

BIOL 4400 Vertebrate Histology

Biology Department, College of Arts and Sciences, Valdosta State University

Fall Semester, 2020

CRN 84420 Section A (4 credit hours) (i4, W* nBe .P <<MCID 3-BDC q0.00000912 0 612 792 reW* nBTf1 9.96 Tf1 0 0 1 89.304 669.9

The final grade will be a combination of your exam scores, final exam score, and the three projects discussed below:

| | |
|--------------------------|----------------------------------|
| Exam 1, 2, 3 and 4 | 200 pts. each (each worth equal) |
| Laboratory Portfolio | 300 pts. |
| Pathology Powerpoint | 50-100 pts. |
| Comprehensive Final Exam | 300 pts. |
| Total | 1450-1500 pts. |

Grade Scale: 90-100 = A, 80-89 = B, 70-

Face Coverings: As the Blazer Creed articulates, members of the VSU community are expected to live by the high standards of civility, integrity, and citizenship and embrace their responsibility as a member of the Blazer community. In recognition of this responsibility, and in response to the best available science and current guidance from the Centers for Disease Control and Prevention and the Georgia Department of Public Health, every student must wear a face covering that covers their nose and mouth at all times while in any campus building, including in this classroom. This requirement is intended to protect the health and safety of all VSU students, the instructor, and the entire university community. Anyone attending class without a face covering will be asked to put one on or leave. Students should also be sure they maintain a distance of at least six feet away from their fellow students and instructor and are seated in a seat that is designated to ensure that distance. Students who refuse to wear face coverings appropriately or adhere to other stated requirements may face disciplinary action for Code of Conduct violations.

Virtual Proctored Exams:

USING LOCKDOWN BROWSER AND A WEBCAM FOR ONLINE EXAMS

This course requires the use of LockDown Browser and a webcam for online exams. The webcam can be built into your computer or can be the type that plugs in with a USB cable. Watch this short video (<http://www.respondus.com/products/lockdown-browser/student-movie.shtml>) to get a basic understanding of LockDown Browser and the webcam feature. A student Quick Start Guide (<http://www.respondus.com/products/monitor/guides.shtml>) is also available.

Course Outcomes:

Course:

By the end of BIOL 4400, students who successfully complete the course should have:

1. Gained factual knowledge, to include anatomy/histology terminology, methods, and principles, about Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
2. Learned fundamental principles, generalizations, or theories of Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
3. Learned to apply course material (to improve thinking, problem-solving, and decisions) in Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
4. Developed specific skills, competencies and points of view needed by professional in the fields most closely related to Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)
5. Acquired an interest in learning more by asking questions and seeking answers about Vertebrate Histology. (DO – 2,3,5; VSUGEO – 5)

Department:

1. Develop and test hypotheses, collect and analyze data, and present the results and conclusions in both written and oral formats used in peer-reviewed journals and at scientific meetings.
2. Describe the evolutionary processes responsible for biological diversity, explain the phylogenetic relationships among the major taxa of life, and provide illustrative examples.
- 3.

3. Students will use computer and information technology when appropriate. They will demonstrate knowledge of computer concepts and terminology. They will possess basic working knowledge of a computer operating system. They will be able to use at least two software tools, such as word processors, spreadsheets, database management systems, or statistical packages. They will be able to find information using computer searching tools.
4. Students will express themselves clearly, logically, and precisely in writing and in speaking, and they will demonstrate competence in reading and listening. They will display the ability to write coherently in standard English; to speak well; to read, to understand, and to interpret the content of written materials in various disciplines; and to listen effectively and to understand different modes of communication.
5. Students will demonstrate knowledge of scientific and mathematical principles and proficiency in laboratory practices. They will understand the basic concepts and principles underlying scientific

BIOL 4400 Tentative Lecture Schedule FALL 2018

This is the order which we will go through topics:

