

# AST 3141: Galactic Astronomy

The nature, distribution, and motions of the constituents of the Galaxy; the major star system in which our Sun is located the stars, the gas and dust, star clusters, etc.; stellar distance determination, distribution of stars and gas, stellar kinematics, galactic dynamics, galactic radio emission, cosmic rays, and evolution of galaxies. Prerequisite: one year of mathematics or physics and either AST 2120 or AST 2122.

**Credits:** 3.0

**Program:** Astrophysics and Planetary Science