

ANATOMY (ANATOMY)

ANATOMY 140.01A Regional Anatomy Dissection- Head and Neck (3 Units)

Offered In: Fall, Winter, Spring, Summer

Instructor(s): Brian Shearer

Prerequisite(s): 4th-year student in good academic standing.

Restrictions: Course intended for fourth-year medical students. Late 3rd-year students can also take the course.

Activities: Lecture, Lab science

This course provides a faculty-supervised space for advanced medical students to review anatomy, practice surgical skills, perform mock operations, and reinforce anatomical knowledge for board exams. Students will develop dissection plans with faculty, actively dissect, and present their projects to faculty and peers, highlighting clinical relevance and challenges. This course is not limited to those considering surgical specialties.

School: Medicine

Department: Anatomy

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

ANATOMY 140.01B Regional Anatomy Dissection - Musculoskeletal (3 Units)

Offered In: Fall, Winter, Spring, Summer

Instructor(s): Brian Shearer

Prerequisite(s): 4th year student in good academic standing.

Restrictions: Course intended for fourth-year medical students. Late 3rd year students can also take the course.

Activities: Lecture, Lab science

This course provides a faculty-supervised space for advanced medical students to review anatomy, practice surgical skills, perform mock operations, and reinforce anatomical knowledge for board exams. Students will develop dissection plans with faculty, actively dissect, and present their projects to faculty and peers, highlighting clinical relevance and challenges. This course is not limited to those considering surgical specialties.

School: Medicine

Department: Anatomy

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

ANATOMY 140.01C Regional Anatomy Dissection- Thorax, Abdomen, and Pelvis (3 Units)

Offered In: Fall, Winter, Spring, Summer

Instructor(s): Brian Shearer

Prerequisite(s): 4th year student in good academic standing.

Restrictions: Course intended for fourth-year medical students. Late 3rd year students can also take the course.

Activities: Lecture, Lab science

This course provides a faculty-supervised space for advanced medical students to review anatomy, practice surgical skills, perform mock operations, and reinforce anatomical knowledge for board exams. Students will develop dissection plans with faculty, actively dissect, and present their projects to faculty and peers, highlighting clinical relevance and challenges. This course is not limited to those considering surgical specialties.

School: Medicine

Department: Anatomy

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

ANATOMY 170.10 Introduction to 3D Printing for Health Science Students (1 Units)

Offered In: Fall, Winter, Spring

Instructor(s): Madeleine Norris

Prerequisite(s): N/A

Restrictions: Fall: 1st- & 2nd-Year Physical Therapy (DPT) Students; Winter: Dental (DDS) Students; Spring: Medical Students

Activities: Lecture, Project

This course will provide an introduction to 3D printing for health science students. This will include didactic knowledge on the types of printers, types of printing materials, and use cases in the health professions. This course will also provide content and application in extracting tissues from a DICOM file, cleaning the file, and exporting the file for 3D printing.

School: Medicine

Department: Anatomy

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? Yes

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

ANATOMY 170.11 Advanced Anatomy and Dissection Skills (1 Units)

Offered In: Summer

Instructor(s): Gregory Kincheloe

Prerequisite(s): None.

Restrictions: None.

This course will allow students to broaden their anatomy knowledge beyond what they have learned in their first year in addition to teaching dissection techniques such as tool usage, fascial planes, and identification of nerves. This course will allow students to dissect side-by-side with faculty in preparation for the Fall as well. Students will be assigned to specific domains, such as the musculoskeletal system, for lab activities.

School: Medicine

Department: Medicine

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? No

ANATOMY 171.10 Advanced 3D Printing for Health Science Students (0.5-1 Units)

Offered In: Fall, Winter, Spring, Summer

Instructor(s): Madeleine Norris

Prerequisite(s): Learners will need to have completed ANATOMY 170.10 or complete the training required by the instructor of record prior to beginning this elective.

Restrictions: N/A

Activities: Independent Study

This elective will apply the skills and knowledge acquired in the ANATOMY 170.10 3D Printing for Health Science Students elective. Students will be matched with a UCSF faculty or researcher and will produce a 3D printed project used for patient education, simulation, or research. Students will develop a project plan with the faculty, generate a 3D model from DICOM data, clean the file in 3D design software, 3D print the model, post-process, and assemble.

School: Medicine

Department: Anatomy

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? Yes

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes

Repeat course for credit? Yes

ANATOMY 198 Supervised Study (1-6 Units)

Offered In: Fall, Winter, Spring, Summer

Instructor(s): Madeleine Norris

Prerequisite(s): Consent of instructor.

Restrictions: None

Activities: Independent Study, Project

Library research and directed reading under supervision of a member of the faculty with the approval of the chairperson of the department.

School: Medicine

Department: Anatomy

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? Yes

Course Grading Convention: P/NP (Pass/Not Pass) or S/U (Satisfactory/Unsatisfactory)

Graduate Division course: No

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? No

Repeat course for credit? Yes

ANATOMY 207 Neuroscience (3 Units)

Offered In: Summer

Instructor(s): Jessica Bath

Prerequisite(s): Basic Human Anatomy and Physiology or consent of instructor.

Restrictions: DPT and PhD in Rehab Science students, or with the approval of the instructor.

Activities: Lecture, Seminar, Project, Lab science, Discussion

Provides knowledge about the anatomy and function of the human central and peripheral nervous systems with a strong emphasis on clinical relevance. General neuroanatomy topics include the gross and microscopic structure, embryology, and neurophysiology of the brain, spinal cord and nerves with descriptions of alterations in normal anatomy through disease and injury. Supplemented with lab demonstrations.

School: Graduate Division

Department: Physical Therapy Program

May the student choose the instructor for this course? No

Does enrollment in this course require instructor approval? No

Course Grading Convention: Letter Grade

Graduate Division course: Yes

Is this a web-based online course? No

Is this an Interprofessional Education (IPE) course? No

May students in the Graduate Division (i.e. pursuing Master or PhD) enroll in this course? Yes

Repeat course for credit? No