

**BIOL 1120: General Biology II**  
**Outline for Test 1 (Animal Kingdom)**

Topics Covered:

1. characteristics of the animal kingdom
2. types of body symmetry in animals (asymmetry, radial, bilateral)
3. various animal body positions (dorsal, ventral, anterior, posterior, lateral, medial)
4. 3 embryonic tissue layers (germ layers-ectoderm, endoderm, mesoderm)
5. types of body cavities within animals (acoelomate, pseudocoelomate, coelomate)
6. characteristics and examples of each animal phylum studied (Porifera, Cnidaria, Platyhelminthes, Nematoda, Annelida, Mollusca, Arthropoda, Echinodermata, Chordata)-know habitat, locomotion, body symmetry, number of tissue layers, type of body cavity, number of body openings, body systems present, special features
7. characteristics and examples of the arthropod classes-know habitat, body sections, antennae, mouthparts, number of legs, gas exchange, special features
8. characteristics and examples of the seven classes of vertebrates (Agnatha, Chondrichthyes, Osteichthyes, Amphibia, Reptilia, Aves, Mammalia)-know habitat, integument, temperature control, limb structure, gas exchange, reproduction, special features
9. animal terminology