

ILLINOIS STATE UNIVERSITY REQUEST  
FOR NEW PROGRAM APPROVAL  
*Financial Implication Form*

**Purpose:** Proposed new undergraduate and graduate programs (degrees, sequences, minors, and certificates) must include information concerning how the program will be financially supported to proceed through the curricular process.

**Procedure:** This completed form is to be approved by the Department/School Curriculum Committee chair, department chair/school director, college dean, and Provost prior to submission of the proposal to the College Curriculum Committee.

**Definition:** A "program" can be a degree, a sequence within a degree, a minor, or a certificate. This form is to be used for both undergraduate and graduate programs.

Complete the following information:

Department: Economics

Contact person: Hassan Mohammadi

Date: 11/28/2017

Proposed new program: Master's degree in applied economics  
with sequence in quantitative economics

(Note: if the proposed program is a sequence, please indicate the full degree it is housed within)

**BRIEF DESCRIPTION OF THE PROPOSED PROGRAM**

The field of economics has become quantitative over time. Students who plan to pursue a PhD must have a solid background in quantitative methods, including courses in matrix algebra, calculus, stochastic processing, real analysis, and more. The proposed sequence in "quantitative economics" is primarily designed for students who intend to pursue a PhD in economics.

In addition to the 22 hours of required courses in economics, students will take 12 or more credit hours from a selected list of graduate-level courses in mathematics.

*Uploaded to proposal  
9/25/18*

**ENROLLMENTS**

In the table below, summarize enrollment and degrees conferred projections for the program for the first- and fifth-years of operation. If possible, indicate the number of full-time and part-time students to be enrolled each fall term in the notes section. If it is not possible to provide fall enrollments or fall enrollments are not applicable to this program, please indicate so and give a short explanation.

**TABLE  
1**

<b>STUDENT ENROLLMENT AND DEGREE PROJECTIONS FOR THE PROPOSED PROGRAM</b>		
<b>Category</b>	<b>Year One</b>	<b>5<sup>th</sup> Year (or when fully implemented)</b>
Number of Program Majors/Minors (Fall Headcount)	<b>3</b>	<b>5</b>
Annual Full-time-Equivalent Majors/Minors (Fiscal Year)	<b>3</b>	<b>5</b>
Annual Number of Degrees Awarded	<b>3</b>	<b>5</b>

Add any relevant notes for the enrollment table 1 (Students are to be enrolled in a cohort; all students will be enrolled part-time; etc.) as an attachment

**Budget Rationale (as an attachment; include corresponding data in Table 2)**

Provide financial data that document the department or school's capacity to implement and sustain the proposed program and describe the program's sources of funding.

- a. Is the unit's (College, Department, School) current operating budget (contractual, commodities, equipment, etc.) adequate to support the program when fully implemented? If "yes", please explain. If new resources are to be provided to the unit to support the program, what will be the source(s) of these funds? **[Table 2 – Section 1]**

- b. What impact will the new program have on faculty assignments in the department? Will current faculty be adequate to provide instruction for the new program?

Will additional faculty need to be hired, either for the proposed program or for courses faculty of the new program would otherwise have taught? If yes, please indicate whether new faculty members will be full-time or part-time faculty, tenure track or non-tenure track faculty.

**[Table 2 – Section 2]**

- c. Will current staff be adequate to implement and maintain the new program? If "yes", please explain. Will additional staff be hired? Will current advising staff be adequate to provide student support and advisement, including job placement and or admission to advanced studies? If additional hires will be made, please elaborate. **[Table 2 – Section 2]**

- d. Are the unit's current facilities adequate to support the program when fully implemented? Will there need to be facility renovation or new construction to house the program? (For a new degree program describe in detail the facilities and equipment available to maintain high quality in this program including buildings, classrooms, office space, laboratories, equipment and other instructional technologies for the program). *[Table 2 – Section 3]*
- e. Are library resources adequate to support the program when fully implemented? Please elaborate.
- f. Are there any additional costs not addressed in items a. – d.? If “yes” please explain.  
*[Table 2 – Section 4]*
- g. Are any sources of funding temporary (e.g., grant funding)? If so, how will the program be sustained once these funds are exhausted?
- h. If this is a graduate program, discuss the intended use of graduate assistantships and where the funding for assistantships would come from.

Table 2: RESOURCES REQUIREMENTS

TABLE 2

ESTIMATED COSTS OF THE PROPOSED PROGRAM- Only new resources not currently available to the program			
Category	Unit of Measurement	Year One	5 <sup>th</sup> Year (or when fully implemented)
<b>Section 1: Operating Expenses</b>			
Including but not limited to: Contractual, Commodities, Equipment, etc.	\$	\$0.00	\$0.00
<b>Section 2: Personnel</b>			
Faculty	FTE	# 0	# 0
Faculty	\$	\$	\$
Other Personnel Costs – All Staff excluding Faculty	\$	\$ 0.00	\$ 0.00
<b>Section 3: Facilities</b>			
Including but not limited to rental, maintenance, etc.	\$ 0.00	\$ 0.00	\$ 0.00
<b>Section 4: Other Costs (Itemized)</b>			
•	\$ 0.00	\$ 0.00	\$ 0.00
•	\$	\$	\$
•	\$	\$	\$
•	\$	\$	\$
•	\$	\$	\$
<b>Total</b>	\$ 0.00	\$ 0.00	\$ 0.00

**Routing and action summary – in sequential order:**

1. <u>Hossan Mohammadi</u>	<u>11/28/17</u>
Department/School Curriculum Committee Chair	Date Approved
2. <u>[Signature]</u>	<u>28 Nov 17</u>
Department Chairperson/School Director	Date Approved
3. <u>[Signature]</u>	<u>11/28/17</u>
College Dean	Date Approved
4. <u>[Signature]</u>	<u>2.5.18</u>
Provost	Date Approved
5. <u>[Signature]</u>	<u>9/25/18</u>
College Curriculum Committee Chairperson	Date Approved
6. _____	_____
Teacher Education Council Chair	Date Approved
7. _____	_____
University Curriculum Committee Chairperson	Date Approved

**Once approved, include this form with the curricular proposal for the new program.**

## **Budget rationale**

- a. The economics department's annual operating budget is adequate to support the new program when fully implemented. First, we expect only a modest increase in the total number of students in the master's program due to the new sequence in quantitative economics. Data over the past few years shows that on the average, three students continued their studies into a PhD program. We expect this trend to continue in the future, and the sequence attract five students at its peak. Therefore, we do not expect a sharp increase in the number of students due to the implementation of this new sequence. Second, given the class size in our graduate courses, we can easily accommodate additional students in core and elective courses. Third, the new sequence does not require any additional course offerings in the economics department. The students in the sequence will take 22 hours of core courses in economics along with other students in the program. For the remaining 12 credit hours, they will take three to four graduate level courses in the math department. These course are regularly offered by the math department, and the additional enrollment is not expected to impose additional costs on that department. Please see the supporting letter (attached) from Dr. Amin Bahmanian, graduate program director in math department.**
- b. The new sequence will not have any material effect on faculty assignments in both economics and math department. AS explained in part (a), the new sequence is based on existing courses offered in both economics and math departments, and does not require any new courses. Put it differently, it simply re-packages the existing courses.**
- c. The current staff is adequate to implement and maintain the new sequence. There is no need to hire additional staff. The graduate program director in economics is in charge of all student support and curriculum advising.**
- d. Our current facilities are adequate, and we do not foresee a need for facility renovation and/or new construction. Given the size of our existing master's program, we do not expect serious challenges due to additional enrollments.**
- e. Library resources are adequate, and we do not expect any changes in library resources due to this sequence.**
- f. We do not expect any additional costs due to this new sequence.**
- g. There is no source of funding for this new sequence. We do not expect a need for funding for this sequence.**
- h. The graduate assistantships in economics originate from two alternative sources – the College of Arts and Sciences and faculty grants. The GA funds are allocated competitively, based on students overall academic records. We do not expect the new sequence to have a material impact on the number and magnitude of the GA offers.**



ILLINOIS STATE  
UNIVERSITY  
*Illinois' first public university*

Department of Mathematics

313 Stevenson Hall  
Campus Box 4520  
Normal, IL 61709-4040  
Phone: (309) 438-8781

Oct 27, 2017

Dear College Curriculum Committee Members,

The proposed master's program in Applied Economics does not have an impact on course offering in the Mathematics Department. Moreover, it does not impose any additional costs on the Mathematics Department.

Please let me know if you have any questions.

Sincerely,

A handwritten signature in cursive script that reads "Amin Bahmanian".

Amin Bahmanian  
Director, Masters Program in Mathematics