Mathematics: MATH 121 (1)
Social Science: ECON 121
Liberal Studies Electives: 9cr, no courses with ECON prefix

College:
Foreign Language Intermediate Level (2) 0-6

Major: 27

Required Courses:
ECON 122 Principles of Microeconomics 3 cr
ECON 355 Statistics for Economists (3) 3 cr
ECON 421 Macroeconomic Analysis 3 cr
ECON 422 Microeconomic Analysis 3 cr

Controlled Electives:
Five other ECON courses (4, 5) 15 cr

Free Electives: 33-39

Total Degree Requirements: 120

- (1) MATH 115 or 123 may be substituted for MATH 121.
- (2) Intermediate-level Foreign Language may be included in Liberal Studies electives.
- (3) MATH 214, 217, or 363 may be substituted for ECON 355.
- (4) No more than 6cr of internship credit may be applied toward major.
- (5) No more than two ECON Controlled Electives may be a 200-level course.

Bachelor of Arts–Economics

Liberal Studies: As outlined in Liberal Studies section 54
with the following specifications:
Mathematics: MATH 121 (1)
Social Science: ECON 121
Liberal Studies Electives: 9cr, no courses with ECON prefix

College:
Foreign Language Intermediate Level (2) 0-6

Major: 27

Required Courses:
ECON 122 Principles of Microeconomics 3 cr
ECON 355 Statistics for Economists (3) 3 cr
ECON 421 Macroeconomic Analysis 3 cr
ECON 422 Microeconomic Analysis 3 cr

Controlled Electives:
Five other ECON courses (4, 5) 15 cr

Free Electives: 33-39

Total Degree Requirements: 120

- (1) MATH 115 or 125 may be substituted for MATH 121.
- (2) Intermediate-level Foreign Language may be included in Liberal Studies electives.
- (3) MATH 214, 216, 217, or 363 may be substituted for ECON 355.
- (4) No more than 6cr of internship credit may be applied toward major.
- (5) No more than two ECON Controlled Electives may be a 200-level course.

2b. List of all associated course changes.

There are two changes in this revision:

MATH 125 (3 cr) Calculus I/Physics, Chemistry, and Mathematics *replaces* MATH 123 (4 cr) Calculus I for Physics, Chemistry, and Mathematics

MATH 216 is being added to the list of statistic courses that can substitute for ECON 355. MATH 216 has a calculus prerequisite, but ECON 355, MATH 214, and MATH 217 do not have a calculus prerequisite. There is no need for a student who has completed MATH 216 to also take ECON 355, MATH 214, or MATH 217. Also, since MATH 216 is required of ECON/MATH majors, it also should be acceptable for General Economics majors.

3. Rationale for Change.

The reason for the change is the Mathematics Department decided to replace MATH 123 which was a two-semester sequence for math and science majors covering the theory of calculus and its application with MATH 125, which is the first course in a three-semester sequence. Currently, students may take MATH 115, MATH 121, or MATH 123 to fulfill the Liberal Studies mathematics requirement. Since MATH 123 will be phased out and replaced by MATH 125, after this revision, students will be able to take MATH 115, MATH 121, or MATH 125.

Part III. Implementation. Provide answers to the following questions:

1. How will the proposed revision affect students already in the existing program?

There will be no effect since MATH 123 and MATH 125 are currently being offered. When MATH 123 is phased out, students will still have three options to fulfill the Liberal Studies mathematics requirement.

2. Are faculty resources adequate?

Faculty resources are adequate since MATH 123 is being phased out and being replaced by MATH 125.

3. Are other resources adequate?

Currently, resources are adequate.

4. Do you expect an increase or decrease in the number of students as a result of these revisions? If so, how will the department adjust?

No change is expected.

Part IV. Periodic Assessment

Departments are responsible for an on-going review of curriculum. Include information about the department's plan for program evaluation:

- 1. Describe the evaluation plan. Include evaluation criteria. Specify how student input will be incorporated into the evaluation process.**

The program is assessed as part of the regular 5-year departmental self-study. The next self-study is scheduled for 2010-2011. Student feedback is regularly sought and used in the evaluation.

- 2. Specify the frequency of the evaluations.**

Once every five years.

- 3. Identify the evaluating entity.**

The Department of Economics.

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To: University-Wide Undergraduate Curriculum Committee
From: Francisco Alarcón, Chairperson
Date: September 15th, 2008
Re.: Changes in Economics Department Programs

Dear Members of the Committee:

The current Undergraduate Catalog lists MATH 121 as the Mathematics Liberal Studies Course for the B. A. in Economics and the B.A. in Economics/Pre-Law Track with MATH 115 or MATH 123 as possible substitutions for MATH 121. MATH 123 is no longer offered by the Mathematics Department, and that course has been replaced by MATH 125. We are in support of the Economics Department's request to substitute MATH 123 with MATH 125 as an alternative for MATH 121.

Please feel free to contact me if any additional information is necessary.



Dr. Francisco Alarcón
Chairperson and Professor of Mathematics
