



LECTURE/LAB SYLLABUS

Spring Semester 2019

READ THIS SCHEDULE AND KEEP IT; YOU ARE RESPONSIBLE FOR THE DATES, TIMES AND PLACES.

Lecture: M, W, H 2:00 to 3:30 AM, Room 130 James Talmadge Building (JTB)
Professor: Mark Nielsen
Telephone: (801) 581-3233
E-mail: marknielsen@bioscience.utah.edu
Website: courses.biology.utah.edu/nielsen
Office Hours: Monday through Thursday 9:30 – 10:30 AM or by appointment at my office, Room 122 Building 044
TAs: Sydney Friesen, Brett Engar, Ashley Ikegami, Artemis Sefandonakis

DATE	SUBJECT
M January 7 W January 9 H January 10	Introduction to Course; Development of the Vertebrate Body Plan Development and Structural Patterns and Related Anatomy Structural Patterns and Related Anatomy
M January 14 W January 16 H January 17 F January 18	Muscles of the Back and Head Skull Osteology Lab: Muscles - Epaxial, Hypaxial Trunk, Limb, Head (LAST DAY TO ADD CLASSES, DROP CLASSES, AND ELECT CREDIT/NO CREDIT)
M January 21 W January 23 H January 24	MARTIN LUTHER KING DAY - NO LECTURE Ligaments of the Vertebral Axis; Meninges and Cerebrospinal Fluid Lab: Skull, Ligaments, Meninges, Brain, and Spinal Cord
M January 28 W January 30 H January 31	Anatomy of the Spinal Nerve; Anatomy of the Dorsal Rami Anatomy of the Autonomic Nerves Lab and Discussion: Spinal Nerves/Dorsal Rami/Autonomic Nerves/Problem Set 1
M February 4 W February 6 H February 7	Anatomy of Autonomic Nerves (cont.); Anatomy of the Mediastinum Cervical Plexus Lab and Discussion: Cervical Plexus/Skull Practical Exam/Problem Set 2
M February 11 W February 13 H February 14	Brachial Plexus: Drawing, Distribution, and Relationships to Limb Anatomy Intercostal Nerves Lab and Discussion: Brachial Plexus/Problem Set 3
M February 18 W February 20 H February 21	PRESIDENTS DAY - NO LECTURE FIRST MIDTERM EXAMINATION IN JTB 130 Lumbar Plexus; Lower Abdominal Body Wall Anatomy
M February 25 W February 27 H February 28	Sacral Plexus; Exams Returned and Discussed Lumbosacral Distribution in the Limb Lab and Discussion: Lumbosacral Plexus/Problem Set 4
M March 4 W March 6 H March 7 F March 8	Vascular Supply to the Head and Neck - Arteries Vascular drainage from the Head and Neck - Veins Lab and Discussion: Head Arteries/Midterm Pract Exam/Problem Set 5 (LAST DAY TO WITHDRAW FROM CLASSES)

M March 11	SPRING BREAK - NO LECTURE
W March 13	SPRING BREAK - NO LECTURE
H March 14	SPRING BREAK - NO LAB
M March 18	Introduction to Cranial Nerves; Brain Stem Anatomy
W March 20	Special Sensory Cranial Nerves
H March 21	Somitic Cranial Nerves
M March 25	Branchial Arch Nerves; Trigeminal Nerve
W March 27	Trigeminal Nerve (cont.)
H March 28	Lab and Discussion: Sens & Somit Cran Nerves/Head Veins/Problem Set 6
M April 1	Facial Nerve
W April 3	Facial Nerve; Regional Anatomy of the Head
H April 4	Lab and Discussion: Cranial Nerves V and VII/Problem Set 7
M April 8	Cranial Nerves IX, X, XI
W April 10	SECOND MIDTERM EXAMINATION IN JTB 130
H April 11	Cranial Nerve Topography - The Cranial Plexus
M April 15	Central Connections - Introduction; Exams Returned and Discussed
W April 17	Central Connections - Sensory Pathways
H April 18	Lab and Discussion: Cranial Nerves IX, X, XI/Review/Problem Set 8
F April 19	LAST DAY TO REVERSE CREDIT/NO CREDIT OPTION
M April 22	Central Connections - Motor Pathways; Central Connections and Somatotopy
W April 24	Reading Day
H April 25	FINAL PRACTICAL EXAMINATION
W May 1	FINAL COMPREHENSIVE EXAMINATION 1:00 PM IN JTB 130
M May 6	Pick up final exams and obtain course grade at the anatomy lab from 4:30 - 6:00 PM