BIOH - Biology-Human

BIOH 201. Human Anatomy and Physiology I. 5 Credits. (3 Lec, 2 Lab) F,S,Su
PREREQUISITE: CHMY 121IN, CHMY 141, or CHMY 151, with a grade of "C-" or better; priority given to majors requiring this course. General principles of cell and tissue biology that apply to all living systems. Structure and function of skeletal, muscular, nervous, and endocrine systems. Homeostasis, control, and integration of the human body will be emphasized. Laboratory will cover related systems. This course is not repeatable without prior consent of instructor.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10568 003 Non-standard term dates 13- MAY-19 28- JUN-19 MTWR Ljh240 12:00pm - 1:50pm
2019 Summer 10509 001 Non-standard term dates 13- MAY-19 28- JUN-19 MTWR gaines043 2:00pm - 4:00pm
2019 Summer 10503 002 Non-standard term dates 13- MAY-19 28- JUN-19 MTWR Ljh240 10:00am - 11:50am

BIOH 305. Human Skeletal Biology. 3 Credits. (3 Lec) Su
PREREQUISITE: BIOH 185 or BIOH 201 or BIOB 260 or consent of instructor.
This course will offer students the opportunity to experience a comprehensive, investigative, and analytical study of the human skeleton. Topics will include histology, physiology, bone development, biomechanics, identification and interpretation of skeletal structures, and a study of pathology and trauma.

Term CRN Section Session/Dates Days Location Time
2019 Summer 11553 001 May-start: 4x4 - - -

BIOH 454. Microanatomy (Histology). 3 Credits. (2 Lec, 1 Lab) F. On Demand.
PREREQUISITE: BIOB 260, or consent of instructor. Covers an introductory microscopic study of mammalian cells, tissues and organs. Emphasizing normal structure and function relating to disease processes in specific organ systems. Class discussion will relate the normal microanatomy to human pathophysiology.

Term CRN Section Session/Dates Days Location Time
2019 Summer 11374 001 June-start: 4x4 MTWR Ljh223 8:00am - 9:40am
2019 Summer 11374 001 June-start: 4x4 MTWR Ljh223 10:00am - 11:40am

BIOH 464. Clinical Hematology and Body Fluids. 2 Credits. (1 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Topics include a review of normal hematopoiesis; red blood cell, white blood cell, and platelet disorders; body fluid overview; and an introduction to hematology instrumentation.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10471 001 Full Semester MTWF LIN233 8:00am - 12:00pm

BIOH 466. Clinical Microbiology I. 3 Credits. (2 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Topics include a review of medical microbiology, virology, mycology, parasitology, and clinical laboratory testing procedures.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10472 001 Full Semester MTWF LIN233 8:00am - 12:00pm
2019 Summer 10472 001 Full Semester MTWF LESW204 1:00pm - 5:00pm

BIOH 467. Clinical Chemistry I. 3 Credits. (2 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Topics include an introduction to theories and principles with emphasis on all body systems, and the role of instrumentation in the clinical chemistry laboratory.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10473 001 Full Semester MTWF LIN233 8:00am - 12:00pm
2019 Summer 10473 001 Full Semester MTWF LESW204 1:00pm - 5:00pm

BIOH 468. Clinical Immunohematology I. 3 Credits. (2 Lec, 1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Basic techniques in blood banking. Topics to be included are: ABO/Rh typing, antibody identification, transfusion therapy and reactions, donor collection and component preparation.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10470 001 Full Semester MTWF LIN233 8:00am - 12:00pm
2019 Summer 10470 001 Full Semester MTWF LESW204 1:00pm - 5:00pm

BIOH 469. Essentials of Clinical Lab Practice. 1 Credit. (1 Lab) Su
PREREQUISITE: Acceptance in professional training program. Provides an orientation to the program, safety information, phlebotomy training, and an overview of management practices. Also includes instruction in hemostasis, molecular diagnostics and urinalysis.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10540 001 Full Semester MTWF LIN233 8:00am - 12:00pm
2019 Summer 10540 001 Full Semester MTWF LESW204 1:00pm - 5:00pm

BIOH 470. Summer Clinical Laboratory. 12-13 Credits. Su
PREREQUISITE: To take this course, students must be accepted into a professional training program. This is a clinical laboratory science course, which will be conducted at affiliate training programs during the summer of a student's senior year. It includes student lecture and laboratory instruction in clinical immunohematology, clinical chemistry, phlebotomy, clinical hemostasis, clinical microbiology, clinical microscopy and urinalysis, clinical body fluids, transfusion techniques, and clinical microbiology.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10254 002 Full Semester - - -

BIOH 491. Special Topics, 1-4 Credits. (1-4 Lec, 12 cr max) On Demand
PREREQUISITE: BIOH 280. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand.

Term CRN Section Session/Dates Days Location Time
2019 Summer 11001 001 May-start: 4x4 - - -

BIOH 594. Seminar. 1 Credit. (1 Sem; 4 cr max) On Demand
PREREQUISITE: Graduate standing or seniors by petition and course prerequisites as determined for each offering. Topics offered at the graduate level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

Term CRN Section Session/Dates Days Location Time
2019 Summer 10705 001 Full Semester - - -

BIOH 595. Anatomy & Physiology for Tchrs. 3 Credits. (1 Lec. 1 Lab. 1 Rec) Su
PREREQUISITES: Teacher of science with a minimum of two years teaching experience. Must have solid background in life science. This course is designed for high-school and post-secondary instructors who are either currently teaching an anatomy and physiology course or are interested in developing one. The goal of the course is to help instructors develop an A&P curriculum that integrates Next Generation Science Standards. Participants from all A&P instructional backgrounds are welcome and should expect to work in a collaborative environment.

Term CRN Section Session/Dates Days Location Time
2019 Summer 11246 801 Intersession - - -
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.