

Literature, Science, and the Arts Building First Floor Renovation and Addition



Project Description

The College of Literature, Science, and the Arts (LSA) proposes to renovate approximately 24,000 gross square feet of the first floor of the building and construct an addition of approximately 21,000 gross square feet that will provide space for its internship program and for an Opportunity Hub for students to explore the connection between their liberal arts education and their goals and aspirations. The LSA internship program will include all relevant student services, such as access to internships, funding, employers, and alumni to allow LSA students to engage in opportunities throughout their undergraduate experience. The space is designed to encourage interaction and be open, welcoming, vibrant, and student-focused.

Energy Efficiency Measures

- The building's design and systems include a number of energy efficient features to allow for an estimated 20% energy savings compared with an energy code compliant building as defined in ASHRAE 90.1-2007 Appendix G.
- Triple pane glazed curtainwall with jumbo glass to better insulate and reduce thermal transfer
- Occupancy sensors for HVAC and lighting in regularly occupied spaces
- Daylighting strategies and LED lights reduce lighting load

Other Sustainability Features

- This project is LEED® certified to the Gold level and achieved 60 points under the LEED for New Construction v2009 rating system.
- Project site is located near public and U-M bus routes to encourage use of public transit
- Close proximity to basic services such as restaurants, banks, and stores to encourage building occupants to walk instead of drive
- Landscaping contains native and drought tolerant plantings to reduce irrigation water use by at least 50% from baseline
- Low-flow water fixtures selected to reduce water consumption
- Construction waste diverted from landfills when possible
- Low-impact refrigerants used to minimize contributions to climate change
- Low-VOC adhesives and sealants, paints and coatings, flooring systems, and composite wood and agrifiber products
- Materials and products used on the project were extracted and manufactured within 500 miles of the project site
- Materials used on the project contain recycled content
- Certified wood materials used when possible