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**COURSE DESCRIPTION**

An overview of animal physiology, examined at the molecular, cellular, organ, organ system and whole organism level.

**OUTLINE OF TOPICS**

- Introduction to Physiology
- Endocrine and cell signalling systems
- Neurobiology and sensory systems
- Muscle physiology
- Cardiovascular physiology
- Respiratory physiology
- Ion and water balance
- Digestion
- Locomotion
- Thermal physiology

**REQUIRED TEXTBOOK(S)**

Principles of Animal Physiology.  
Christopher D. Moyes and Patricia M. Schulte.  
2nd Edition.

**MARK DISTRIBUTION**

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1 Prerequisite Minimum Grade Requirement: Unless stated, a grade of C- or better is required on all Prerequisite BISC & MBB courses.