

# Astronomy

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**Ast 111. Life in the Universe.** An introduction to physical conditions and dynamics in the known universe as they permit or preclude life, examining the compatibility of presently accepted cosmology and cosmogony with the dynamics and time scales of evolutionary change in living systems viewed as quantitatively circumscribable processes.

**Ast 165. Stars and the Universe.** An in-depth introduction to the physical processes occurring in and causing the dynamical evolution of stars, to the dynamics of galaxies, and to physical processes and the evolution of a variety of cosmological models of the universe. Laboratory work emphasizes hands-on experiences including data collection and manipulation. Partially satisfies Natural World LADR.

**Ast 166. The Solar System.** Explores current understanding of the solar system from its formation to possible final states. Study of the planetary system and the sky both as a system offering humans objective truths and as a battleground of competing human conceptions of the system of the world. Partially satisfies Natural World LADR.

**Ast 237. Intermediate Astronomy.** Equilibrium structure of stars; dynamics and evolution of galaxies; origin, structure, and dynamics of the universe.