

# University of Kansas Health Education Building Green Roof

**Project Description:** In 2018 the University of Kansas Medical Center completed construction of its new Health Education Building. The structure has several sustainability-oriented features such as LED lighting, occupancy sensors and automatic set-backs for control of heating and cooling, and a vegetated roof on top of a large learning studio. This green roof helps to insulate the studio and reduces noise. It is part of a larger courtyard irrigated by condensate water from the building's heating and cooling system.

**Project Location:** 2146 W. 39<sup>th</sup> Ave., Kansas City Kansas

**Project Funding:** The Health Education Building was constructed with funding from the state of Kansas, University of Kansas Medical Center, Hall Family Foundation and other private sources.

**Project Partners:** The Health Education Building was designed by Helix Architecture + Design and CO Architects.



**Construction Completed:** 2017

## **Key Green Infrastructure Components:**

- Green roof
- Native vegetation
- Reuse of condensate water for irrigation

## **Environmental Benefits:**

- Reduces runoff by absorbing stormwater
- Supports biodiversity by providing a food source for insects
- Reduces surface-area temperature of the roof and inside the building; as a result, lowers air-conditioning bills and amount of energy used
- Reduces use of fresh water for irrigation

