INSTRUCTION MODALITY:
This course will be offered in multiple concurrent modalities including face to face, remote, and a hybrid approach called “HyFlex”. Those who enroll in CRN 37083 (for Arch 495) and 37084 (for ARCH 595) will be able to attend face to face. Those who enroll in CRN 30463 (for Arch 495) and 30542 (for ARCH 595) will attend remote via HyFlex. Those who need an additional credit, including the technical elective, will enroll in Arch 406/606 (CRN 30368/30562). Every effort will be made to ensure an equitable experience for all students enrolled in all sections.

COURSE DESCRIPTION:
Daylight should be the primary source of illumination for most architectural applications you will design throughout your career. This course teaches the fundamental principles for daylighting design in buildings through building tours, case studies, design experiments, geometric approaches, as well as physical modeling and digital simulation and analysis methods. After completing this course, you will understand implications of architectural daylighting design decisions on visual comfort and aesthetics, thermal comfort and performance, human health and wellness, and energy efficiency and will have the skills to analyze these factors during design stages both qualitatively and quantitatively.