

MASTER OF ARTS: SUSTAINABLE DESIGN

This document highlights skills and tools that students in this program may develop proficiency in throughout their studies. This list serves only as an overview of skills and tools relevant to the program, and it may not reflect all applicable skills and abilities developed by each individual by the time of graduation.

SKILLS:

- 3D CAD Modeling/Rendering
- Biomimicry/Biomimetic Design
- Business Plans/Models
- Consumer Perception/Market Triggers
- Design Evaluation
- Design for Lifetime (Repair/Recycling)
- Eco-Labeling (Cradle to Cradle/EPEAT)
- Ecological Perspective Application
- Energy Effectivity
- Environmental Justice Design
- Green Standards
- Hand Sketching/Conceptualization
- Life-Cycle Analysis/Assessments
- Lightweighting
- Material Choices
- Material Health
- Materials Assessments
- Natural Model Case Studies
- Packaging Sustainability
- Persuasive Design
- Presentations
- Risk-Area Identification
- Supply Chain Topics
- Sustainability Frameworks
- Systems Thinking
- United Nations Sustainable Development Goals (SDGs)

PROGRAM SPECIFIC SOFTWARE:

- After Effects
- Illustrator
- InDesign
- Keyshot
- Media Encoder
- Photoshop
- Premiere Pro
- Solidworks

GENERAL SOFTWARE:

- Google Suite
- Microsoft Office Suite

CAREER DEVELOPMENT RESOURCES:

Opportunities for internships, full-time and part-time employment, and work studies are posted on Handshake. All current students and alumni have access to view and apply for these opportunities. New opportunities are posted frequently. Handshake also offers links to internship and employment resources, career development resources, and the option to submit your resume for critique and review. Students and/or alumni are welcome to contact Career Development for one-on-one employment assistance.

- Career and degree/major exploration
- Career development: resumes, cover letters, interviewing skills, professionalism, networking, and informational and mock interviews
- Internship preparation, application, and registration
- Job and internship search strategies
- Job and internship listings and networking contacts
- Employer connections and mentorship

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