

# PHYS 521. ASTROPHYSICS.

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Credits: 3

Offered by: Physics (Faculty of Science)

Terms offered: Fall 2025

[View offerings for Fall 2025 in Visual Schedule Builder.](#)

## Description

An advanced course in modern astrophysics, covering topics such as the basic tools of astronomy (statistics, mathematical methods, computational tools, and instrumentation); stellar astrophysics (properties, structure, atmospheres, binaries/exoplanets); the interstellar medium, star formation, stellar evolution and endpoints (white dwarfs, neutron stars, black holes); and the Milky Way, galaxies, and cosmology.

- Fall
- 3 hours
- Restriction: U3 students and graduate students, or permission of the instructor

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

[Launch Visual Schedule Builder](#)