

BMD 330 and 334: Human Physiology
Chapter 12 Objectives

The Nervous System: Autonomic and Motor Systems

1. Compare the anatomy of the two branches of the autonomic nervous system.
2. Describe the chemical messengers and receptor types associated with the autonomic nervous system.
3. Explain the basic function of the two branches of the autonomic nervous system and the concept of dual innervation.
4. Describe how the central nervous system regulates or controls the autonomic branch of the peripheral nervous system.
5. Describe the anatomy and chemical messenger of the somatic nervous system. Compare to the autonomic nervous system.