Visit Stanford Anatomy with Your High School Class

On a visit to the Division of Clinical Anatomy at Stanford, high school students encounter many of the same laboratory facilities and learning resources used by Stanford’s own medical students. Through customizable programs, our instructors guide hundreds of high school students each year as they discover what it means to learn and apply human anatomy in a professional context. We can help you inspire and motivate your students by designing educational “short course” modules that complement your curriculum.

Key details

**Group sizes** usually range from 12 – 40. Special arrangements can be made for smaller or larger groups.

**Duration:** A typical visit lasts 1 ½ – 2 hours. Sessions of other durations can be arranged.

**Pricing:** We offer a variety of pricing for tours and can work within your budget. A standard visit covers the cost of instruction and supplies, though exact rates will depend upon a group’s specific requirements. Contact us for a custom estimate.

**Educational content:** Our instructors can focus the content of a program on particular topics, regions, organs, or systems upon request, to complement your classroom study. We can also provide instruction on general anatomy concepts. It is helpful for us to know in advance the level of anatomy knowledge of the students and what they have studied in class so far.

Students engage with a variety of learning resources in an immersive environment. A standard visit usually includes 3 – 4 of the following:

**Bassett Collection of Stereoscopic Images**
These highly detailed, full-color photographs have been studied by medical students for more than 50 years and remain some of the most beautiful and informative anatomy learning resources available anywhere. Visitors wear special “3D” glasses to view these stereoscopic images on a large screen while our instructors highlight concepts and quiz students on their anatomy knowledge.

**Interactive Digital Resources**
On the Anatomage Table, students view an actual-size virtual cadaver and interact with three-dimensional CT scans drawn from the hundreds in the clinical case library we have assembled through our relationship with Stanford Health Care. The entire table is one big touchscreen, so students can rotate, zoom, and change views with intuitive fingertip gestures. The Anatomage Table is great for clinical case-based study and for observing the spatial properties of anatomical structures. Practice with additional digital resources, including custom iPad apps developed at Stanford and used by Stanford students, complements this experience.

**Physical Models and Bone Collection**
We have variety of hands-on physical resources for use by every age group. Beginning the study of each anatomical region by introducing the skeletal system provides students with an important foundation, and our extensive human bone collection is a great place to start.

**Cadaveric Specimens**
Our premier teaching and research laboratories house a collection of more than 300 prospected (pre-dissected) cadaveric specimens, created and curated by Stanford faculty and medical students. Visiting students consistently value the unique learning experience that comes from working with real tissue. The collection includes examples of normal anatomy as well as specific clinical conditions and pathologies.

*Available to students 15 years of age and older.*

**R&D Laboratory**
Occasionally, visitors can catch a glimpse of the research and development projects being conducted in our labs. Our researchers explore applications for technologies such as augmented reality and the Oculus Rift virtual reality headset. Research areas include affordable prosthetics design, creation of interactive anatomy education resources, and the application of visual-spatial skills in various medical specialties.

*R&D demonstrations available by special arrangement only.*

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**Contact Us**
For more information, or to schedule a visit, email anatomy@stanford.edu.

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http://anatomy.stanford.edu/outreach/high-school-visits.html