Course Change Request

Date Submitted: 01/30/23 1:43 pm

Viewing: PHYS 575 : Atmospheric Physics

Last approved: 05/12/22 5:19 am

Last edit: 02/07/23 9:29 am

Changes proposed by: ebarreto

Catalog Pages referencing this course

Department of Physics and Astronomy

Physics (PHYS)

Select modification type:

Substantial

In Workflow

1. **PHYS GR Committee**
2. **PHYS Chair**
3. **SC Curriculum Committee**
4. SC Associate Dean
5. Assoc Provost-Graduate
6. Registrar-Courses
7. Banner

Approval Path

1. 02/03/23 4:36 pm Ernest Barreto (ebarreto): Approved for PHYS GR Committee
2. 02/06/23 5:06 pm Paul So (paso): Approved for PHYS Chair

History

1. May 12, 2020 by jriemen
2. Nov 12, 2020 by jriemen
3. May 21, 2021 by Tory Sarro (vsarro)
4. May 12, 2022 by Ernest Barreto (ebarreto)

Are you completing this form on someone else's behalf?

No

Effective Term: Fall 2023

Subject Code: PHYS - Physics **Course Number:** 575

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Atmospheric Physics †

Banner Title: Atmospheric Physics †

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May only be taken once for credit (NR)
GRADUATE ONLY

Default Grade Mode: Graduate Regular

Recommended Prerequisite(s):
PHYS 305, PHYS 262, and PHYS 260, or the equivalent.

Recommended Corequisite(s):

Required Prerequisite(s) / Corequisite(s) (Updates only):

Registrar's Office Use Only - Required Prerequisite(s)/Corequisite(s):

And/Or	(	Course/Test Code	Min Grade/Score	Academic Level	)	Concurrency?

Registration Restrictions (Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Include

Limited to students with a class of Senior Plus (SCRRCLS_ONLY_SP)

Limited to students with a class of Non Degree (SCRRCLS_ONLY_ND)

Limited to students with a class of Advanced to Candidacy. (SCRRCLS_ONLY_DC)

Limited to students with a class of Graduate. (SCRRCLS_ONLY_GR)

Limited to students with a class of Junior Plus (SCRRCLS_ONLY_JP)

Level(s):

Include

Enrollment limited to students with a level of Non-Degree (SCRRLVL_ONLY_ND)

Limited to undergraduate level students. (SCRRLVL_ONLY_UG)

Limited to graduate level students only. (SCRRLVL_ONLY_GR)

Degree(s):

Exclude

Non-Degree Undergraduate Degree students may not enroll. (SCRRDEG_NO_NDU)

School(s):

Catalog Description:

Introduction to basic physical and chemical processes that operate in the Earth's atmosphere. Emphasis on those concepts that provide a global description of the current atmospheric state and those processes that relate to global change and atmospheric evolution. Topics include equilibrium structure, radiative transfer models, thermodynamics of various atmospheric layers, and the various processes defining these layers.

Justification:

What: The only change is to remove "I" from the title.

Why: We no longer have a part 2 of this course.

Does this course cover material which crosses into another department? No

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments

Key: 12585