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
Course Number/Catalog: 7896.23
Course Title: Colloquium in Exercise Science
Transcript Abbreviation: Colloq in Ex Sci
Course Description: This course is a forum for exercise science graduate students to present research proposals and results.
Semester Credit Hours/Units:Variable: Min 1 Max 10

Prerequisites and Exclusions

Prerequisites/Corequisites: Graduate status in Exercise Science or permission of instructor.
Exclusions:

Cross-Listings

Cross-Listings

Subject/CIP Code

Subject/CIP Code: 13.0101
Subsidy Level: Doctoral Course
Intended Rank: Masters, Doctoral

Quarters to Semesters

Quarters to Semesters: New course
Give a rationale statement explaining the purpose of the new course: No equivalent colloquium course existed and this is an opportunity to add such a course.
Sought concurrence from the following Fiscal
Units or College

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

- Enhance the understanding and proficiency in conducting high quality research in health and exercise science.
- Develop logical, well-organized research proposals and presentations that address meaningful topics of inquiry in health and exercise science research.
- Identify and evaluate the strengths and limitations of health and exercise science research proposals and findings.

Content Topic List

- Develop and refine the personal presentational and public speaking skills necessary to present research proposals and research findings.
- Identify and develop appropriate, insightful questions that are relevant for health and exercise science research presentations.
- Develop and refine the organizational, analytical, and presentational skills necessary to successfully complete presentation of master’s theses and doctoral dissertation findings.

Attachments

- 7896 - Colloquium Syllabus.doc
  (Syllabus. Owner: Wheaton, Joe Edward)

Comments

Workflow Information

<table>
<thead>
<tr>
<th>Status</th>
<th>User(s)</th>
<th>Date/Time</th>
<th>Step</th>
</tr>
</thead>
<tbody>
<tr>
<td>Submitted</td>
<td>Wheaton, Joe Edward</td>
<td>10/24/2011 12:34 PM</td>
<td>Submitted for Approval</td>
</tr>
<tr>
<td>Approved</td>
<td>Wheaton, Joe Edward</td>
<td>10/24/2011 12:34 PM</td>
<td>Unit Approval</td>
</tr>
<tr>
<td>Pending Approval</td>
<td>Achterberg, Cheryl L</td>
<td>10/24/2011 12:34 PM</td>
<td>College Approval</td>
</tr>
<tr>
<td></td>
<td>Blount, Jackie Marie</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zircher, Andrew Paul</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
The Ohio State University: School of Physical Activity and Educational Service  
Graduate Program in Health and Exercise Science  
PAES 7896.23 – Colloquium in Health Exercise Science

Professor: R. Petosa, Ph.D., FAAHB  
E-mail: Petosa.1@osu.edu

Day & Time: Friday, 1:30 p.m. – 2:18 p.m.  
Location: PE 109

Registration:  
All current graduate students in Health and Exercise Science.

Course Objectives:  
The objective of PAES 886, Colloquium in Exercise Science is to enhance the understanding of and proficiency in conducting high-quality research in health and exercise science. This class is primarily a forum for students to present research proposals and research results, including thesis and dissertation results, and to be exposed to related research presented by guest scholars. You also have the opportunity to develop and practice your own presentation skills.

Grading:  
Course grades will be assigned as “satisfactory” or “unsatisfactory” (S/U, 1 credit hour).

Attendance:  
One absence from a scheduled colloquium per quarter is permitted. More than one absence per quarter will result in a grade of “U.”

Colloquium Presentations:  
Colloquium presentations may be arranged with faculty and students. Arrangements should be made as early as possible, but the deadline is noon on Tuesday for the following Friday. Contact Dr. Petosa at petosa.1 to schedule a colloquium presentation. If you organize a colloquium, you become the “host” and responsible for the presentation. The schedule for colloquium will be posted on Carmen for this class.

Types of presentation:  
1. Graduate student research proposals are required to be presented in colloquium if they occur during the academic year;
2. Presentations of student research results (thesis, dissertation, projects);
3. Visiting scholars, invited faculty from across campus, or visiting/invited alumni;
4. Research presentations for conferences;
5. Presentations of funded grants; and
6. Special projects faculty or graduate students are involved in

Example Topic list for HES Colloquium
1. Nature and amount of Physical Activity to Promote Fitness.

2. Nature and amount of Physical Activity to reduce risk of Chronic Disease.

3. Nature and amount of Physical Activity need for weight maintenance across the lifespan.

4. Effectiveness of Interventions to Promote Physical Activity Adherence among adults at the workplace.

5. Effectiveness of Interventions to Promote Physical Activity Adherence among Obese adults.

6. Use of Rebreathing apparatus to simulate high altitude training conditions.

7. Evidence to support use of Ergogenic aids to enhance exercise performance.

8. Assessment of Sedentary, Physical Activity and Exercise Behaviors in Free living populations.

9. Regular Exercise as a treatment for Depression.

10. Operational definitions of Exercise, Physical Activity and Sedentary Behavior.

11. Use of technology to assess physical activity in free living environments.

12. Use of exercise to mitigate effects of chemotherapy in cancer patients.

13. Environmental Interventions to promote physical activity: a meta analysis.


References


Erickson, K. I., & Kramer, A. F. (2009). Aerobic exercise effects on cognitive and neural plasticity in


