

REAL Curriculum Program Alignment Proposal

Department or School: Enter dept/school name: Economics

Date: 1/8/2020

Degree type: BS BA BBA BSN BM BFA BSW Minor Certificate

Program: Minor in Economic Forecasting

REAL Area Program Designation Sought (check all that apply): R E A L

Dept/School Contact: Thomas Duncan (Curriculum Chair) tduncan13@radford.edu

BS/BA Requirements: Enter courses required for BS or BA requirement. Each degree program needs to be submitted separately.

- Any degree program that fulfills a REAL area must include at least 9 unique credit hours for each area covered. At least 3 of these 9 credit hours must be at the 300 level or above
- A single major degree program may fulfill no more than three REAL areas for any one student, unless all four REAL areas are fulfilled by accreditation or licensure requirements.
- A single minor or certificate degree program may fulfill no more than two REAL areas.
- Degree program may cover up to two REAL areas using a single prefix.
- All courses documenting the coverage of a REAL area must fulfill all learning outcomes and be designated in that area.
- All courses that document fulfillment of a REAL area within a degree program of study are NOT required to be taught by the department/school. However, departments/schools are expected to formally communicate with other departments about reliance on and inclusion of courses in their degree program plans of study. Indicate this through signature of chair or director of the partnering department or school in the areas below.
- Departments or schools that seek to fulfill REAL areas must acknowledge assessment requirements for those areas. Assessment of degree seeking students is required to be conducted yearly by the department or school offering the degree program.
- If departments or schools want to use a menu of courses to fulfill a particular area, please duplicate the sections below for each REAL area and include information for each course included in the menu of options.

Official Program Description:

Please paste the entire official program description from the Radford University catalog in the space within this box. Find those here: <https://catalog.radford.edu/>

Minor in Economic Forecasting

Proposed Program

(15-16 Semester Hours)

The Economics Department offers a minor in economics that consists of 15 semester hours of math and economics courses.

Required Courses (15-16 credit hours)

Econ 105: Principles of Macroeconomics (3 credit hours)

Econ 106: Principles of Microeconomics (3 credit hours)

Econ 321: Econometrics (3 credit hours)

Stat 200: Introduction to Statistics (3 credit hours)

MATH 126 - Business Calculus OR MATH 151 - Calculus and Analytic Geometry I OR MATH 169 – Calculus with Integrated Precalculus II OR MATH 171 – Calculus I (3-4 credit hours)

SCIENTIFIC AND QUANTITATIVE REASONING

<p>R Area: Course Prefix: STAT Course Number: 200 Course Title: Introduction to Statistics Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 30</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below. Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>
<p>R Area: Course Prefix: MATH Course Number: 126/151/169/171 Course Title: Business Calculus/ Calculus Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 30</p>	<p>Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective Is this course offered within your dept/school? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below. Course Rotation: <input checked="" type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:</p>

R Area: Course Prefix: Econ Course Number: 321 Course Title: Econometrics Credit Hours: 3 New course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Revised course: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Projected enrollment need per academic year: 30	Is this course required or an elective for your degree program? <input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective Is this course offered within your dept/school? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If no, collaborating dept/school must also complete the remaining elements, and must sign below. Course Rotation: <input type="checkbox"/> Fall <input checked="" type="checkbox"/> Spring <input type="checkbox"/> Intersession <input type="checkbox"/> Other (Explain below) Intended Frequency: <input checked="" type="checkbox"/> Every academic year <input type="checkbox"/> Every semester <input type="checkbox"/> Every other year <input type="checkbox"/> At least once every three years <input type="checkbox"/> Other Signature of collaborating chair/director indicating acknowledgement for inclusion and designation if not offered in dept/school:
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R Designated Course Required within the Program of Study Approved for Inclusion in the General Education Coursework: Stat 200 and MATH 126: Business Calculus OR MATH 169: Calculus I with Integrated Precalculus II OR MATH 171: Calculus and Analytic Geometry I (formerly MATH 151)

R Area: Learning Goal: To apply scientific and quantitative reasoning to questions about the natural world, mathematics, or related areas. Describe assessment plan: The Program plans to utilize the university-wide assessment measures for the area. The assessment results of Econ BBA majors will be reviewed by the Department Assessment Committee and the Department Curriculum Committee. Based on the reviews, feedback will be provided to departments and faculty who teach the courses in the area. The Department also plans to modify ECON 321 as needed.	
Learning Outcome 1: Students apply scientific and quantitative information to test problems and draw conclusions.	Description of learning outcome assessment plan: Assessment will take place through new university approved universal assessment measure.
Learning Outcome 2: Students evaluate the quality of data, methods, or inferences used to generate scientific and quantitative knowledge.	Description of learning outcome assessment plan: Assessment will take place through new university approved universal assessment measure.



Are existing material resources adequate to support this program alignment proposal?
 Yes No If not, what additional material resources would be needed?

Are existing space resources adequate to support this program alignment proposal?
 Yes No If not, what additional space resources would be needed?

Are existing human resources adequate to support this program alignment proposal?
 Yes No If not, what additional human resources would be needed?

Department Curriculum Committee
Recommendation:

Signature: Thomas R Duncan

Date: 3/27/2020

Chair/Dean on Behalf of Dept/School:

Signature: [Handwritten Signature]

Date: 7/2/2020

College Curriculum Committee
Approval:

Signature: [Handwritten Signature]

Date: 7/2/2020

Dean/AVP Approval:

Signature: Jayendra Bhaskary

Date: 7/3/2020

REAL Council Recommendation:

Signature: _____

Date: _____

Faculty Senate Curriculum Committee
Recommendation:

Signature: _____

Date: _____

Faculty Senate Approval:

Signature: _____

Date: _____

Provost Approval:

Signature: _____

Date: _____