MS in Architectural Studies with Emphasis in Design with Digital Media

MU’s Design with Digital Media program attracts a diverse group of talented, intellectually engaged graduate students for interdisciplinary and trans-disciplinary exploration in the digital arts. The curriculum enables students to investigate innovative approaches to contemporary theory and practice, and fosters both individual inquiry and high-level collaboration. The primary objective of the program is to prepare creative critical thinkers to become leaders in their fields.

Structured to promote thought and work that crosses traditional lines between disciplines, the Digital + Media curriculum challenges students to consider non-standard approaches to the computer as a creative and expressive medium. Study of technology, art and design is balanced with inquiry grounded in conceptual, critical, social, cultural and historical considerations.

Design with Digital Media, as an integral part of the design process, focuses on graphic ideation and the application of computer technology for architecture, interior and related disciplines. This program of study has an emphasis on design with digital media leading to MS and PhD degrees.

Current study areas in the digital media program include:

- Design computing and cognition
- Design process using digital media and creativity research
- Virtual reality (VR) and augmented reality (AR) technologies for design visualization
- Advanced visualization technologies for environment-behavior simulation
- Building Information Modeling (BIM)
- Building Simulation
- Human-computer interaction aspects of digital tools for design

See resources in our immersive visualization lab, the ilab (http://arch.missouri.edu/resources_ilab.html), and the ilab web site. (http://arch.missouri.edu/ilab)

The culmination of the degree is a written and/or visual project employing computer applications for design methods. Applicants interested in the Design with Digital Media option should contact the coordinator of Design with Digital Media, Dr. Bimal Balakrishnan (http://arch.missouri.edu/faculty_balakrishnan.html), for course content and research proposals. Also see the Architectural Studies Graduate Handbook (http://arch.missouri.edu/docs/academics/PhD/handbook.pdf).

Admissions

Applicants are required to the minimum requirements of the Office of Graduate Studies (http://gradstudies.missouri.edu/admissions/eligibility-process/minimum-requirements.php). Because requirements vary, please refer to the degree program’s graduate admission page to learn about specific admission criteria, application deadlines, eligibility and application process. Before official admissions to the University of Missouri, your application materials will be reviewed by both the Office of Graduate Studies and the degree program to which you’ve applied.