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FACULTY SENATE
CURRICULUM COMMITTEE

Approval Form

Department Political Science/Economics

Title Economic Statistics

Sponsor(s) Dr. Eva Aronfreed, Dr. Hamer, Dr. Mukhoti
Prof. Hitchner, Dr. Kressler. No. of Credits 3

COURSE 2204.282 CONCENTRATION

Approved by the department Graduate ()

Not recommended by the department Undergraduate (X)

Information copies forwarded: Academic Dean; Chairman; Curriculum Committee

Signature: Department Chairman

DIVISION

Consultation on proposal has been held

Comments: See insert on page 1
- Please include statement about method for evaluating students.

Academic Dean 3/2/76
Signature: Academic Dean and/or Divisional Committee

CURRICULUM COMMITTEE

Proposal received

Open Hearing held

Returned to the department for the following reason(s):

Approved by the Curriculum Committee

Presented to Executive Committee of the Faculty Senate as information

Notifications forwarded: Vice President for Academic Affairs

Chairman, Curriculum Committee
Signature: Chairman, Curriculum Committee

75-76-47

ACADEMIC DEAN

I have reviewed the final documents as approved and concur with same.
Budget, faculty and library resources are adequate for immediate implementation.

I have reviewed the final documents as approved and concur with same.
Budget, faculty and/or library allocations for the current academic year
are inadequate for immediate implementation or implementation in the next
fiscal year. The earliest that the proposal might be implemented would be

HEGIS Taxonomy Number: _____

Signature: Academic Dean _____

Copies forwarded: Chairman, Curriculum Committee; Department Chairman;
Provost; Registrar

REGISTRAR

Approved course description received

Signature: Registrar _____

PROVOST

Official copy and approval sheet filed

Signature: Provost (or designee) _____

- Note:
- 1) Course proposal format is attached
 - 2) A copy of this approval form should accompany each proposal
 - 3) A copy of a proposed catalogue description of the course must accompany the proposal as a separate page.

GLASSBORO STATE COLLEGE
GLASSBORO, NEW JERSEY
NOVEMBER, 1975

COURSE PROPOSAL

I. Identification

- A. Title of the Course - Economic Statistics
- B. Department - Department of Political Science/Economics
- C. Sponsors - Dr. Eva Aronfreed, Chairperson

The Committee on the Economics Major Program

II. Essence

- A. Graduate or undergraduate course: undergraduate
- B. Semester hours credit: 3
- C. Course level: 200, suggested Hegis number 2204,282
- D. Prerequisites: 1702.100 (Elementary Statistics I)
- E. Position of the course in the current and planned departmental curricular structure: For the economics major, it is a required course, but for the college community, it is a free elective.
- F. Suggested time and scale of implementation: It is anticipated that this course will be offered for the first time in the Spring of 1978 with an expected enrollment of 15 students.

III. Other Details

- a. Adequacy of the present staff and resources for implementation and specific additional needs. The present staff is more than adequate to teach this particular course.
- b. Library facilities and needs. The library holdings are adequate.
- c. Space - A conventional classroom is all that is needed.
- d. Uniqueness of the course. This is the only statistics course with economic applications.

- e. Major goal of the course: To develop a knowledge of statistical methods as applied to the field of economics.

IV. Topical Outline

1. Inference - Estimation
2. Inference - Tests of Hypotheses
3. Descriptive Measures of Bivariate Distributions
4. Regression and Correlation
5. Analysis of Time Series
6. Index Numbers

V. Rationale

It is essential that an economic's major develop abilities to analyze and interpret economic data.

VI. Consultations

Dr. John Sooy, Chairperson of the Department of Mathematics, was consulted on November 17, 1975. He expressed his support for the course.

VII. Catalogue Description ✓

Studies statistical decision making, linear regression, correlation, and the construction and uses of index numbers and time series, through the explicit use of economic examples, illustrations, and applications.

VIII. Method of Student Evaluation

Evaluation of student performance will be made on the basis of in-class examinations and/or projects/term papers.

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