

Date Submitted: 02/17/26 1:15 pm

Viewing: **ASPY : Minor in Astrophysics**

Last approved: 10/09/25 12:40 pm

Last edit: 02/17/26 1:15 pm

Changes proposed by: segre

Catalog Pages
Using this Program
[Minor in Astrophysics](#)

Program Status	Active			
Requestor	Name	Carlo Segre Bhoopesh Mishra	E-mail	segre@iit.edu bmishra3@iit.edu
Origination Date	2026-2-17 2025-3-10			
Is this an interdisciplinary program?	No			
Is this stem-eligible?	Yes			
Available for direct application?	Yes			
Academic Unit	Physics	College		
	Lewis College of Science and Letters			
Program Title	Minor in Astrophysics			
Effective Academic Year	2026 2025 - 2027	Effective Term	Fall 2026	
	2026			
Academic Level	Undergraduate			

If all courses in a subject in your department are required, please enter each subject followed by the number ranges in the "Quick Add" field in the pop up box when you click the green plus button below. For example: ARCH 100-499.

What courses will factor the major GPA?

Program Type Minor

Is there more than one Academic Unit proposer?

No

Program Code ASPY

Program Attribute

Total Program Credit Hours 15

Please provide a summary and rationale for the requested program revision. [02/17/2026 -- Add PHYS 425 in the Current Astrophysics elective courses](#)

[10/09/2025 -- Current Astrophysics](#) Minor typically enrolls a few students each year, mainly drawing from students [in](#) engineering majors. More students express interest in the minor, but do not pursue it because it is hard to fit all the required courses into their schedule and requires advanced planning. We propose to modify the requirements for the existing

In Workflow

1. PHYS Chair
2. Academic Affairs
3. Undergraduate Academic Affairs
4. LS Dean
5. Undergraduate Studies Committee Chair
6. Faculty Council Chair
7. Academic Affairs

Approval Path

1. 02/17/26 1:21 pm Pavel Snopok (psnopok): Approved for PHYS Chair
2. 02/19/26 9:46 am Ayesha Qamer (aqamer): Approved for Academic Affairs
3. 02/19/26 9:50 am Joseph Gorzkowski (jgorzkow): Approved for Undergraduate Academic Affairs
4. 02/27/26 2:18 pm Jennifer deWinter (jdwinter): Approved for LS Dean

History

1. Oct 26, 2017 by Sarah Pariseau (sparisea)
2. Oct 11, 2018 by Sarah Pariseau (sparisea)
3. Oct 12, 2018 by Sarah Pariseau (sparisea)
4. Oct 12, 2018 by Sarah Pariseau (sparisea)
5. Feb 4, 2019 by Sarah Pariseau (sparisea)
6. Mar 30, 2020 by Sally Laurent-Muehleisen (slaurent)
7. Oct 9, 2025 by Bhoopesh Mishra

Astrophysics Minor program to make it more flexible for students, while still guaranteeing a solid foundation in astrophysics.

(bmishra3)

Proposed Catalog Entry

Course Requirements

Required Courses

PHYS 223	General Physics III	3-4
or PHYS 224	General Physics III for Engineers	
PHYS 360	Introduction to Astrophysics	3
Pick 6-10 Credits from the following:		
PHYS 361	Observational Astrophysics ¹	4
PHYS 425	High Energy Astrophysics ¹	<u>3</u>
PHYS 460	Stellar Astrophysics ¹	3
PHYS 461	Extragalactic Astrophysics ¹	3
Pick 0-3 Credits from any PHYS 300 + level courses. Some options include the following:		
PHYS 300	Instrumentation Laboratory	4
PHYS 304	Thermodynamics and Statistical Physics	3
PHYS 404	Subatomic Physics	3
PHYS 485	Physics Colloquium ²	1
PHYS 427	Advanced Physics Laboratory I	3
PHYS 491	Undergraduate Research	1-6

¹ [PHYS 361](#), [PHYS 425](#), [PHYS 460](#), and [PHYS 461](#) are offered in a four-semester rotation.

² Students may take Phys 485 more than once to meet the credit hour requirement

Sample

Curriculum/Program
Requirements

Examples of sample curriculum

Example 1: Phys 223 (4 credits), Phys 360 (3 credits), Phys 361 (4 credits), Phys 460 (3 credits), Phys 491 (1 credit) for a total of 15 credit hours

Example 2: Phys 224 (3 credits), Phys 360 (3 credits), Phys 460 (3 credits), Phys 461 (3 credits), Phys 304 (3 credits) for a total of 15 credit hours

Example 3: Phys 224 (3 credits), Phys 360 (3 credits), Phys 361 (4 credits), Phys 461 (3 credits), 2 semesters of Phys 485 (1 credit per semester) for a total of 15 credit hours

Report to Faculty
Council

Reviewer
Comments

Key: 273