

Course Change Request

Date Submitted: 04/18/19 10:50 am

Viewing: **PHYS 307 : Thermal Physics**

Transfer Course(s): PHYS L307

Last approved: 03/06/19 4:27 am

Last edit: 04/18/19 10:50 am

Changes proposed by: prubin

Catalog Pages referencing this course

- [Bioinformatics \(BINF\)](#)
- [Computational Science and Informatics \(CSI\)](#)
- [Department of Computational and Data Sciences](#)
- [Department of Physics and Astronomy](#)
- [Physics \(PHYS\)](#)

Select modification type:

Substantial

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

No

Effective Term: Spring 2020

Subject Code: PHYS - Physics

Course Number: 307

Bundled Courses:

Is this course replacing another course? No

Equivalent Courses:

Catalog Title: Thermal Physics

Banner Title: Thermal Physics

Will section titles vary by semester? No

Credits: 3

Schedule Type: Lecture

Hours of Lecture or Seminar per week: 3

Repeatable: May be only taken once for credit, limited to 3 attempts (N3)

Max Allowable Credits: 9

Default Grade Mode: Undergraduate Regular

Recommended Prerequisite(s):

Recommended Corequisite(s):

Required Prerequisite(s) / PHYS 260 or **PHYS 270**

In Workflow

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

Approval Path

1. 05/15/19 1:03 pm
Philip Rubin (prubin): Approved for PHYS UG Committee
2. 05/15/19 4:38 pm
Paul So (paso): Approved for PHYS Chair

History

1. Mar 6, 2019 by Philip Rubin (prubin)

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?
		PHYS 260	C	UG		

Registration
Restrictions
(Updates only):

Registrar's Office Use Only - Registration Restrictions:

Field(s) of Study:

Class(es):

Level(s):

Degree(s):

School(s):

Catalog Description: Classical concepts of energy and temperature, basic definitions, first and second laws of thermodynamics, properties of pure substances, and equations of state. Introduction to classical and quantum statistics and their application to physical systems.

Justification: PHYS 260 and 270 are equivalent

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

Learning Outcomes:

Attach Syllabus

Additional Attachments

Specialized Course Categories:

Additional Comments:

Reviewer Comments