PROGRAM OVERVIEW

The M.S. in Surface Imaging program at Jefferson (Philadelphia University + Thomas Jefferson University) offers a unique graduate design education by viewing anything and everything as the canvas through the utilization of a variety of printing technologies. By applying painting, drawing, photography and printmaking to advanced design studios and printing practices, you will produce complex and unique surface image projects. You will be able to bring your creativity to life through fabrication printing, including additive material deposition and subtraction printing technologies (enhanced 3D surface and laser printing)—allowing you to produce anything you can imagine. Product development and management skills are enhanced with thorough knowledge and experience in advanced printing technology, applied engineering and an understanding of innovative business systems.

You will gain professional experience while in the program, through research based real-world projects with industry partners that stress critical thinking and problem solving skills through teamwork and collaboration. You will learn from expert faculty in state-of-the-art facilities, like the Center for Excellence of Surface Imaging. Upon graduation, you will be prepared to lead in the growing imaging industry and have extensive experience working on interdisciplinary projects using advanced technology and design solutions.

HITOSHI UJIIE, PROGRAM DIRECTOR

Hitoshi Ujiie has more than 20 years of experience in high-end surface imaging and manufacturing. A native of Kyoto (the center of Japan’s textile industry), he received a B.F.A from Kyoto Seika University and an M.F.A from the University of Georgia. His professional experience includes designing at Jack Lenor Larsen Design Studio in New York, where he was involved in the development of, and oversaw the manufacture of, printed fabrics in a global arena. Sensing the technological revolution that was on the horizon, he developed an expertise in the digital transformation of imageries into printing process. As a surface imaging specialist and digital printing technologist, he is globally recognized as an expert and is sought after for his presentations on the subject. Hitoshi’s involvement in launching the M.S. in Surface Imaging program, as well as serving as director of the program, has provided him with the rare opportunity to research and implement cutting-edge surface imaging technologies. In this capacity, he has lectured and published for myriad international audiences.

ADMISSIONS REQUIREMENTS

- Bachelor’s degree
- Official academic transcripts
- Current resume
- Portfolio of creative work
- Two letters of recommendation
- Letter of intent
CAREER PATHWAYS
An M.S. in Surface Imaging degree can prepare you for careers in surface imaging and printing for design, product development and management in such fields as:

- Environmental Graphics
- Architecture & Design
- Apparel Products
- Home Industries
- All facets of the global imaging industry

CURRICULUM
CORE COURSES
Students who do not have introductory level design experience may be required to take drawing, foundation design, or digital imaging as a prerequisite.

Summer
Surface Imaging and Design Foundation ______________ 3

Business Essentials Courses*
   Accounting ______________________________________ 1.5
   Finance ________________________________________ 1.5

Fall
Surface Imaging Design I ____________________________ 3
Printing Technology for Surface Imaging _____________ 3
Introduction to Material and Polymer Science __________ 3

Spring
Surface Imaging Design II __________________________ 3
Designated Elective** ______________________________ 3
Transdisciplinary Project I __________________________ 3

Summer
Surface Imaging Master Project: Portfolio ____________ 9

TOTAL CREDIT HOURS 33 CREDITS

* Students who demonstrate introductory level business experience may waive the two online business essentials courses (1.5 credits each).

** Electives (3 credits each): Internship for Surface Imaging, Study Abroad Short Trip, Entrepreneurship, Studio Elective, Transdisciplinary Project II