Term Information

Effective Term: Summer 2012

Course Change Information

What change is being proposed? (If more than one, what changes are being proposed?)
Increase credit hours from 3 to 4

What is the rationale for the proposed change(s)?
The course requires a lab, which was previously offered as a separate course (PAES 501), but should now be part of the lecture course.

What are the programmatic implications of the proposed change(s)?
(e.g. program requirements to be added or removed, changes to be made in available resources, effect on other programs that use the course)?
None

Is approval of the request contingent upon the approval of other course or curricular program request? No

Is this a request to withdraw the course? No

General Information

Course Bulletin Listing/Subject Area: Education: Phys Actvty & Ed Svc
Fiscal Unit/Academic Org: Schl of Phys Act & Educ Serv - D1270
College/Academic Group: Education & Human Ecology
Level/Career: Graduate, Undergraduate
Course Number/Catalog: 5500
Course Title: Science of Physical Activity for Health Care Professionals
Transcript Abbreviation: Phys Act Hea Care
Course Description:
Exames the primary human physiological systems and their response to acute and chronic exercise stimuli, as well as the effects of training and physical activity on health, fitness and human performance.

Semester Credit Hours/Units:
Fixed: 4
Previous Value: Fixed: 3

Offering Information

Length Of Course: 14 Week, 7 Week, 4 Week (May Session), 12 Week (May + Summer)
Flexibly Scheduled Course: Never
Does any section of this course have a distance education component? No
Grading Basis: Letter Grade
Repeatable: No
Course Components:
Laboratory, Lecture

Previous Value:

Grade Roster Component: Lecture
Credit Available by Exam: No
Admission Condition Course: No
Off Campus: Never
Campus of Offering: Columbus
Prerequisites and Exclusions

Prerequisites/Corequisites
Prereq: Jr standing or above.

Exclusions
Not open to students with credit for PAES 500.

Cross-Listings

Subject/CIP Code

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<tr>
<th>Subject/CIP Code</th>
<th>36.0108</th>
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<tr>
<td>Subsidy Level</td>
<td>Doctoral Course</td>
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<td>Intended Rank</td>
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Quarters to Semesters

Quarters to Semesters
Modified or re-envisioned course that includes substantial parts of the content and learning goals of one or more quarter courses

List the current courses by number and title that are to be subsumed into proposed course
EduPAES 500: Science of Physical Activity for Health Care Professionals.

Requirement/Elective Designation

The course is an elective (for this or other units) or is a service course for other units

Course Details

Course goals or learning objectives/outcomes

Content Topic List

• Effects of training and physical activity on health, fitness and human performance
• How carbohydrates and lipids are used as fuel for exercise
• Nutritional strategies for optimal exercise performance
• Definition and description of chemical dependency
• Cardiovascular dynamics and gas exchange in the human body
• The determinants of aerobic and anaerobic exercise performance
• Training strategies to optimize aerobic and anaerobic exercise performance
• The influence of chronic endurance and resistance training on health and fitness
• The principles of resistance training
• The interaction of exercise with aging and other special populations
• The influence of environmental changes on exercise performance and the effects of ergogenic aids

Attachments
Comments

Workflow Information

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<td>04/09/2012 09:21 AM</td>
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