

TEXTILE DESIGN (MS)

Contacts

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Program Description

- STEM designated Program

The MSTD program offers a dynamic integration of creative design and cutting-edge technology, equipping students for successful careers in the textile design industry. Designed for individuals with a diverse range of academic and professional backgrounds, the program supports diverse pathways to professional and creative growth. Its unique structure provides a strong technical foundation across all areas of textiles, allowing students to develop specialized expertise in knit, weave, or print. Collaborative projects with students from other majors, along with industry-sponsored competitions, broaden students' perspectives and prepare them for real-world challenges.

Learning Goals/Outcomes

- Develop an appreciation of the multifaceted nature of textile design and the technical knowledge, skills, design, and development processes and business structures required for a professional career in textiles
- Practice sustained visual research through original observation and trend information
- Apply visual research and technical skills into a collection of knitted, woven or printed textiles
- Produce a final body of textile design work—a fabric collection for exhibition and portfolio— exhibiting individual concept and development
- Produce an account of their final semester collection in thesis format for inclusion in the Gutman Library collection.

Curriculum: 2 Years, 30 Credits

Course	Title	Credits
First Year		
Foundation Courses		
TXF 501	Foundation Fiber &Yarn Studies	
TXF 511	Knit Technology I	
TXF 517	Weave Technology I	
TXF 543	Color, Dyeing and Finishing	
CHEM 101	General Chemistry	
Core Curriculum		
TXD 615	Studio 1A: Conceptual Develmpt	3
TXD 616	Studio 1B: Structures	3
TXD 617	Studio 1C:Text Mats &Processes	3
Select one of the following		3
TXD 749	Weave Technology II	
TXD 750	Knitting Technology	
MSSI 501	Digital Textile Printing	
MSSI 505	Printing Technology	
TXD 625	Seminar	0
TXD 742	Studio 2A: Sust Apps & Opps	3
Credits		15

Course	Title	Credits
Second Year		
TXD 743	Studio 2B: Adv Fiber Explortn	3
TXD 744	Studio 2C: Text Prod & Purpose	3
#GENELECT*	Options include TXD 756 Advanced Jacquard, TXD 726 Advanced Weft Knit, MSSI 550 Pattern Design	3
TXD 772	Studio 3A: Thesis Development	3
TXD 774	Studio 3B: Thesis Collection	2
TXD 975	Thesis	1
Credits		15
Total Credits		30