BIOL530-J Histology: Essential Course Information
Sections: H10, J01, J02, J04, J05, J06, J07, J08, J10, J50

Course Description: This human histology course that will guide the student through learning the microscopic architecture and function of the cells, tissues and organs that make up the human body. All lectures, labs, quizzes and exams are on-line. There are no face-to-face meetings. There are 32 lectures, 18 labs, 5 module quizzes, a cumulative midterm and a final comprehensive exam. This 4 credit hour course will require a minimum of 12 hours of focused time each week (summer course is more intense so as much as 20 hours per week may be required to keep up with the course work). All of the course content is organized and delivered in five modules (6 -10 days duration summer semester, 2 – 3 weeks fall / spring semesters). The course is both synchronous (5 graded module quizzes) and asynchronous (freedom as to when lecture viewing and lab assignments are completed within each module period). Follow this link to watch a 6 minute video that will illustrate and explain the essence of this course (https://breeze.sc.edu/p7roeei321c/).

Technology requirements

- Intel-based minimum dual core (ideal 4 core) PC (Windows 7 or later, 32 bit, 64 bit) or Mac Computer (Mac OSX 10.6 or later), not a mini, netbook, mobile phone, Ipad or tablet (exception – Microsoft Surface 3 Tablet is okay).
  - 4GB RAM minimum and 500 Mb of free hard disc space
- Up-to-date versions of Adobe Flash and Java installed on your computer
- Internet connection using DSL or Cable with minimum 5 Mbs download and 1 Mbps upload
  - Test your speed at: both https://fast.com & http://www.speedtest.net/
- Up to date versions of Mozilla Firefox, Internet Explorer, Google Chrome and Safari (Necessary due to constant changing of java security by browsers).
- Setting up access to two virtual microscopy programs
  - WebMic, an Internet accessible program containing the lab specimens will require set up in Java to allow exception for the WebMic web site to be loaded.
  - Biolucida Viewer, a light weight client side viewer for virtual slides, will need to be installed and set up to view supplemental lab specimens and to access specimens during exams.

Grade Determination: Grades are based on a syllabus quiz, 5 module quizzes, 5 graded practice quizzes, a cumulative midterm and comprehensive final examination. Honors College and Graduate Students enrolled in the course are required to submit a special requirement of either lab work or a paper. Final grades are determined by the percent of points earned; A (89.5-100), B+ (84.5 – 89.4), B (79.5 – 84.4), C+ (74.5 – 79.4), C (69.5 – 74.4), D (59.5 – 69.4), F (<59.4).

The required text is “Histology Laboratory Exercises: A Guide for Study of WebMic Specimens” by Robert W. Ogilvie, Medical University of South Carolina Press, 2016, 7th Edition. The text may purchase it online at www.shopgamecocks.com or in person at the USC Columbia Campus Russell House Bookstore, Greene Street, Columbia, SC, (803) 777-4160. In the Charleston area, it may be purchased at Matthews (MUSC) Medical Bookstore, 158 Ashley Avenue by phone, 843-792-1900, or by emailing Jodi Waddell, the manager at bookstor@musc.edu.

Students who register to take this course agree to:
- meet the technology requirements.
- develop early in the semester a plan for consistent and regular study.