

# PHYS 290: GRADUATE COLLOQUIUM

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## In Workflow

1. PHYS Committee Chair (mikkel.jensen@csus.edu)
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9. Catalog Editor (catalog@csus.edu)
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11. PeopleSoft (PeopleSoft@csus.edu)

## Approval Path

1. Fri, 13 Sep 2024 20:27:01 GMT  
Mikkel Jensen (mikkel.jensen): Approved for PHYS Committee Chair
2. Fri, 13 Sep 2024 20:27:16 GMT  
William DeGraffenreid (degraff): Approved for PHYS Chair
3. Wed, 16 Oct 2024 22:35:03 GMT  
Mikkel Jensen (mikkel.jensen): Approved for NSM College Committee Chair
4. Mon, 21 Oct 2024 20:34:56 GMT  
Chris Taylor (ctaylor): Approved for NSM Dean

## New Course Proposal

Date Submitted: Wed, 11 Sep 2024 16:27:43 GMT

**Viewing: PHYS 290 : Graduate Colloquium**

**Last edit: Wed, 11 Sep 2024 16:27:42 GMT**

Changes proposed by: Rodolfo Barniol Duran (219696192)

### Contact(s):

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### Catalog Title:

Graduate Colloquium

### Class Schedule Title:

Graduate Colloquium

### Academic Group: (College)

NSM - Natural Sciences & Mathematics

### Academic Organization: (Department)

Physics and Astronomy

### Will this course be offered through the College of Continuing Education (CCE)?

No

### Catalog Year Effective:

Fall 2025 (2025/2026 Catalog)

**Subject Area: (prefix)**

PHYS - Physics

**Catalog Number: (course number)**

290

**Course ID: (For administrative use only.)**

TBD

**Units:**

1.0

**Is the ONLY purpose of this change to update the term typically offered or the enforcement of existing requisites at registration?**

No

**In what term(s) will this course typically be offered?**

Fall, Spring

**Does this course require a room for its final exam?**

No, final exam does not require a room

**Does this course replace an existing experimental course?**

No

**This course complies with the credit hour policy:**

Yes

**Justification for course proposal:**

Physics 290 is one of the core courses being proposed as part of a new Master of Science in Physics. This course is built on the Physics and Astronomy weekly colloquium seminar series from a diversity of local and international speakers. Graduate students are required to earn 1 unit of credit. The MS program is designed to allow flexibility for students to prepare for PhD programs or to prepare for a career in teaching, industry, or government. Examples from these different career paths are represented in the seminar series.

**Course Description: (Not to exceed 90 words and language should conform to catalog copy.)**

Special lecture seminar on announced topics by a diversity of local and international speakers, emphasizing current research developments, with reading and participation assignments. May be repeated for a total of 4 units. Credit/No Credit

**Are one or more field trips required with this course?**

No

**Fee Course?**

No

**Is this course designated as Service Learning?**

No

**Is this course designated as Curricular Community Engaged Learning?**

No

**Does this course require safety training?**

No

**Does this course require personal protective equipment (PPE)?**

No

**Does this course have prerequisites?**

No

**Does this course have corequisites?**

No

**Graded:**

Credit / No Credit

**Approval required for enrollment?**

No Approval Required

**Course Component(s) and Classification(s):**

Seminar

**Seminar Classification**

CS#05 - Seminar (K-factor=1 WTU per unit)

**Seminar Units**

1

**Is this a paired course?**

No

**Is this course crosslisted?**

No

**Can this course be repeated for credit?**

Yes

**How many times can the course be taken (including first time passed)?**

4

**Total credits allowed (including first time passed)**

4

**Can the course be taken for credit more than once during the same term?**

No

**Description of the Expected Learning Outcomes and Assessment Strategies:**

List the Expected Learning Outcomes and their accompanying Assessment Strategies (e.g., portfolios, examinations, performances, pre-and post-tests, conferences with students, student papers). Click the plus sign to add a new row.

	Expected Learning Outcome	Assessment Strategies
1	Evaluate the effectiveness of physics and astronomy presentations given by experienced professionals.	Participation and colloquium summaries.
2	Explain the global and cultural significance of the physics and astronomy research topics presented.	Literature reviews, participation and colloquium summaries.

**Attach a list of the required/recommended course readings and activities:**

PHYS 290 GraduateColloquium.docx

**For whom is this course being developed?**

Majors in the Dept

**Is this course required in a degree program (major, minor, graduate degree, certificate?)**

Yes

**Has a corresponding Program Change been submitted to Workflow?**

No

**Identify the program(s) in which this course is required:****Programs:**

MS in Physics

**Does the proposed change or addition cause a significant increase in the use of College or University resources (lab room, computer)?**

No

**Will there be any departments affected by this proposed course?**

No

**I/we as the author(s) of this course proposal agree to provide a new or updated accessibility checklist to the Dean's office prior to the semester when this course is taught utilizing the changes proposed here.**

I/we agree

## **University Learning Goals**

### **Graduate (Masters) Learning Goals:**

Disciplinary knowledge  
Information literacy  
Professionalism  
Intercultural/Global perspectives

**Is this course required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?**

No

**Is this a Graduate Writing Intensive (GWI) course?**

No

Key: 14756