

TEXTILES AND DESIGN, CERTIFICATE

The certificate in textiles and design allows students from any major to gain a fundamental understanding of the creative and innovative application of textiles and visual design. By nature, textiles are interdisciplinary, weaving together art, commerce, history, culture, technology, material culture, and science. Students will develop artistic and technical skills valuable for both pursuing a professional career in the textile industry and nurturing personal creative interests.

The certificate in textiles and design is an opportunity for students from a variety of disciplines to engage in an in-depth exploration of textiles. Studio courses cultivate a rich understanding of the physical and creative interaction of materials, techniques, and concepts: pattern, networks, woven structures, flexible materials, the interaction of multiples, tactility, color, and imagery. Students have the opportunity to be creative in design studios, using both low-tech handmade techniques and complex high-tech computer-generated systems.

The courses offered in this certificate are broad and varied, allowing students to personalize course groupings to best enhance their major and area of interest.

HOW TO GET IN

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All undergraduate are eligible to apply, except students pursuing textiles and fashion design major. Connect with an Academic Advisor (<https://advising.humanecology.wisc.edu/>) for application information.

REQUIREMENTS

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Code	Title	Credits
Science and Culture		
Select one course:		3
DS 251	Textile Science	
DS 355	History of Fashion, 1400-Present	
DS 430	History of Textiles	
DS 561	Textiles: Specifications and End Use Analysis	
Studio		
Select one course:		2-3
DS 101	Introduction to Textile Design	
DS 153	Sewn Construction I	
DS 154	Sewn Construction II	
DS 215	Patternmaking for Accessories	
DS 227	Textile Design: Printing and Dyeing I	
DS 228	Textile Embellishment I	
DS/ART 229	Textile Design: Weaving I	
DS 327	Textile Design: Manual/Computer Generated Imagery and Pattern	

DS 427	Textile Design: Printing and Dyeing II
DS 429	Textile Design: Weaving II
DS 451	Color Theory and Technology
DS/COMP SCI/ I SY E 518	Wearable Technology
DS 519	Collection Development
DS 527	Global Artisans
DS 528	Experimental Textile Design
DS 529	Building a Sustainable Creative Practice
DS 570	Design and Fashion Event Management

Electives

Other courses from either Science and Culture or Studio lists (above) to reach 12 credits.

Total Credits 12

Students must earn a minimum 2.0 GPA on required certificate coursework. Completed courses listed within the certificate curriculum, whether or not they meet a specific requirement, are included in the calculation of the GPA.

CERTIFICATE COMPLETION REQUIREMENT

This undergraduate certificate must be completed concurrently with the student's undergraduate degree. Students cannot delay degree completion to complete the certificate.

LEARNING OUTCOMES

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1. Demonstrate understanding of fiber properties, structure, techniques and construction.
2. Analyze historical, cultural, economic, technological and/or societal role of textiles.
3. Students will develop a sensitivity and awareness of material properties through hands-on learning.
4. Gain understanding of the creative process by envisioning and implementing original projects.

ADVISING AND CAREERS

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The Advising & Career Center (ACC) fosters undergraduate students' personal, academic, and professional development. Through advising, academic planning, and career education, we support students as they navigate the college experience—from exploring our majors as prospective students to becoming Human Ecology alumni.

Academic Advising

Each Human Ecology student is assigned to an academic advisor in the Advising & Career Center. Human Ecology academic advisors support academic and personal success by partnering with current and prospective Human Ecology students as they identify and clarify their educational

goals, develop meaningful academic plans, and pursue their own Wisconsin Experience.

To explore academic advising resources or schedule an appointment with Human Ecology academic advisor, visit Academic Advising in Human Ecology (<https://advising.humanecology.wisc.edu/academics/scheduling/>).

Career Development

Each Human Ecology student is assigned to a career advisor in the Advising & Career Center. Active engagement in the career development process is a vital component of a student's personal growth in college and future success as a lifelong learner, professional, and global citizen. Human Ecology career advisors help prepare students for life post-graduation through advising and integration of career readiness throughout our curriculum.

To explore career development resources or schedule an appointment with a Human Ecology career advisor, visit Career Development in Human Ecology (<https://advising.humanecology.wisc.edu/careers/scheduling/>).

RESOURCES AND SCHOLARSHIPS

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The School of Human Ecology (SoHE) awards many merit and need-based scholarships each year. Students can learn more about these opportunities on the Human Ecology scholarships webpage (<https://humanecology.wisc.edu/academics/scholarships/>). To be eligible for these awards, scholarship recipients must be registered as full-time Human Ecology students. For further questions on the scholarship application, please contact the School of Human Ecology Scholarship Coordinator at scholarships@sohe.wisc.edu.

SUPPORT RESOURCES

Human Ecology students experiencing personal, academic, or financial challenges should contact SoHE Academic Deans Services (<https://advising.humanecology.wisc.edu/academic-dean-services/>). Additional campus resources include the Financial Aid Basic Needs website (<https://basicneeds.students.wisc.edu/>), Office of Student Assistance and Support (<https://osas.wisc.edu/>), and University Health Services (<https://www.uhs.wisc.edu/>).