

**PHYSICS 200**  
**UNDERSTANDING THE UNIVERSE**  
**(3.0; 3 credits)**

**Textbook:** Universe  
By: Kaufmann & Freedman  
Fifth Edition  
Freeman and Company 1999

**Contents:**

1. Astronomy and the Universe.
2. Eclipses and Motion of the Moon.
3. Gravitation and the Motion of the planets.
4. Nature of light and Matter.
5. Telescopes.
6. Solar system
7. The Earth
8. The sun
9. Nature of stars
10. Stellar Birth and Evolution
11. Endstages of stars: White Dwarf, Neutron stars and Black Holes
12. The Milky Way Galaxy
13. Extraterrestrial Life

**N.B. For non science majors only.**

Fall 2000