ANATOMY 140.01 Regional Anatomy Dissection (1.5-4 Units) Winter, Spring
Instructor(s): Derek J Harmon
Prerequisite(s): Completion of the Foundations 1 curriculum.
Restrictions: Course intended for late third-year and fourth-year medical students
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

In-depth region based anatomy dissection and didactic course for fourth year medical students. Students choose the regional focus that aligns with their future residency. In addition to dissection, there will be daily student led didactic sessions, relevant case discussions based on the topic of the day, and quizzes to assess student retention. The didactic sessions, case discussions and quizzes will all be conducted with at least one anatomy faculty member present.

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? Yes

ANATOMY 170.10 Introduction to 3D Printing for Health Science Students (1 Units) Fall, Winter, Spring
Instructor(s): Derek J Harmon
Prerequisite(s): N/A
Restrictions: Fall: 1st & 2nd Year Physical Therapy DPT Students Winter: Dental (DDS) Students Spring: Medical Students
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion

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
ANATOMY 171.10  Advanced 3D Printing for Health Science Students  (0.5-1 Units) Fall, Winter, Spring, Summer
Instructor(s): Derek J Harmon
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: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects, Lab skills, Lab science, Conference, Discussion
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) Fall, Winter, Spring, Summer
Instructor(s): Derek J Harmon
Prerequisite(s): Consent of instructor.
Restrictions: None
Activities: Lecture, Seminar, Clinical, Fieldwork, Independent Study, Project, Web work, Workshop, Practical Experience, Special Projects
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: 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? No