Please use the following format to modify any existing program. Any deletions from an existing program need to be underlined (left hand column), and any additions/changes to the program need to be in CAPS (right hand column).

<table>
<thead>
<tr>
<th>EXISTING PROGRAM</th>
<th>PROPOSED PROGRAM</th>
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<tbody>
<tr>
<td><strong>Name of Degree Program</strong></td>
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<tr>
<td>Bachelor of Arts in Economics</td>
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<tr>
<td><strong>Catalog Description of the Program</strong></td>
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<tr>
<td>The program in economics focuses on the integration of core economic analysis with relevant interdisciplinary applications. The program develops analytical tools and communication skills in the context of economic theory and its linkages to a broad array of human decisions. Economics, as a social science, seeks to explain and predict the behavior of consumers, producers, managers, government officials and citizens by examining the interactions of incentives and constraints in an environment of ever-present scarcity of time, skills and resources. Microeconomics focuses on the choices of individuals and firms, as well as their role in the marketplace, while macroeconomics aggregates economic activity to the national level to analyze trends and fluctuations in overall economic activity. The economics program offers flexibility and opportunity through its emphases: general, environmental resource, international, managerial or quantitative economics. These emphases allow students to pursue specific interests and maximize connections to disciplines related to economics.</td>
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## Requirements for the Degree Program

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Units</th>
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<tbody>
<tr>
<td>Lower Division Required</td>
<td>9-10</td>
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<tr>
<td>Upper Division Required</td>
<td>15-16</td>
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<tr>
<td>Required Emphasis</td>
<td>15-20</td>
</tr>
<tr>
<td>General Education</td>
<td>48</td>
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<tr>
<td>Title V</td>
<td>6</td>
</tr>
<tr>
<td>Free Electives</td>
<td>21-27</td>
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<tr>
<td><strong>Total</strong></td>
<td>120</td>
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</tbody>
</table>

### Lower Division Requirements (9-10 units)
- ECON 110 Principles of Microeconomics (3)  
- ECON 111 Principles of Macroeconomics (3)  
- MATH 140 Calculus for Business Applications (3)  
  or MATH 150 Calculus I (4)

### Upper Division Requirements (15-16 units)
- ECON 310 Intermediate Microeconomics (3)  
- ECON 311 Intermediate Macroeconomics (3)  
- MATH 329 Statistics for Business and Economics (3)  
  or MATH 352 Probability and Statistics (3)  
- ECON 486 Introduction to Econometrics (3)  
- ECON 488 Applied Managerial Econometrics (4)  
- ECON 499 Capstone (3)

### Electives (21-27 units)

### Required Supporting and other GE Courses
- General Education (48)
- Title V (6)

### Emphasis or Option Requirements
1. **General Economics Emphasis** (15 units)
   - Lower Division Requirements (3 units)
     - ACCT 210 Financial Accounting (3)
   - Upper Division Requirements (12 units)
     - A minimum of 4 upper division courses in economics (or approved courses outside of economics) as follows:
       - At least two courses must be taken from cross-disciplinary courses offered by economics (ECON 330-349 and 430-449).  
       - A minimum of three economics courses at the 400 level are required.  
       - ECON 300, 492, and 497 may not be taken to meet the requirements of the economics major.

2. **Environmental Resource Economics Emphasis** (15 units)
   - Lower Division Requirements (3 units)
     - ACCT 210 Financial Accounting (3)
   - Upper Division Requirements (12 units)
     - A minimum of 4 upper division courses in economics (or approved courses outside of economics) as follows:
       - At least two courses must be taken from cross-disciplinary courses offered by economics (ECON 330-349 and 430-449).  
       - A minimum of TWO economics courses at the 400 level are required.  
       - ECON 300, 492, and 497 may not be taken to meet the requirements of the economics major.

Note: Students selecting the Quantitative Economics emphasis must take MATH 352 Probability and Statistics (3) instead of MATH 329.
## 2. Environmental Resource Economics Emphasis (15 units)

**Lower Division Requirements** (3 units)
ESRM 100 Introduction to Environmental Science and Resource Management (3)

**Upper Division Requirements** (12 units)
A minimum of 4 upper division courses in economics (or approved courses outside of economics) as follows:
- ECON 362 Environmental Economics (3)
- ECON 464 Natural Resource Economics (3)
- ESRM 329 Environmental Law and Policy (3)
- ECON 464 Natural Resource Economics (3)
- ECON 400+ ELECTIVE COURSE (3)
- ECON 362 Environmental Economics (3)
- ECON 464 Natural Resource Economics (3)
- ECON 400+ ELECTIVE COURSE (3)

One course may be taken from the following list of approved courses outside of economics in meeting this requirement:
- ESRM 410 Environmental Impact Assessment (3)
- ESRM 462 Coastal and Marine Management (3)
- ESRM 463 Water Resources Management (3)
- ESRM 464 Land Use Planning and Agricultural Management (3)
- ESRM 482 Issues in Environmental Planning and Resource Management (3)
- ESRM 483 Issues in Global Resource Management (3)

A minimum of three economics courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.

## 3. International Economics Emphasis (20 units)

**Lower Division Requirements** (8 units)
A minimum of 2 courses in a foreign language or equivalent (for example, SPAN 101 (4) and 102 (4)).

*Note:* This requirement represents one additional course beyond the CSUCI foreign language requirement.

**Upper Division Requirements** (12 units)
A minimum of 4 upper division courses in economics (or approved courses outside of economics) as follows:

- Three courses from the following:
  - ECON 370 The World Economy (3)
  - ECON 471 International Trade (3)
  - ECON 472 International Macroeconomics (3)
  - ECON 473 Economic Development (3)
  - ESRM 483 Issues in Global Resource Management (3)
  - MGT 310 Management of International Business (3)

A minimum of three economics courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.

## 4. Managerial Economics Emphasis (15 units)

**Lower Division Requirements** (3 units)
ESRM 100 Introduction to Environmental Science and Resource Management (3)

**Upper Division Requirements** (12 units)
ECON 464 Natural Resource Economics (3)
ECON 400+ ELECTIVE COURSE (3)
ECON 362 Environmental Economics (3)
ESRM 410 Environmental Impact Assessment (3)
ESRM 462 Coastal and Marine Management (3)
ESRM 463 Water Resources Management (3)
ESRM 464 Land Use Planning and Agricultural Management (3)
ESRM 482 Issues in Environmental Planning and Resource Management (3)
ESRM 483 Issues in Global Resource Management (3)

A minimum of three courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.
4. Managerial Economics Emphasis (15 units)

Lower Division Requirements (3 units)
ACCT 210  Financial Accounting (3)

Upper Division Requirements (12 units)
A minimum of 4 upper division courses in economics (or approved courses outside of economics) as follows:
ECON 320  Money and Banking (3)
or
ECON 329  Managerial Economics (3)
FIN 300  Business Finance (3)

A minimum of three economics courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.

Note: Students selecting this emphasis must take either ECON 320 or 329, but may not take both courses for credit in the major.

5. Quantitative Economics Emphasis (19 units)

Lower Division Requirements (10 units)
MATH 151  Calculus II (4)
MATH 250  Calculus III (3)
MATH 240  Linear Algebra (3)

Upper Division Requirements (9 units)
A minimum of 3 upper division courses in economics (or approved courses outside economics) as follows:
At least two courses must be taken from cross-disciplinary courses offered by economics (ECON 330-349 and 430-449).

One course may be taken from the following list of approved courses outside of economics in meeting this requirement:
BUS 320  Business Operations (3)
MATH 429  Operations Research (3)

A minimum of three economics courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.

Lower Division Requirements (3 units)
ACCT 210  Financial Accounting (3)

Upper Division Requirements (12 units)
A minimum of 4 upper division courses in economics (or approved courses outside of economics) as follows:
FIN 300  Business Finance (3)
ECON 320  Money and Banking (3)
or
ECON 329  Managerial Economics (3)
ECON 471  INTERNATIONAL TRADE (3)
OR
ECON 472  INTERNATIONAL MACROECONOMICS (3)

At least one course must be taken from cross-disciplinary courses offered by economics (ECON 330-349 and 430-449).
A minimum of TWO economics courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.

Note: Students selecting this emphasis must take either ECON 320 or 329, but may not take both courses for credit in the major.

5. Quantitative Economics Emphasis (19 units)

Lower Division Requirements (10 units)
MATH 151  Calculus II (4)
MATH 250  Calculus III (3)
MATH 240  Linear Algebra (3)

Upper Division Requirements (9 units)
A minimum of 3 upper division courses in economics (or approved courses outside economics) as follows:
At least ONE course must be taken from cross-disciplinary courses offered by economics (ECON 330-349 and 430-449).

MATH 429  Operations Research (3) may be taken to meet this requirement.
A minimum of TWO economics courses at the 400 level are required.
Econ 300, 492, and 497 may not be taken to meet the requirements of the economics major.

Note: To meet the calculus and statistics requirement, students selecting this emphasis must take MATH 150 and MATH 352.
Note: To meet the calculus and statistics requirement, students selecting this emphasis must take MATH 150 and MATH 332.

SUMMARY OF CHANGES
- Reductions in the number of required 400-level economics courses.
- Tightening of course options for clarity in student advising.

JUSTIFICATION
The economics program could not be fully implemented as originally proposed given the inability to offer a wide range of upper division economics courses in the beginning phases of the program. These changes offer additional flexibility and clarity. As the program grows, we expect to propose a program modification to restore some of the originally proposed requirements.

Paul Rivera                          Feb. 13, 2006

Proposer of Program Modification    Date
Approvals

______________________________  _______________________
Program Chair                  Date

______________________________  _______________________
Curriculum Committee Chair      Date

______________________________  _______________________
Dean                           Date
1. Program Title: Bachelor of Arts in Economics

2. Program Area: Business & Economics

**Recommend Approval**

<table>
<thead>
<tr>
<th>Program Area/Unit</th>
<th>Program/Unit Chair</th>
<th>YES</th>
<th>NO (attach objections)</th>
<th>Date</th>
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