

Approval Form

©

Proposal Title: Research Design in Health and Physical Education

Sponsor(s) Dr. Edward Chaloupka Dept.: Health & Phys. Ed. Ext. 5341

Dr. Mary L. Putman Health & Phys. Ed. 7110

Check one: Course Specialization Concentration Minor Achievement Certificate
 Certification Program Major Program Minor Change (please name deletion or credit/title/catalog change)

Undergraduate Graduate 3.0 Credit Hours

<p>Step 1 (Department)</p> <p><input checked="" type="checkbox"/> Approved <u>4/1/91</u> Date</p> <p><input type="checkbox"/> Not Approved</p> <p><u>Edward Chaloupka</u> Dept. CC Chairperson</p> <p><input type="checkbox"/> Reviewed <u>3/13/91</u> Date</p> <p><u>Mary L. Putman</u> Dept. Chairperson</p>	<p>Step 2 (Receipt)</p> <p><input checked="" type="checkbox"/> SCC# <u>90-91-40</u></p> <p>Proposal Received <u>2-8-91</u> Date</p> <p><u>Don Hathaway</u> SCC Chairperson</p>	<p>Step 3 (School CC)</p> <p>Reviewed <u>3-26-91</u></p> <p><input checked="" type="checkbox"/> Approved <input type="checkbox"/> Not Approved</p> <p>Comments:</p> <p><u>Philip Combs</u> School Curr. Comm. Chairperson</p>
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Step 4 (Academic Dean)

Recommend
 Not Recommend
 Conditionally Recommend (see comments)

Reviewed 3/28/91 Date

Comments:

Don Stupel
Signature, Dean of School

Step 5 (SCC)

Open Hearing 4/1/91 Date Approved by Senate Curriculum Committee 4/1/91 Date

Returned to sponsor(s) for the following reasons:

Step 6 (Senate)

Presented to Senate 4/1/91 Date Approved Not Approved

Notification to Executive Vice-President/Provost 4/1/91 Date Don Hathaway Signature, SCC Chairperson

Step 7 (Executive V.P./Provost)

Received 5/13/91
Date

Approved Yes No

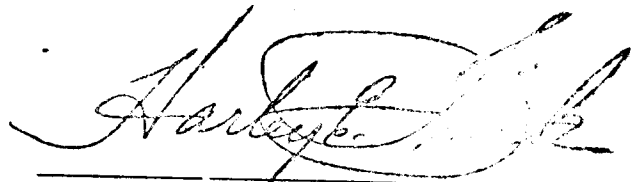
If no, reasons are as follows:

Student credit hours 3.94

Faculty load hours 3.24

Equalized credit hours 3 ECH

Official copy and approval sheet filed MAY 29 1991
Date


Signature, Executive Vice-President/Provost

Registrar

Approved course description received 28 May '91
Date

Hegis Taxonomy and Course Number assigned 0835. 595

B. Z. Kelson 28 May '91
Signature, Registrar Date

Notification forwarded:

- Senate Curriculum Committee Chairperson
- Department Chairperson(s)
- Academic Dean(s)
- Registrar
- Sponsor(s)

GLASSBORO STATE COLLEGE

Department of Health and Physical Education

New Course Proposal

I. DETAILS

- A. COURSE TITLE: Research Design in Health and Physical Education
- B. SPONSORS: Dr. Edward Chaloupka, Graduate Coordinator
Dr. Mary L. Putman, Chairperson
- C. CREDIT HOURS: 3.0 s.h.
- D. COURSE LEVEL: Graduate
- E. CURRICULAR EFFECT: Required course in research area of Master of Arts degree program
- F. PRE-REQUISITES: None
- G. IMPLEMENTATION: Fall, 1991
- H. RESOURCES: Adequate staff exists in the Department of Health and Physical Education

II. RATIONALE:

- A. Course title and catalog description changed to reflect deletion of statistical investigation in "Research and Statistics in Health and Physical Education." This change is coupled with the introduction of the course "Quantitative Analysis in Health and Physical Education." This change is desired to increase depth of investigation in research processes by devoting one complete course to this area of study (Research Design in Health and Physical Education) and also to increase depth of investigation in statistical application by devoting one complete course to this area of study (Quantitative Analysis in Health and Physical Education).
- B. Curricular Effect: This change is seen as improving the academic preparation of the graduate student in health and physical education by increasing study in both research design and statistical application. No credit hour change occurs with the introduction of the course "Quantitative Analysis in Health and Physical Education" (3.0 s.h.) as the student will take this course in lieu of an elective course (3.0 s.h.) outside of the health and physical education course offerings.

III. ESSENCE OF THE COURSE

- A. Objectives: As a result of this course, the student will:
1. gain knowledge concerning the importance and meaning of research in health and physical education;
 2. understand the foundations and current trends in investigation in health and physical education;
 3. develop insight into the formation of criteria in selecting problems for study;
 4. develop skills in library research techniques in health and physical education; and
 5. stimulate an interest in the scientific method of inquiry as it relates to research in health and physical education
- B. Topical Outline:
1. Introduction to Research in Health and Physical Education
 - a. Definition of Research
 - b. Research in Physical Education
 - c. Research in Health
 - d. Basic Research Techniques
 2. Research Problem Selection
 - a. Criteria for Selection
 - b. Defining the Problem
 - c. Generating the Problem Statement
 - d. Limitations/Delimitations of the Problem
 3. Research Process and Literature Investigation Techniques
 - a. Reasons for Review of Literature
 - b. Search Techniques in Health and Physical Education
 4. Non-Experimental Research Design
 - a. Historical
 - b. Philosophical
 - c. Survey Techniques
 - d. Case Studies
 5. Basic Experimental Research Designs and Subject Assignment
 - a. Single Group
 - b. Repeated Measures Group
 - c. Random Group
 - d. Factorial Designs

6. Health and Physical Education Experimental Research Areas
 - a. Biomechanics
 - b. Exercise Physiology
 - c. Exercise Epidemiology
 - d. Growth and Development
 - e. Measurement and Evaluation
 - f. Motor Control and Learning
 - g. Pedagogy
 - h. Sport Psychology
 7. Ethical Issues and Design Pitfalls
 - a. Consent, Harm, Privacy, Deception
 - b. Internal/External Validity
 8. Selection of Research Area for Master's Thesis
- C. Evaluation of Students
1. Completion of assigned abstract/critiques
 2. Quizzes
 3. Examinations
 4. Oral presentations
 5. Outside assignments
- D. Evaluation of Course
1. Oral feedback from students
 2. Standardized written course evaluations by students

IV. RESULTS OF CONSULTATION

Graduate Committee - Department of Health and Physical Education

CATALOG DESCRIPTION - Research Design in Health and Physical Education

Students will investigate research procedures and design in health and physical education. Literature review techniques, experimental and non-experimental research designs, subject selection and assignment, and ethical issues in conducting research are areas studied.