BIOLOGICAL SCIENCES 305
ANIMAL PHYSIOLOGY
96-2

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Prerequisite: BISC 201

Course outline

1. Membranes, transport, neural communication.
2. Chemical messengers and endocrinology.
3. Receptor cells and sensory systems.

Midterm (probably sometime in week 7)

7. Osmoregulation and excretion.
8. Energetics and thermoregulation.

This course will attempt to deal with different physiological systems at various levels from molecular and biochemical to environmental and ecological; where possible whole-animal examples will be used to illustrate the importance of physiological systems! There will be eight 4-hour labs and you will be assessed on these by lab reports and hand-in assignments during the semester.

Mark Distribution Mark determined from combination of lab hand-ins/reports, 1 midterm and final exam

Required text:

To be announced. Please check http://www.sfu.ca/~kdelaney

Additional texts (these will be on Reserve in the library):

