UCLA ENGINEERING VI: PHASE II (COMPUTER SCIENCE)
LOS ANGELES, CA

Destined to become the flagship facility for the University of California Los Angeles’ (UCLA) Henry Samueli School of Engineering and Applied Science, the new Engineering VI building will represent the school’s commitment to inspiring, state of the art technology and research. Comprising two phases, Engineering VI will house the school’s Institute for Technological Advancement and the Computer Science Department.

Working closely with the architect, BuroHappold Engineering is providing services to deliver the Computer Science Department as Phase II of the project, creating a facility that provides a mixture of collaborative research computer laboratories, private office areas, conference rooms, break out areas and a large auditorium. Seeking to provide an exceptional environment for students and researchers, the design of the building includes roof top terraces and an ornamental stair structure. The building facade combines a glass curtainwall and terracotta rain screen system, with brick and cast stone accents.

Continuing the successes of the methods used in Phase I, the design of Phase II will employ high performance building strategies to harness the Southern Californian climate, delivering a resource efficient and quality research environment. Dedicated to achieving the project’s sustainability goal of LEED Gold, our experts will incorporate passive systems such as daylighting and natural ventilation, in addition to the careful selection of active systems, such as active chilled beams, displacement ventilation and sophisticated controls. Solar renewable and water recycling technologies will be used to further optimize the energy and water consumption of the building. Our team is also carrying out extensive energy modeling to ensure a superior interior environment while minimizing both upfront and ongoing operational energy costs.

Located at the heart of the campus, Engineering VI will be an exemplar of efficient design and is set to become the catalyst for new discoveries and inventions from the next generation of engineers.