

Email to a potential student

Jackson – When considering your college options, remember to look for programs that balance theoretical and practical skills, offer opportunities for undergraduates to do research, provide options for learning outside the classroom and colleges where the faculty (not just graduate students) teach the undergraduate level courses.

I gathered a little bit of information on Architectural Engineering for you, but if you decide to apply to Mechanical Engineering, please consider UCSB for all the reasons we discussed yesterday during your visit.

For more general information about Architectural Engineering check out the first two sites:

Architectural engineering programs combine architecture and engineering. Majors learn about the links between design, purpose and construction.
www.collegeboard.com/csearch/majors_careers/profiles/majors/

Princeton Review - Architectural Engineering majors study the planning, design, construction, and operation of engineered systems for all different kinds of buildings. What kind of engineered systems, you ask? In a nutshell, all those tremendously important things in every building that no one really notices like electrical systems, lighting, heating, ventilating, air conditioning, fire protection, plumbing, and structural systems.
www.princetonreview.com/college/research/majors/majorBasics.asp?majorID=30

Here are two schools renowned for their AE programs:

Penn State - Founded in 1910, the Architectural Engineering Department at Penn State University has established a long tradition of excellence and educational innovation. It is the oldest, continuously accredited architectural engineering program in the United States. see: www.engr.psu.edu/AE/

California Polytechnic University - Cal Poly's Department of Architectural Engineering's (ARCE) curriculum focuses on the structural engineering of buildings. By focusing on building design students are able to take many more structural engineering courses than is possible in a traditional civil engineering program. Beyond structural engineering courses, students take several architecture and construction management, giving them an appreciation for these disciplines. see: www.arce.calpoly.edu/general/

I hope that your visit to UCSB and the above information help you make informed decisions about your college options.

Best wishes on a fabulous college experience,

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