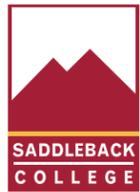


SADDLEBACK COLLEGE SCIENCES BUILDING

- The Saddleback College Sciences Building opened to students on August 22, 2016, the first day of fall semester classes.
- The building is a three-story, 52,897 assignable square foot facility (81,890 total square feet) with features more typically found at large universities, including 30 instructional laboratories and classrooms furnished with state-of-the-art equipment and teaching stations.
- The subjects currently offered in the building include physics, astronomy, geology, oceanography, paleontology, anatomy, biology, biochemistry, physiology, microbiology, and chemistry.
- 23 full-time faculty, 40 part-time faculty, and 11 laboratory technicians support Saddleback's sciences programs.
- More than 3,000 students are enrolled in 117 sections of science classes for the fall semester.
- During the 2015-2016 academic year, 4,923 students were served in 273 sections of science courses.
- Enrollment in the sciences totaled 8,394 during the 2015-2016 academic year.
- Over the past 10 years, 5,145 students majoring in the sciences transferred to top STEM programs at universities including UCLA, UC Irvine, UC Berkeley, UC San Diego, USC, CSU Fullerton, and Chapman University.
- Over the past 10 years, 2,753 degrees, certificates, and occupational skills awards were earned in the sciences.
- The building features a paleontology laboratory equipped for students to study fossils from the local area.
- An adjacent observatory dome was built that is more than 18 feet in diameter and features a 16-inch Schmidt-Cassegrain main telescope.
- The building supports student research, with chemistry and biology laboratories that provide space and equipment for faculty-led student research projects .
- The Sciences Building is an environmental marvel, with an eco-friendly design and construction that earned the prestigious Leadership in Energy and Environmental Design (LEED) Gold rating from the U.S. Green Building Council.
- Environmentally-friendly features of the building include electric vehicle parking, storm water management, effective insulation, low-water landscaping, recycling bins, energy-efficient lighting, and increased bike racks.
- Prominently displayed in the building's lobby is a quote by renowned physicist Albert Einstein:

**“WE CANNOT SOLVE OUR PROBLEMS
WITH THE SAME THINKING WE USED
WHEN WE CREATED THEM.”**





SCIENCES BUILDING

Saddleback College's new Sciences Building boasts features more commonly found in laboratory buildings at large universities. Here is a look at some of its features.

Construction materials were chosen for durability and sustainability. Composite cladding, machine-applied stucco and highest-quality roofing materials should last decades. All of the labs have acid-resistant phenolic resin worktops designed to last 40 years.

An elaborate dual air stack exhaust system removes 6,000 cubic feet of fumes per minute from laboratories and fume hoods and vents them out of the roof.

Rain water from the roof is channeled to a garden where it percolates through the soil, cleaning the water before it is released to a storm drain.

GOING GREEN

The building earned LEED credits toward its Gold Award by incorporating dozens of green features. These include installing bike racks to encourage non-polluting transit, electric vehicle parking, storm water management, effective insulation, low-water landscaping, recycle bins and energy-efficient lighting.

The entrance plaza offers a large welcoming space that is well suited for student activities and events.

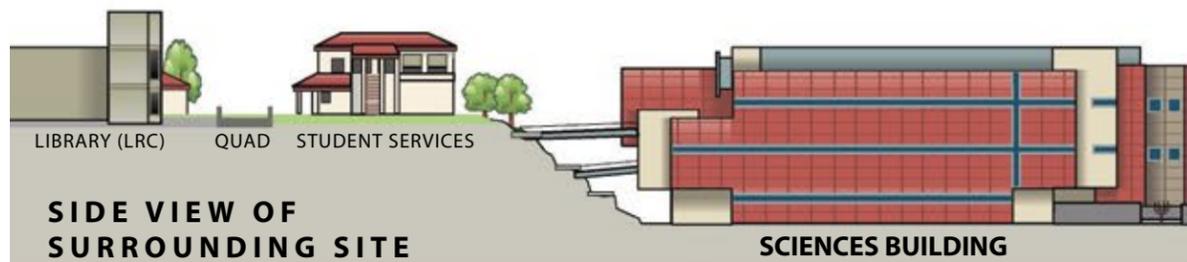
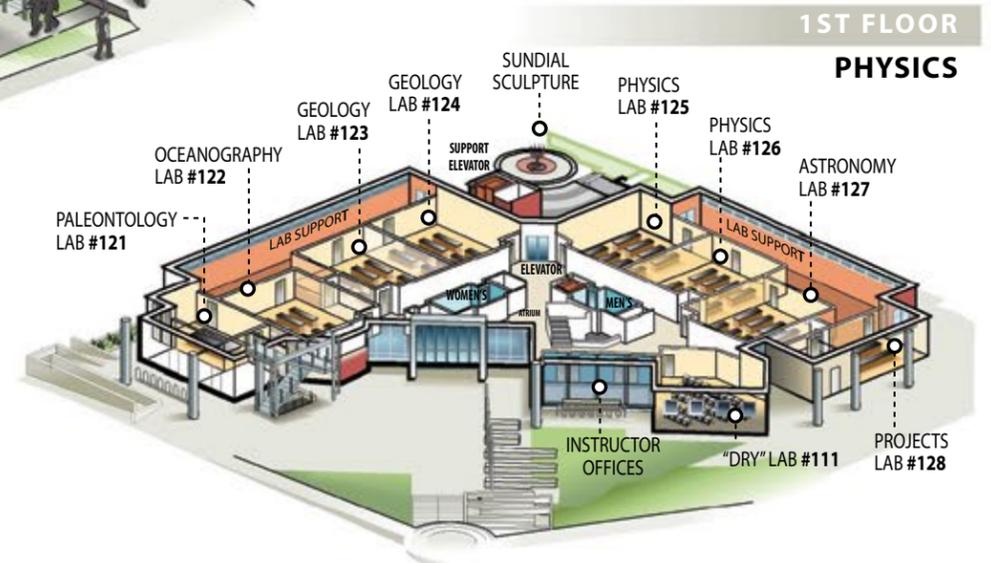
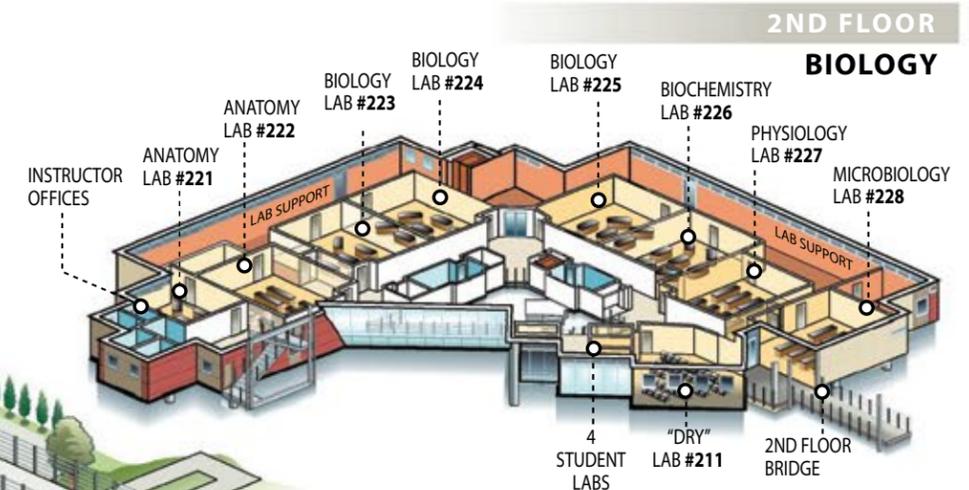
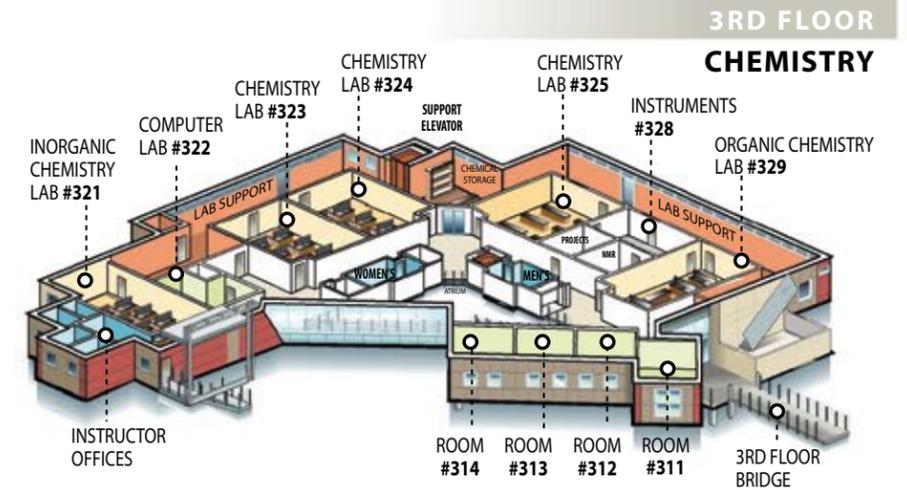
Drought tolerant native planting is used with water-saving irrigation controls. Landscape zones reflect local native habitats, such as the Trabuco Arroyo Meadow and the Upper Newport Bay Shoreline.



The building was designed to lower its impact on the environment, earning the college a prestigious "LEED Gold" award.

LAB FEATURES

There are 55 ventilation hoods in the labs that remove noxious fumes from experiments before they pollute the lab.



SIDE VIEW OF SURROUNDING SITE

SCIENCES BUILDING

COLLEGE DR. EAST

BASEBALL/TENNIS COURTS

PARKING LOT

OBSERVATORY

September 29, 2016
Sciences Building Grand Opening

COST: \$60 MILLION
Including audio visual equipment, furniture and security systems

SIZE: 84,000 square feet
Includes about 51,200 square feet of assignable space.

LABS: 26 CLASSROOMS: 4
This includes four student labs, one computer lab and one special projects lab.

GROUND BREAKING: Dec. 16, 2013
Duration of construction was about two years and nine months.

OBSERVATORY: 16" Schmidt-Cassegrain Telescope
Includes 20 student telescope pedestals with electrical and data service; 16" telescope can be remotely controlled from a classroom.

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