

# Stanford | Continuing Studies

**Course Title:** An Introduction to Anatomy at the Stanford School of Medicine: Exploring the Abdomen

**Course Code:** SCI 58

**Instructor:** Drs. Bruce Fogel and Miguel Angeles

## Course Summary:

Pertinent details are expressed in the course description. In addition, short breaks and lunch time are incorporated into the course schedule (see attachment). There are no textbooks or periodicals for this course though links to online resources will be provided: see Tentative Course Outline.

*\*Please see course page for full description and additional details.*

### LIBERAL ARTS AND SCIENCES

#### SCIENCE

##### Introduction to Anatomy at the Stanford School of Medicine: Exploring the Abdomen

In this course, students will explore digital technologies used by Stanford medical students as they prepare for careers in the health sciences, and by surgeons in the treatment and care of patients. Though cadaver specimens are the foundation of instruction at Stanford, in this online version of the course, digital resources such as the Anatomage 3D Virtual Anatomy Dissection Table of cadaver material, 3D interactive anatomy apps of exceptional models, and digital diagnostic visualization systems provide the student and practitioner with data for visualizing the spatial relationships between anatomical structures and the full extent of specific anatomy that may be difficult to explore on the cadaver. Ultimately this leads to a better understanding of anatomy and improved patient

care. Students will learn how to identify anatomical structures and common clinical conditions affecting the abdomen, such as inflammation of the gallbladder and appendix. Students will also observe, via videos, surgical procedures such as cholecystectomy (gallbladder removal) and appendectomy. The course will begin with introductions followed by a digital presentation on the anatomy of the abdomen. This course will offer students an insight into the combination of anatomy resources and imaging that make learning anatomy at Stanford a unique experience.

#### BRUCE FOGEL

*Adjunct Professor, Division of Clinical Anatomy, Department of Surgery, Stanford School of Medicine*

Bruce Fogel develops, directs, and teaches undergraduate, medical school, and outreach courses at Stanford. He emphasizes the clinical relevance of anatomy as it pertains to the treatment of traumatic and pathological conditions.

#### MIGUEL ANGELES

*Lecturer, Division of Clinical Anatomy, Stanford School of Medicine*

Miguel Angeles teaches anatomy to undergraduates, medical students, and physician assistant students. He emphasizes the clinical and surgical applications of anatomical principles by dissection and demonstration of surgical procedures using cadaveric specimens.

#### SCI 58

Saturday, January 15  
10:00 am – 2:30 pm (PT)  
\$230 Limit: 24  
Refund Deadline: January 8  
Grade Restriction: NGR only; no credit/letter grade  
Course Format: Live Online

This course is the second in a series on the clinical application of human anatomy. Each course focuses on a different area—the lower limb (Fall 2021), the abdomen (Winter 2022), the eye (Spring 2022), and the neck (Summer 2022). While these courses build upon one another, each course can be taken independently as well.



Leonardo da Vinci, Woman's Head, c. 1473, ink on paper, accessed from WikiArt.org. Learn more about the new Continuing Studies course "Italian Renaissance Art" (page 9).

Please contact the Stanford Continuing Studies office with any questions  
365 Lasuen St., Stanford, CA 94305  
continuingstudies@stanford.edu  
650-725-2650

**Note About Live Attendance and Recording:**

All sessions of the workshop will be recorded for students to review after the course. Recordings will include faculty presentations, class discussions and all question-and-answer periods. Attendance during the course is highly recommended to gain maximum benefit from the materials and discussions.

**Grade Options and Requirements:**

- No Grade Requested (NGR)
  - No work will be required; no credit shall be received; proof of attendance can be provided.

**Tentative Course Outline:****An Introduction to Anatomy at the Stanford School of Medicine****Exploring the Lower Limb**

Saturday, January 15, 2022 online

**10:00 AM – 2:30 PM**

<b>Time</b>	<b>Session</b>	<b>Media/Technology/Activity</b>	<b>Faculty</b>
<b>10:00 AM</b>	Welcome Introductions: faculty, students Zoom: review of functions Review Schedule		Bruce Fogel
<b>10:20 AM</b>	<b>Review of anatomy</b>	PowerPoint presentation	Miguel Angeles
<b>11:10 AM</b>	<b>Break</b>		
<b>11:20 AM</b>	Review of anatomy and discussion	Acland Dissection videos Anatomage 3D Dissection Table Anatomy apps with 3D images	Bruce Miguel
<b>12:20 PM</b>	<b>Lunch break</b>		
<b>1:05 PM</b>	<b>Surgery discussion</b>	<b>Cholecystectomy: gall bladder removal</b> <b>Appendectomy: appendix removal</b>	<b>Miguel</b>
<b>2:05 PM</b>	<b>Break</b>		
<b>2:15 PM</b>	Q&A Continuing Studies survey Upcoming courses		Miguel Bruce
<b>2:30 PM</b>	<b>Session ends</b>		

Please contact the Stanford Continuing Studies office with any questions  
365 Lasuen St., Stanford, CA 94305  
continuingstudies@stanford.edu  
650-725-2650