

## Schedule of Topics for Biol. 387

Instructor: [Robert J. Schmitz](#)

[Biol. 387 Home](#) | [Biol. 387 Course Policies](#)

This list of topics is meant to be a guide to the subjects that will be studied in the course. As the course progresses this list will vary slightly depending on the needs of the students enrolled. Relevant readings and figures can be found in the chapters of the text listed in the third column of the table.

week of semester	Topics	Marieb, Wilhelms, & Mallatt Human Anatomy 6th ed.
WK 1	<b>Course prep assignment: An Orientation to the Human body</b> Lecture: Terminology and Joint Movement, Basic Human Embryology Lab: Axial and Appendicular Skeleton	Chapter 1 Chapter 3 Chapter 9
WK 2	Lecture: Connective tissues, Bones, and Skeletal Tissues Lab: Appendicular Skeleton and Joints	Chapter 4, 6 Chapters 7, 8, 9
WK 3	Lecture: Principles of Muscle Architecture Muscle organization in the upper & lower limbs Lab: Muscles of the Upper Limb & the Lower Limb	Chapter 10 Chapter 11
WK 4	Lecture: Arteries and Nerves of the Upper & Lower Limb Lab: Continue Upper and Lower limbs: Muscles, Arteries, Nerves	Chapter 20 Chapters 12, 14
WK 5	Lecture: Review of Upper and Lower Limbs Epithelia, Integument and general sensory receptors Lab : Review for Exam One	Chapters 5, 14
WK 6	Lecture: Design of the Lower Gastrointestinal Tract The Feeding Mechanism and Swallowing Lab: The Abdominal Cavity and its contents <b>Exam One:</b>	Chapter 23 Chapter 11
WK 7	Lecture: The Respiratory System, Organization of the Thorax Lab: Feeding Mechanisms, Respiratory System	Chapter 22 Chapters 22, 23, 7, 11
WK 8	Lecture: Urinary System, Design of the Vascular System, Lab: Heart & Vascular System of Trunk and Head	Chapter 24 Chapters 19, 20
WK 9	Lecture: Artery and Vein Distribution Lab: Artery and Vein distribution	Chapter 20
WK 10	Lecture: Lymphatic System, Fetal Circulation Lab: Review for Exam Two	Chapter 20, 21

WK 11	Lecture: A.The Perineum, Male and Female Reproductive System B. The Cranial Cavity, Principles of the Nervous System Lab: Brain & Cranium, & Male Reproductive system <b>Exam Two:</b>	Chapters 25 Chapters 7, 13
WK 12	Lecture: Central Nervous System - Brain, The Cerebrum Lab: Brain Structure, & Female Reproductive system	Chapters 13, 25
WK 13	Lecture: Central Nervous System- Spinal Cord, Cranial Nerves I Lab: Cranial Nerves and Spinal Cord	Chapters 13, 14
WK 14	Lecture: Cranial Nerves II, Autonomic Nervous system Lab: Brain Structure, Spinal cord, Eye, Ear	Chapters 13,14, 15, 16
WK 15	Lecture: Sympathetic Nervous System, Special Senses, Eye, Ear Lab: Review for Exam Three (The Final Exam)	Chapters 13,14, 15, 16
Finals WK	<b>Exam Three:</b> Scheduled during finals week See Timetable for date and time	

When this course is taught during Summer Session, it usually last for six weeks. The above schedule applies using the scale of 5 semester weeks equals two summer session weeks.

[Dr. Robert J. Schmitz](mailto:rschmitz@uwsp.edu)

ph. 715-346-2420

email: [rschmitz@uwsp.edu](mailto:rschmitz@uwsp.edu)

Room: 380 TNR Building

Department of Biology, UWSP

Stevens Point, WI 54481