

M.S. Program Report

Working Group: Elvin, Collins, Dickey, & Barrow

January 19, 2016

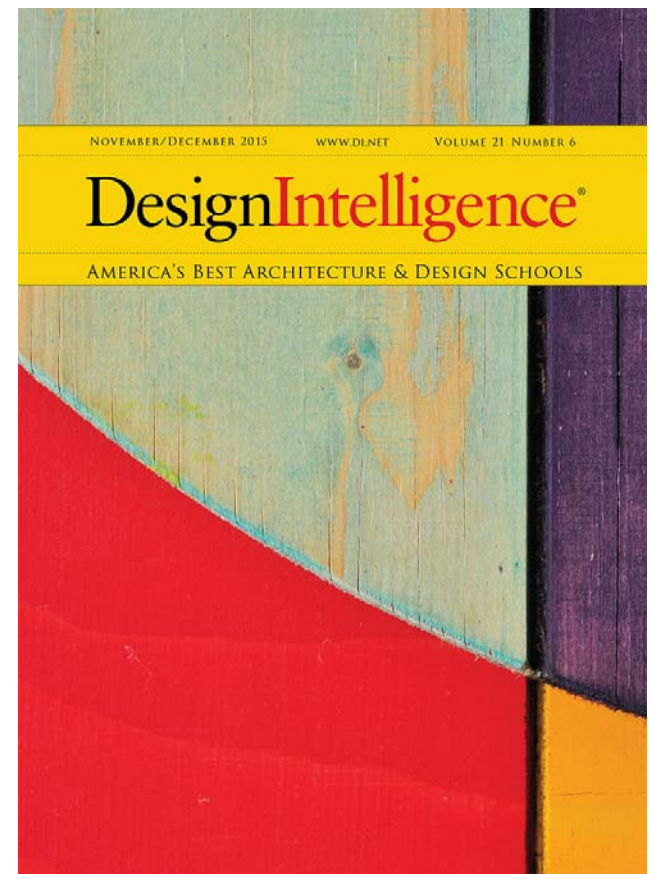
Precedent Analysis

Post-professional / M.S. Arch Programs

70+ programs

Top 10 Design Intelligence Rankings

- Undergraduate Programs: 7/10 have an M.S. equiv.
Cornell, Cal Poly SLO, CMU, Sci Arch, USC, UT Austin, VTech
- Graduate Programs: 8/10 have an M.S. equiv.
Columbia, Cornell, Harvard, MIT, UC Berkeley, U Michigan, Vtech, Washington U



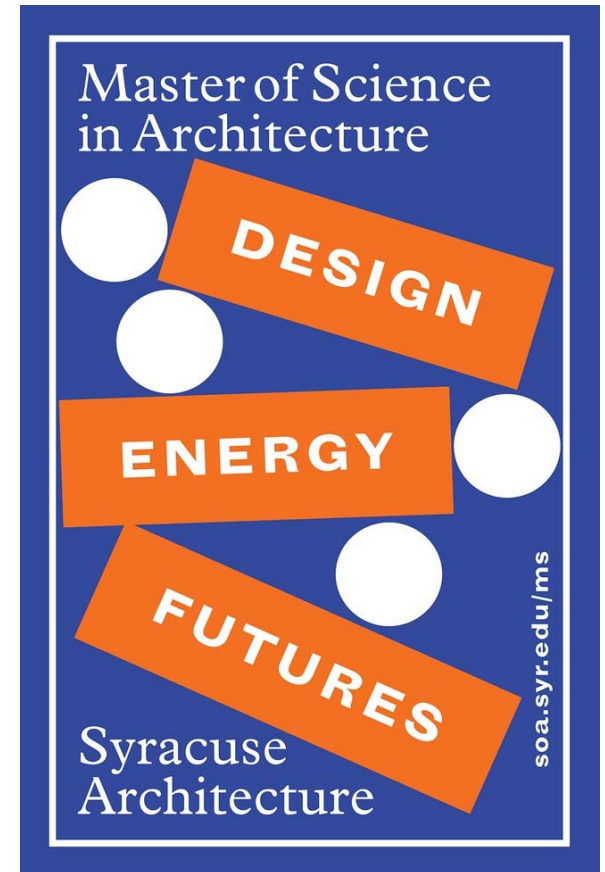
Syracuse University

Postgraduate M.S. in Design | Energy | Futures

- Energy & the built-environment at many scales
- 30 credit hours / 3 semesters (1 study abroad?)
- Professional degree (Arch, Landscape, or UD)
OR others

How they are excelling:

- Cross-disciplinary
- Flexible electives
- Provides full-funding
- Design-focused research
- Linked with faculty research



Philadelphia University

M.S. in Architecture

- High Performance Building Concentration
- 36 credit hours / Summer + 1 year + Summer

How they are excelling:

- Relevant, short duration, structured
- Sustainable design-focused
- Studio, directed research, independent research, & electives
- Offers “advanced standing” for applicants



Philadelphia University

M.S. in Sustainable Design (MSSD)

- Focuses on integrated design (collaboration)
- 34 credit hours / 2 years (18 mo. hybrid)

How they are excelling:

- Flexible, relevant, real-world-focused
- Combinations: 1+1 M.S. in SD & CM; 4+1 B.S. in ID & M.S. in SD
- On-campus, online, hybrid
- Lectures, labs, studios, & thesis
- Connected with community SD practice
- “Nexus learning” – cross-disciplinary



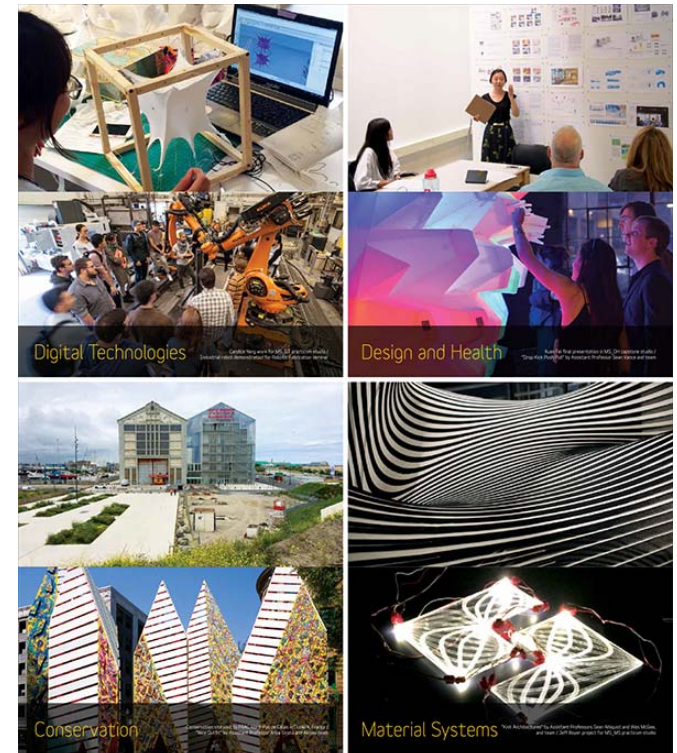
University of Michigan

M.S. in Architecture Design & Research

- Design/health (MS_DH), digital technologies (MS_DT), material systems (MS_MS), & conservation (MS_C)
- 36 credit hours / 3 terms (10 mo.)
- B.Arch/M.Arch OR a field relevant to the chosen concentration

How they are excelling:

- Specific concentration tracks
- Team based research projects
- Focus area courses
- Engaging with other disciplines



Master of Science in Architecture / University of Michigan Intensive Research in an Emerging Practice Concentration

The Master of Science (M.S.) in Architecture program is an intensive 3-credit-hour post-professional academic program with a focus on design research. The program concentrations include Design and Health (MS_DH), Digital Technologies (MS_DT), Material Systems (MS_MS), and Conservation (MS_C).

The program provides an opportunity for students to work with faculty on design research projects that focus on problems relevant to their area of concentration.

The program is available on the university's unique position as a premier research university with over 20 top tier ranked departments. The research breadth is unique to the concentration course of study.

Our degree is particularly appropriate for graduates with a B.Arch or M.Arch professional degree in architecture or equivalent degrees in related fields. The M.S. students graduate to pursue design research careers in the industry or for leadership in research or architectural practice.

Application Deadline: January 15, 2016
Start Date: July 2016

www.taubmancollege.umich.edu/ms

TAUBMAN COLLEGE
ARCHITECTURE • URBAN DESIGN • PLANNING
UNIVERSITY OF MICHIGAN

Values

That the group feels our department shares

- Exploration
- Rigor
- Craft / Making
- Community Engagement
- Interactive Learning
- Environmental Stewardship
- Social Consciousness
- Accessible

Vision Statement

We will be an integral part of the global design discourse regarding social and environmental problems and contribute to solutions through our students' education and our designs, research, innovations, and entrepreneurship.

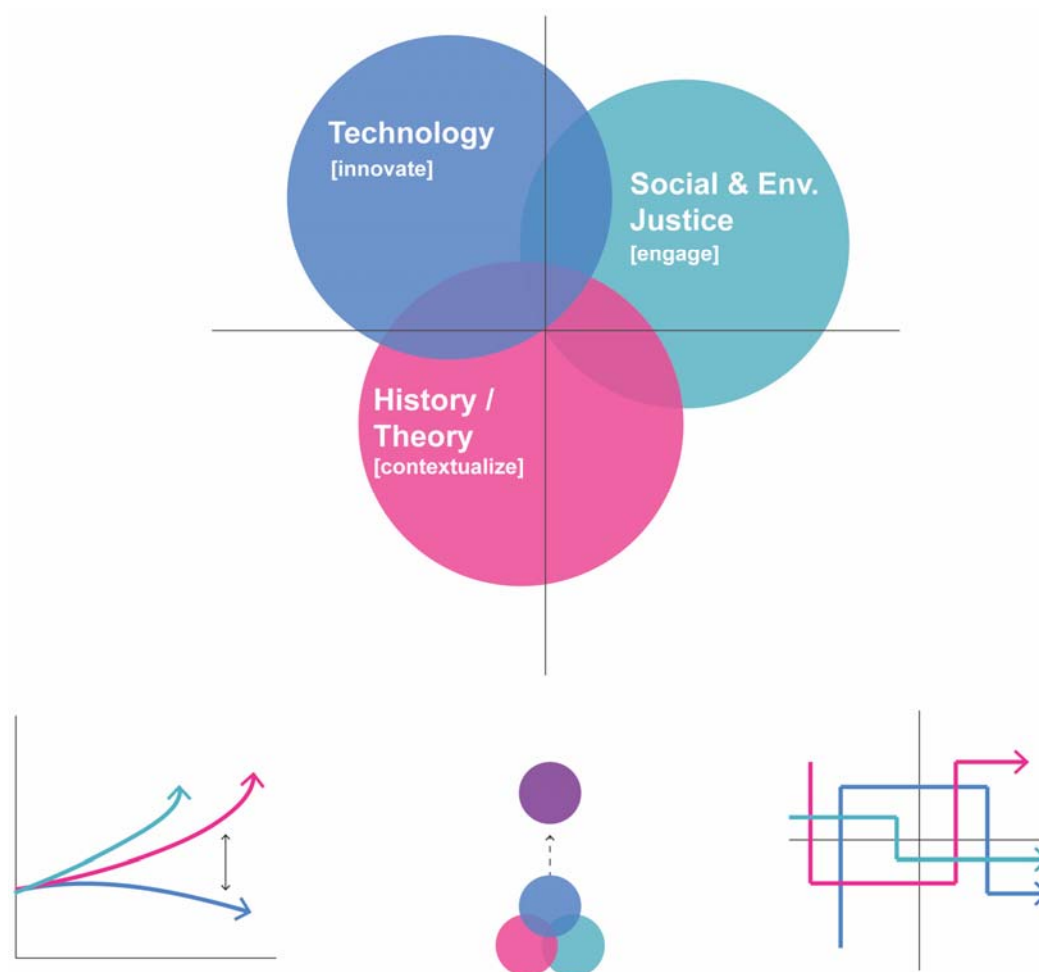
Mission Statement

We value social and environmental justice and are committed to design research to assist with global and environmental design issues. We attract a diverse student body from regional, national, and international backgrounds with degrees in architecture and related fields, who bring their culture, energy, and knowledge to share with our students and faculty. Our faculty are student-centric and society-focused. Our talented, diverse, and innovative faculty are committed to mentoring our students toward diverse creative fulfilling careers.

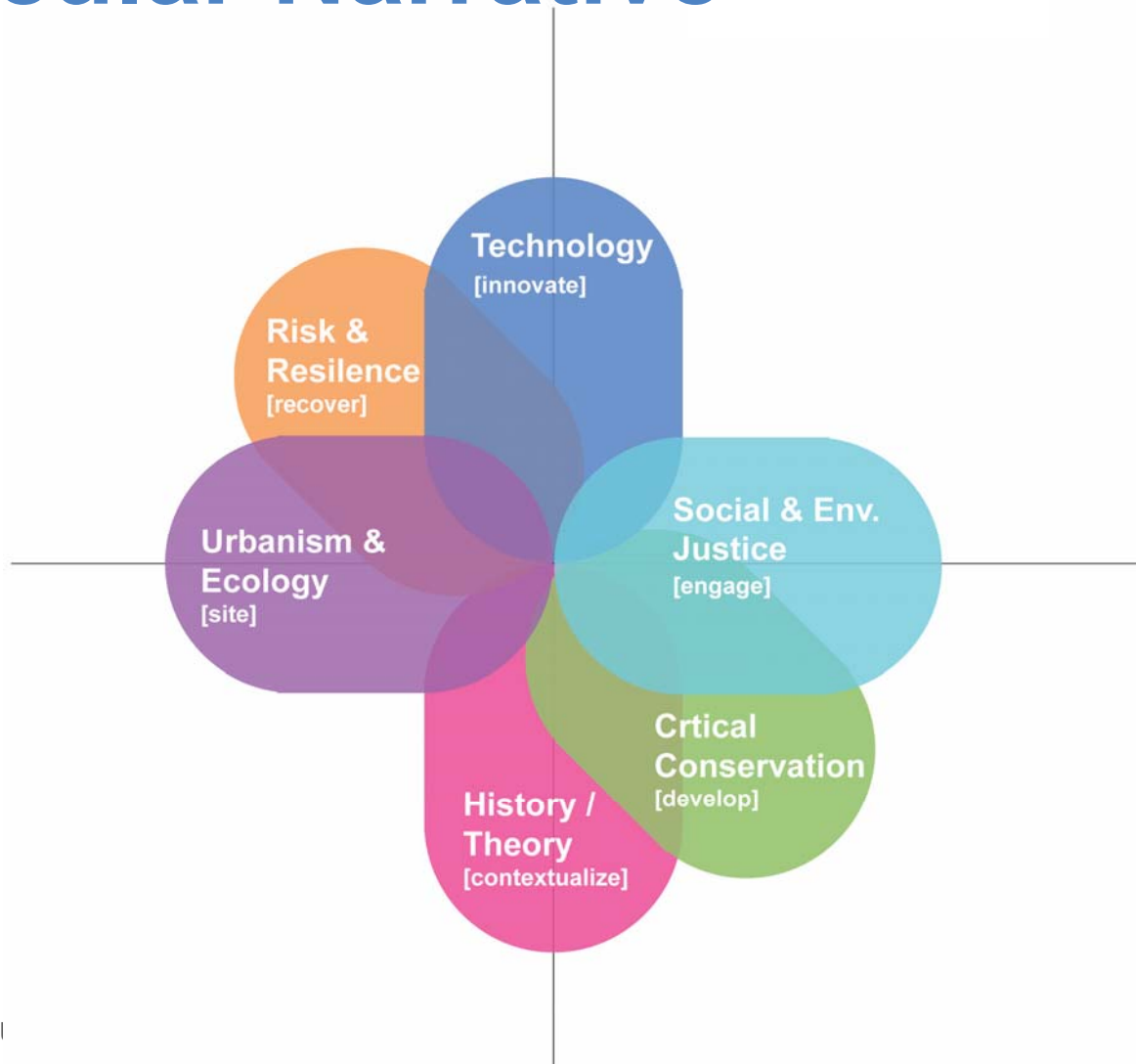
Character of Experience

- **Interdisciplinary:** leveraging perspectives outside of architecture
- **Focused:** connecting with specific architecture faculty research, interests, and areas of expertise
- **Flexible:** allowing students to shape & customize their path
- **Diverse:** having students with a range of interests, backgrounds, & previous educational experiences
- **Connected:** integrating students into the CAP community
- **Relevant:** supporting explorations that are timely & critical for the profession.

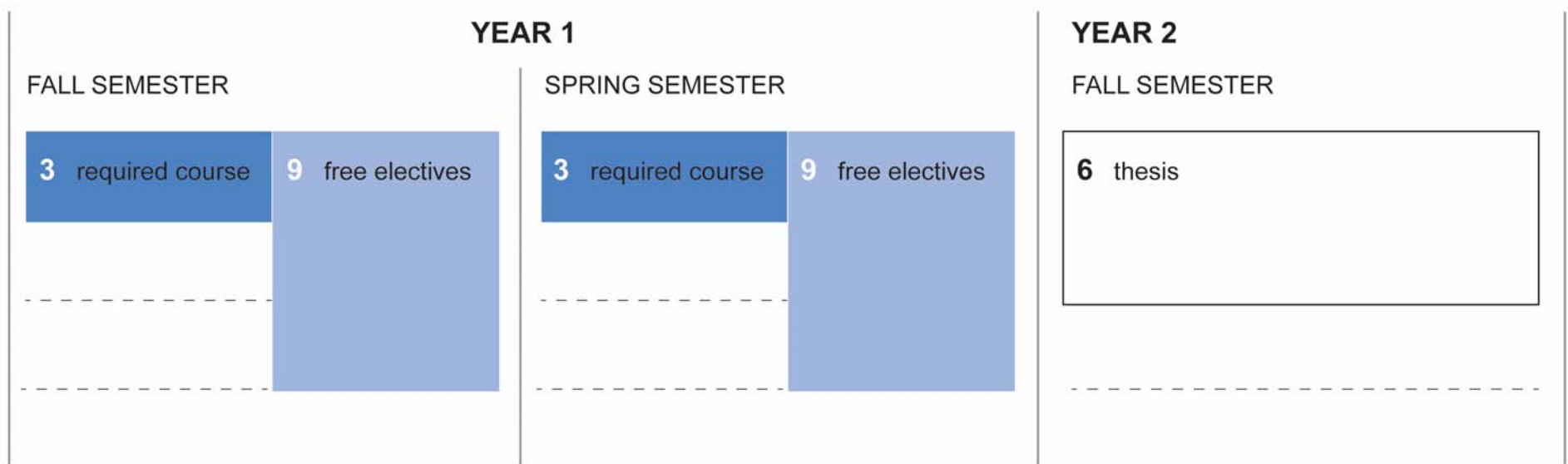
Curricular Narrative



Curricular Narrative



Curricular Diagram



6	required
18	free
6	thesis
30	TOTAL

Program Descriptions

