University of Wisconsin-Whitewater

Curriculum Proposal Form #4R

# **Change in or Deletion of an Existing Course**

Type of Action (check all that apply)

 [x]  Pre-requisite Change

[ ]  Add Cross-listing \* [ ]  Technological Literacy

[ ]  Course Deletion [ ]  Title Change
[ ]  Number Change [ ]  Writing Requirement

[ ]  (other)

**Effective Term**:

**Current Course Number** (*subject area and 3-digit course number)*: PHYSCS 489
**Cross-listing *(if applicable)***:

**New Course Number** (*subject area and 3-digit course number*):

**Cross-listing *(if applicable)***:

**\*If adding a cross-listing, include the following:**

Required in the major:

Required in the minor:

Number of credits: Lab hours/week:

Contact hours/week: Repeatable

**Current Course Title**: Physics Senior Seminar

**New Course Title**:

**25-Character Abbreviation** *(if new title)*:

**Sponsor(s)**: Juliana Constantinescu

**Department(s):** Physics

**College(s):**

**List all programs that are affected by this change:**

If programs are listed above, will this change affect the Catalog and Advising Reports for those programs? If so, have Form 2's been submitted for each of those programs?

(Form 2 is necessary to provide updates to the Catalog and Advising Reports)

[x]  NA [ ]  Yes [ ]  They will be submitted in the future

Proposal Information: ([***Procedures for form #4R***](http://acadaff.uww.edu/UCC/Curriculum_Handbook_09/Procedures_form4R.docx))

1. **Detailed explanation of changes** (use FROM/TO format)

***FROM:*** The course will train students in making scientific presentations, summarize the concepts and methods taught in the physics major curriculum, and prepare them for the Physics Major Field Test as the final exam in the course. Students will become familiar with physics literature and learn to write abstracts and project proposals. They will demonstrate proper methods of verbal and visual presentation by delivering a graded series of talks, concluding with a satisfactory colloquium on a physics topic. Two one-hour sessions a week.

 Prereq: Students must possess senior-level standing in the major to receive credit for participation. Students with less than senior standing are encouraged to attend in preparation for full participation when they become seniors.

***TO:***The course will train students in making scientific presentations, summarize the concepts and methods taught in the physics major curriculum, and prepare them for the Physics Major Field Test as the final exam in the course. Students will become familiar with physics literature and learn to write abstracts and project proposals. They will demonstrate proper methods of verbal and visual presentation by delivering a graded series of talks, concluding with a satisfactory colloquium on a physics topic.

Prereq: PHYSCS 305 and PHYSCS 344 or consent of department

II. Justification for action

 If students have taken Physics305 and 344, they have the background to understand

 the material and make good use of this capstone course.