BIOL 445

Term:  SPRING 2016  
Course No. & Section:  BIOL 445-01

Course Title:  ENDOCRINOLOGY

Professor:  DR. JOHN WAGGONER

Course Description:

Objectives:
- Student understanding of the mammalian hormones, their nature, synthesis, transport, mechanisms of actions, and control
- Emphasis on human endocrine function

Content:
Examination of all major endocrine systems, including the hypothalamo-pituitary axis, thyroid, adrenal cortex, adrenal medulla, reproductive tissues, and the other hormones controlling digestive function, mineral, growth and energy metabolism.

Prerequisites/Recommended Background:
BIOL 202
CHEM 220
(CHEM 222 is recommended)

Required Texts/References:

Course Work/Expectations:
3 lectures per week, no laboratory
4 midterm examinations plus final (drop lowest midterm)
All exams will be cumulative, i.e. include earlier material
Mastery of lecture and textbook material is expected

Comments: