

# DESIGN AND MERCHANDISING

## Courses

### DHM 1003 Design Theory and Processes for Design and Merchandising

**Prerequisites:** DHM majors and declared DHM minors only.

**Description:** Design elements, principles and processes applied to design and merchandising.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

### DHM 1101 Wicked Problems of Industrial Practice

**Description:** An overview of the complex and seemingly unsolvable and ever-evolving environmental and social issues (wicked problems) of today's industrial practice. A brief introduction to sustainable design theory is also provided.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

### DHM 1103 Basic Apparel Assembly

**Prerequisites:** DHM major only or declared DHM minor or HDFS (Family and Consumer Sciences Education option) major.

**Description:** Basic apparel assembly techniques. Problems including basic fit, spreading and cutting methods and equipment, and use and application of sewing equipment, including lock, chain, and overedge. Previously offered as CTM 1103.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

### DHM 1123 Graphics for Interior Design I

**Prerequisites:** DHM major.

**Description:** Drafting and visual communication techniques related to interiors.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

### DHM 1433 Fundamentals of the Fashion Industry

**Description:** An overview of variables affecting production and distribution of consumer goods; development of present structure in consumer products industries. Course previously offered as CTM 2433 and DHM 2433.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

### DHM 1993 Communications and Presentation Techniques for Apparel Design

**Prerequisites:** DHM 1003 with a minimum grade of C.

**Description:** Creative communication methods and techniques, including a variety of media for two- and three-dimensional presentations in apparel design. Previously offered as DHM 2993.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Design & Merchandising

### DHM 2003 Problem Solving Strategies

**Description:** Participatory problem solving in design and merchandising; critique of proposed solutions as a positive process of evaluation.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

### DHM 2023 Commercial Styling for Merchandisers

**Prerequisites:** Grade of "C" or better in DHM 1003, Fashion Merchandising majors and minors only. Taking ENGL 2513 is recommended.

**Description:** Introduction to commercial styling for web and print media, including basic concepts in photography. Products are styled for digital and print merchandising applications.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

### DHM 2073 Computer-Aided Design for Interior Design

**Prerequisites:** Permission of Instructor and Pass Proficiency Review and minimum grade of C in both DHM 1123 and DHM 2233.

**Description:** Computer-aided design and drafting for two-dimensional and three-dimensional interior systems. Previously offered as DHM 3373 and HICD 3373.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

### DHM 2103 Interior Design Studio I: Residential

**Prerequisites:** Permission of Instructor and Pass Proficiency Review and a minimum grade of C in DHM 1123 and DHM 2233 and MATH 1513 or MATH 1583 or MATH 1613 and ENGL 1113.

**Description:** Studio course utilizing the design process in the analysis and planning of residential environments using computer-aided and hand drafting techniques. Previously offered as DHM 3263 and HICD 3263.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 2204 Intermediate Apparel Assembly**

**Prerequisites:** DHM 1103 with minimum grade of "C".  
**Description:** Development of skill in apparel assembly. Intermediate problems in fit, spreading, cutting, and sequencing of apparel assembly operations for lined garments, plaids, other special fabrics and closures. Course previously offered as DHM 2203 and CTM 2203.  
**Credit hours:** 4  
**Contact hours:** Lecture: 1 Lab: 6 Contact: 7  
**Levels:** Undergraduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design & Merchandising

**DHM 2212 Heritage of Dress I**

**Prerequisites:** 3 credit hours of history.  
**Description:** Survey of ancient to Baroque European modes of dress, as that clothing reflects the environment and cultural life of a people.  
**Credit hours:** 2  
**Contact hours:** Lecture: 2 Contact: 2  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Design & Merchandising

**DHM 2233 Graphics for Interior Design II**

**Prerequisites:** DHM 1123 with minimum grade of "C".  
**Description:** Applied creative solutions to visual communication formats and media; free-hand sketching, informational graphics, rendering techniques for product and material illustrations, floor plans, elevations and 3-D room interiors/architectural detailing.  
**Credit hours:** 3  
**Contact hours:** Lecture: 1 Lab: 4 Contact: 5  
**Levels:** Undergraduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design & Merchandising

**DHM 2263 Interior Design Studio II: Small Scale Contract**

**Prerequisites:** DHM 2073 and DHM 2103 with minimum grade of "C".  
**Description:** Analysis and planning of small office, hospitality and retail environments with emphasis on materials, lighting, codes and accessibility using computer-aided 2D drafting and 3D modeling techniques. Previously offered as DHM 3363 and HICD 3363.  
**Credit hours:** 3  
**Contact hours:** Lecture: 1 Lab: 4 Contact: 5  
**Levels:** Undergraduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design & Merchandising

**DHM 2302 Supervised Field Experience**

**Prerequisites:** DHM 2103 with minimum grade of "C".  
**Description:** Field experience in specialized residential, commercial and institutional design with both historic and contemporary elements.  
**Credit hours:** 2  
**Contact hours:** Lecture: 2 Contact: 2  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Design & Merchandising

**DHM 2403 Research Methods**

**Prerequisites:** MATH 1483 or MATH 1513, with minimum grade of "C".  
**Description:** Qualitative and quantitative data collection methodologies for the fields of Apparel, Interior Design and Merchandising. Basic understanding of data analysis and use of data to guide managerial decision making.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Undergraduate  
**Schedule types:** Lecture  
**Department/School:** Design & Merchandising

**DHM 2423 Technology and Visual Communication for Merchandisers**

**Prerequisites:** Fashion Merchandising majors and minors only. DHM 1003 and DHM 1433, both with a minimum grade of "C".  
**Description:** The development of visual communication skills for marketing, promotional, and merchandising applications as well as personal branding utilizing industry-relevant technological practice.  
**Credit hours:** 3  
**Contact hours:** Lecture: 1 Lab: 4 Contact: 5  
**Levels:** Undergraduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design & Merchandising

**DHM 2444 Draping**

**Prerequisites:** DHM 2204 with "C" or higher and pass proficiency review.  
**Description:** Interpretation of garment design developed through the medium of draping on dress forms. Previously offered as DHM 2443, DHM 4243, and CTM 4243.  
**Credit hours:** 4  
**Contact hours:** Lecture: 1 Lab: 6 Contact: 7  
**Levels:** Undergraduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design & Merchandising

**DHM 2573 Textiles (LN)**

**Description:** Science principles as the basis for understanding fibers, the basic structure of yarns and fabrics. Relationships between the chemical composition of fibers and properties such as tensile strength, flammability, elasticity, moisture absorption, and dye affinity. Understanding science principles in relation to textile properties for evaluation of textile products. Recommended for education majors seeking knowledge to be used for innovative teaching of science principles in grades K-12. Required for all DHM majors. Previously offered as CTM 2573.  
**Credit hours:** 3  
**Contact hours:** Lecture: 2 Lab: 2 Contact: 4  
**Levels:** Undergraduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design & Merchandising  
**General Education and other Course Attributes:** Scientific Investigation, Natural Sciences

**DHM 2913 Sewn Product Quality Analysis**

**Prerequisites:** DHM 1433 and DHM 2573, both with minimum grade of "C".

**Description:** Sewn product manufacturing process with emphasis on evaluating product quality and its relationship to performance. Examined from the retailers', manufacturers', and consumers' perspectives. Course previously offered as DHM 2013.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3014 Flat Pattern Design**

**Prerequisites:** DHM 2444, MATH 1483 or MATH 1513, all with minimum grade of "C" and pass proficiency review.

**Description:** Interpretation of dress design developed through the medium of flat pattern; introduction to pattern drafting. Course previously offered as CTM 3013.

**Credit hours:** 4

**Contact hours:** Lab: 8 Contact: 8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Design & Merchandising

**DHM 3023 Computer-Aided Flat Pattern Design**

**Prerequisites:** DHM 3013 with minimum grade of "C" and pass proficiency review.

**Description:** Advanced apparel design problems using flat pattern and computer-aided design (CAD) techniques.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Design & Merchandising

**DHM 3033 Material Culture**

**Prerequisites:** DHM 3303 or DHM 3213 with a minimum grade of "C" or permission of instructor.

**Description:** An exploration of a variety of theoretical approaches toward understanding what objects mean. Psychological, sociological, economic, and other approaches are examined using culture theory models.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3053 Quality Analysis for Apparel Design**

**Prerequisites:** DHM majors only and DHM 1433, DHM 2204, and DHM 2573, all with a minimum grade of "C".

**Description:** Evaluation of product quality relating to target market, materials, and construction.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3103 Anthropometry and Ergonomics in Design**

**Prerequisites:** DHM 2403 with minimum grade of "C".

**Description:** Methods and principles for representing body size, fit, accommodation, proxemics, ease and product specific functionality to apparel, merchandising and built environment design.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3123 Advanced Technology for Apparel Design**

**Prerequisites:** DHM majors only and DHM 1993 and DHM 3023, both with a minimum grade of "C".

**Description:** Building on CAD skills using software as applied to apparel design and production. Development of technical packages and specification materials.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3173 Digital Design Communication**

**Prerequisites:** DHM 2073 with a minimum grade of "C".

**Description:** Introduction of digital media tools for 2D and 3D design visualization and presentation. Underlying concepts and techniques of computer applications for design communication.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 6

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Design & Merchandising

**DHM 3203 Functional Clothing Design**

**Prerequisites:** DHM 2573 and DHM 3014, both with a minimum grade of "C".

**Description:** Problem solving approach to functional clothing design for specialized market segments (athletic, sportswear, clothing for the physically challenged) including performance evaluation of selected materials using standard methods of textile testing. Previously offered as CTM 3203.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3213 Heritage of Dress II (H)**

**Prerequisites:** ENGL 1213 with minimum grade of "C" and 3 credit hours of history.

**Description:** Survey of historic modes of dress from the 18th to the 21st centuries, as that clothing reflects the environment and cultural life of a people, and change within the fashion industry. Previously offered as HICD 3213 and CTM 3213.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**General Education and other Course Attributes:** Humanities

**DHM 3233 Heritage of Interior Design I (H)**

**Prerequisites:** DHM 2103, DHM 2233 and ENGL 1213, all with a minimum grade of "C".

**Description:** Religious, civic, commercial, and domestic architecture and furnishings prior to and including the 18th Century with emphasis on the periods which have greatly influenced housing and interior design. Previously offered as HICD 3233.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**General Education and other Course Attributes:** Humanities

**DHM 3303 Materials and Finishes for Interior Design**

**Prerequisites:** DHM 2263 with minimum grade of "C" (Interior Design students) or DHM 2573 with minimum grade of "C" (Merchandising students).

**Description:** An overview and examination of interior materials and finishes. Previously offered as DHM 2303 and HICD 3303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3343 Interior Design Studio III: Interior Components and Construction Documents**

**Prerequisites:** DHM 2263 with minimum grade of "C".

**Description:** Studio course exploring the design, materials, construction and production of interior design components for small scale commercial projects using computer-aided and hand drafted documents and renderings for visualization of design solutions. Previously offered as DHM 2243, HICD 3243, and DHM 3243.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3423 Editorial Styling for Merchandisers**

**Prerequisites:** DHM 2423 with minimum grade of "C".

**Description:** The production of artful images and the editorial styling techniques that support this production. Create content for digital and print merchandising applications, with an emphasis on editorial layout and social media design. Previously offered as DHM 3422.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3433 Retail Strategies in the Digital Sector**

**Prerequisites:** DHM majors or declared DHM Minors or by permission of instructor, DHM 1433 and ECON 1113 or ECON 2103, all with a minimum grade of "C".

**Description:** Study and application of retail merchandising in a virtual format. Emphasis on retail strategies and their impact on consumer experience in digital markets.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3453 Interior Design Studio IV: Environmental Design**

**Prerequisites:** DHM 3343 with minimum grade of "C".

**Description:** Exploration of the design factors and human performance criteria for lighting, acoustics, and thermal/atmospheric comfort and their applications in studio projects using computer-aided and hand drafted techniques. Previously offered as DHM 3253 and HICD 3253.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3533 Textile Surface Design**

**Prerequisites:** DHM 1003 and DHM 2573 and DHM 1993 or DHM 2423, all with minimum grade of "C".

**Description:** Traditional and contemporary dyeing, printing, stitching, and other textile surface manipulation techniques are practiced in a portfolio of individual projects. Exercises in color theory and production inform textile design work. Aesthetic, methodological, and environmental tradeoffs are considered in relation to designing textile surfaces. Course previously offered as CTM 3533.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3553 Profitable Merchandising Analysis**

**Prerequisites:** MATH 1483 or MATH 2103 or MATH 1513, all with minimum grade of "C".

**Description:** Relationship analysis of profit and loss statement. Retail mathematical calculations necessary to plan and control merchandising results, open-to-buy, mark-up, mark-down, turn-over, stock-sales ratio. Initial development of a six-month buying plan.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3563 Merchandise Acquisition and Allocation**

**Prerequisites:** DHM 3433 and DHM 3553, both with minimum grade of "C".

**Description:** In-depth study of buying and distributing merchandise.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3823 Professional Practices for Interior Design**

**Prerequisites:** DHM 2263 with minimum grade of "C".

**Description:** Specific terminology, procedures, relationships and ethics pertaining to the organization and conduct of interior design practice globally. Previously offered as HICD 3823.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3853 Visual Merchandising**

**Prerequisites:** "C" or better in DHM 2423.

**Description:** Study and application of principles and practices in merchandise presentation for commercial purposes. Course previously offered as CTM 3853.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 3881 Interior Design Pre-Internship Seminar**

**Prerequisites:** DHM majors only. DHM 2073 and DHM 3343 and DHM 3823 and HS 1112 or HS 3112, all with minimum grade of "C", Junior standing, and 2.5 major GPA.

**Description:** Preparation for obtaining and completing a directed practical experience in a work situation in the interior design field.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3991 Pre-Internship Seminar**

**Prerequisites:** ADP option: DHM 1003 or DHM 2003 or DHM 2573 and DHM 3123. MERC option: DHM 1003 and DHM 2003 and DHM 2573 and DHM 3433. ID option: DHM 2073 and DHM 3343 and DHM 3823. All options: DHM majors only. HS 1112 or HS 3112 and 2.5 major GPA.

**Description:** Preparation for obtaining a directed practical experience in a work setting related to design or merchandising. Previously offered as CTM 3991.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 3994 Professional Internship in Merchandising or Apparel Design and Production**

**Prerequisites:** DHM majors only and DHM 3991 and (merchandising students) DHM 3553 and DHM 3853 or (apparel design and production students) DHM 3023 and DHM 3123, all with minimum grade of "C"; and HS 1112 or HS 3112.

**Description:** Directed practical experience in an approved work situation related to the fashion industry. Course previously offered as DHM 3994.

**Credit hours:** 4

**Contact hours:** Contact: 4 Other: 4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 4001 Design and Merchandising Speakers Colloquium**

**Description:** Seminars presented by distinguished industry professionals. Current issues and implications for the future of apparel and interiors.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4010 Fashion Show Production**

**Description:** Focus on fashion show production and promotion. Event management and public relation skills will be developed in the context of organizing a fashion show that highlights original student design work. Leadership and group interaction skills will be emphasized. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4011 Post-Internship Seminar**

**Prerequisites:** DHM majors only, DHM 3994.

**Description:** Study and comparison of student work experiences. Individual student conferences, review of merchant supervisor reactions. Previously offered as CTM 4011.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4013 Advanced Visual Communication for Merchandisers**

**Prerequisites:** Grade of "C" or better in DHM 3853, Fashion Merchandising majors or minors only.

**Description:** Advanced visual communication skills for marketing, promotional, and merchandising applications as well as personal branding utilizing industry-relevant technology practice.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 4021 Sustainability in the Built Environment**

**Prerequisites:** DHM 1101 recommended.

**Description:** Sustainability requirements and design techniques of the USGBC LEED rating system to prepare students to take the LEED Green Associates exam.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4023 Advanced Retail Strategies for Merchandisers**

**Prerequisites:** Grade of "C" or better in DHM 3563, or instructor permission to enroll for non-DHM majors.

**Description:** Students will use a combination of small to large quantitative data sets from the merchandising industry to support managerial decision making. Dashboard visualization software based analytical problem-solving approaches will be explored throughout the course. The goal of the course is to strengthen students' analytical skills while learning effective ways to present quantitative information to diverse industry stakeholders.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4031 Empathic Design**

**Description:** Exploration of a socially-oriented approach to sustainable design. Learners "step into" the lives of socially constructed groups in the U.S. to develop empathy and perform hands-on research and design. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5031.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4040 International Studies in Design, Housing and Merchandising**

**Description:** Selected areas of international study in Design, Housing and Merchandising. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Lecture: 1-6 Contact: 1-6

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4041 Triple Bottom Line Analysis**

**Description:** Quantitative analysis and evaluation of the economic, environmental, and social costs associated with industry practice. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5041.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4050 Biomimetic Industrial Practices**

**Prerequisites:** Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course.

**Description:** Exploration of sustainable solutions to challenges imposed by human beings through emulation of principles inherent in how nature works with an emphasis on applications in design. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5051 or DHM 5050. Previously offered as DHM 4051. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4061 Active Design**

**Description:** Principles of design of products and human-built environments that encourage physical activity, improving the health of individuals, communities, and the planet. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4071 Communicating Sustainable Practices**

**Description:** Exploration of the variety of ways in which designers and merchandisers communicate sustainability product and service features, including an examination of regulatory oversight and other mechanisms that support transparency such as certification, labeling, and reporting. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5071.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4081 Design Activism**

**Description:** Exploration of theories for social and environmental justice addressing designers' and merchandisers' roles as positive change agents. Focus on theories and applied methods demonstrating activism as a catalyst to reinvigorate the social practice of design and merchandising. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5081.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4091 Sustainable Materials Flows**

**Description:** Introduction to the design philosophy that biological and technical waste can be recycled indefinitely to feed the manufacturing industry. Case studies of practical applications. Challenges and rewards regarding implementation of the design principles. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5091.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4111 Ethics for a Sustainable World**

**Description:** Exploration of ethical dilemmas and decision-making criteria in design and merchandising practice. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5111.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4121 Sustainable Textile Innovation**

**Description:** Examines the current practices that are detrimental to the global environment at different stages of textile production (i.e. fiber, yarn, fabrics, apparel, and interior furnishing production). This includes the exploration of the impact of technological developments on the environment, and current industry initiatives. Regulatory guidelines and voluntary certifications pertaining to textile innovation are introduced. Basic understanding of textile production is recommended. May not be used for degree credit with DHM 5121.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4131 Spirituality and Sustainability**

**Prerequisites:** DHM 1101.

**Description:** The development of human belief, including one's awareness of their connection to something larger than themselves, and how belief influences one's habits and practices, in light of the ecological crisis. A range of spiritual perspectives including "eco-spirituality," "eco-justice," and "creation care" that inform ecological practice in the U.S. are examined. An exploration of the spiritual dimensions of daily life are emphasized in the course, offering a personal exploration of one's own beliefs and sense of spirituality.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4141 Life Cycle Analysis in Design and Merchandising**

**Description:** Principles and application of Life Cycle Assessment (LCA) technique for products, processes, and activities. Analyses of energy and material inputs and outputs and their impact on the environment and human health; implications for decision-making. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5141.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4143 Design for Special Needs**

**Description:** Problems and alternative solutions for apparel and interiors for special groups, e.g., the aging, children, the handicapped, special markets. Includes field study or design problem. Previously offered as HICD 4143.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4151 Sustainable Consumption**

**Description:** An exploration of principles and concepts of sustainable consumption and analysis of the application of sustainability in consumers' daily lives. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 5151.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4153 Pre-Production Processes**

**Prerequisites:** DHM majors only and DHM 3123 and DHM 3053, both with a minimum grade of "C".

**Description:** Understanding and applying pre-production strategies for apparel related products. Includes design for production, with technical design applications including CAD marker pattern making, material utilization, production simulation, 3D modeling and costing. Previously offered as DHM 3153 and CTM 3153.

**Credit hours:** 3

**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 4161 Biophilic Design**

**Prerequisites:** The completion of DHM 1101 Wicked Problems of Industrial Practice is recommended.

**Description:** A brief introduction to Biophilic Design as an approach to designing. Learn how to build environments while improving connectivity to natural environments through the use of nature directly and indirectly, along with space and place conditions. Health, environmental and economic benefits to individuals will also be discussed.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4163 Housing in Other Cultures**

**Description:** Housing and interior design and expressions of cultural beliefs, attitudes, family patterns and environmental influences. Previously offered as HICD 4163.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4264 Interior Design Studio V: Large Scale Commercial**

**Prerequisites:** DHM 3453 and DHM 4373 and DHM 4824, all with a minimum grade of "C".

**Description:** Analysis of large scale office planning and institution design including systems and specifications and emphasizing computer-aided design techniques for construction documents and presentations. Previously offered as DHM 4263 and HICD 4293.

**Credit hours:** 4

**Contact hours:** Lab: 8 Contact: 8

**Levels:** Undergraduate

**Schedule types:** Lab

**Department/School:** Design & Merchandising

**DHM 4294 Interior Design Studio VI - Capstone****Prerequisites:** DHM 4264 with a minimum grade of "C".**Description:** Studio course utilizing the design process in the analysis and planning of hospitality design and/or institutional design such as health care and education. Approaches include the consideration of the impact on facility management. Previously offered as DHM 4293 and HIDD 4293.**Credit hours:** 4**Contact hours:** Lab: 8 Contact: 8**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Design & Merchandising**DHM 4323 Heritage of Interior Design II (I)****Description:** Exploration of the architecture, interiors and furnishings of a variety of structures. Residential, commercial, governmental, institutional, and recreational buildings of different cultures of the 19th and 20th centuries. Previously offered as HIDD 3333 and HIDD 4323.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**General Education and other Course Attributes:** International Dimension**DHM 4373 Advanced Computer-Aided Design for Interior Design****Prerequisites:** DHM 2073, with a minimum grade of "C".**Description:** Advanced computer-aided design and visualization for three-dimensional interior systems.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Design & Merchandising**DHM 4403 Advanced Apparel Design****Prerequisites:** DHM 2444 and DHM 3023, with a minimum grade of "C".**Description:** Application of design and pattern-making principles and apparel assembly processes in the development of original designs. Course previously offered as CTM 4403.**Credit hours:** 3**Contact hours:** Lab: 6 Contact: 6**Levels:** Undergraduate**Schedule types:** Lab**Department/School:** Design & Merchandising**Additional Fees:** DHM Course Field Trip fee of \$49.50 applies.**DHM 4433 Facility Management and Design****Description:** Survey of nine competency areas of facility management and design, ensuring functionality of the built environment by integrating people, places, processes and technology.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 4453 Product Development Process****Prerequisites:** ECON 1113 or ECON 2103, with a minimum grade of "C".**Description:** The processes for new product development targeted to a specific market of consumers for start-up and established companies. Previously offered as CTM 4453.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 4503 Couture Techniques****Prerequisites:** DHM 2443, with a minimum grade of "C".**Description:** Advanced clothing construction techniques using couture methods.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Design & Merchandising**DHM 4523 Critical Issues in Design and Merchandising****Prerequisites:** Senior standing in major.**Description:** Capstone course examining professional issues in design and merchandising in the context of central themes from general education. Course previously offered as CTM 4523.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 4533 Diversity Issues in Facility Management and Design (D)****Description:** In-depth study of facility management and design issues focused on diversity in a variety of workplace types including: offices, retail stores, hotels, restaurants, government, educational and cultural institutions.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**General Education and other Course Attributes:** Diversity**DHM 4573 Sustainable Design for Apparel and Interiors****Prerequisites:** CHEM 1014 or equivalent, and DHM 2573, DHM 3033 and completed 90 hours. Non-DHM majors: no prerequisite.**Description:** A brief review of contemporary environmental, social and economic issues associated with industry practice; a broad exploration of sustainable design theories which may be applied in the apparel and interiors fields, from eco-efficiency to socially-driven changes.**Credit hours:** 3**Contact hours:** Lecture: 2 Lab: 2 Contact: 4**Levels:** Undergraduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Design & Merchandising



**DHM 4583 Sustainable Design Capstone**

**Prerequisites:** DHM 1101 with a minimum grade of "C" and Permission of Instructor.

**Description:** Work with community leaders and/or organizations to complete transdisciplinary service-learning projects that require the application of sustainable design concepts to solve local problems. Public dissemination of lessons learned.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 4810 Problems in Design, Housing and Merchandising**

**Prerequisites:** Consent of instructor.

**Description:** Selected areas of study in design, housing and merchandising. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 4824 Professional Internship**

**Prerequisites:** ADP option: DHM 3023 and DHM 3123. ID option: DHM 3453 and DHM 4373. Merch option: DHM 3553 and DHM 3853. All options: DHM majors only, 2.5 major GPA and DHM 3991.

**Description:** A supervised internship experience that simulates the responsibilities and duties of a practicing professional in a work situation related to design in merchandising. Previously offered as DHM 4820.

**Credit hours:** 4

**Contact hours:** Contact: 4 Other: 4

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 4850 Special Unit Course in Design, Housing and Merchandising**

**Description:** In-depth study of specific areas of design, housing and merchandising. Previously offered as HICD 4850. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 4893 Fundamentals of Medical Smart Garment Engineering**

**Prerequisites:** Completion of 90 credit hours.

**Description:** Students will gain elementary knowledge in focus areas of health science, biomedical sensing and analysis, and apparel design necessary to undertake the development of wearable electronic sensing systems. Lecture and laboratory systems. May not be used for degree credit with BIOM 6893, IEM 4893 or IEM 5893.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Undergraduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 4900 Honors Creative Component**

**Prerequisites:** College of Human Sciences Honors Program participation, senior standing.

**Description:** Guided creative component for students completing requirements for College Honors in the College of Human Sciences. Thesis, creative project or report under the direction of a faculty member in the major area, with second faculty reader and oral examination. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Contact: 1-3 Other: 1-3

**Levels:** Undergraduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**General Education and other Course Attributes:** Honors Credit

**DHM 4993 Global Sourcing Strategies**

**Prerequisites:** ECON 1113 or ECON 2103 or ECON 2203 with minimum grade of "C" and Senior standing.

**Description:** Broad multi-disciplinary study of the soft goods industries in the global economy.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Undergraduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5000 Master's Thesis**

**Prerequisites:** Graduate standing and consent of major professor.

**Description:** Research related directly to design, housing and merchandising for the master's thesis. Previously offered as CTM 5000. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 5001 Orientation to Graduate Studies in Design, Housing and Merchandising**

**Description:** Process of developing a graduate plan of study in the Department of Design, Housing and Merchandising. Fundamental skills needed for successful completion of a DHM graduate degree.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5003 Theoretical Perspectives for Design, Housing and Merchandising**

**Description:** A study of terminologies associated with theory. Exploration of key theories and their application to practice and research in design, housing and merchandising.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5010 Thesis Equivalency for Doctoral Students**

**Prerequisites:** Doctoral student standing and consent of supervising instructor and 5013 and STAT 5013, or equivalent courses.

**Description:** Research related directly to design, housing or merchandising, conducted for the purpose of removing a master's degree research thesis deficiency. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 5013 Research Developments in Design, Housing and Merchandising**

**Description:** Current methods and needs in research for design, housing and merchandising including the application and integration of research into design, housing and merchandising practice. Previously offered as DHM 5110.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5023 User-Centered Methods for Human Factors Research**

**Description:** A broad overview of Human Factors applications through the methods of User-Centered Design. Theories and methods that influence the assessment of physical, cognitive, social and psychological human factors and the analysis of user needs with application to designed processes, products and environments, explored through reading, lectures, discussion, case studies and course projects.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5031 Empathic Design**

**Description:** Exploration of a socially-oriented approach to sustainable design. Learners "step into" the lives of socially constructed groups in the U.S. to develop empathy and perform hands-on research and design. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4031.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5033 Foundations of Sustainability in Merchandising**

**Description:** Introduction to the theory, principles, and practices of sustainability. Examination of environmental, social, and economic sustainability at both the global and apparel and textile industry levels. Exploration of innovative practices and social change strategies for the furtherance of sustainability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5041 Triple Bottom Line Analysis**

**Description:** Quantitative analysis and evaluation of the economic, environmental, and social costs associated with industry practice. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4041.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5043 Technology in Apparel Retail and Consumer Experiences**

**Description:** A study of technology in the field of retail and consumer behavior. Examination of concepts, frameworks, theories, issues, and academic research in content areas.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5050 Biomimetic Industrial Practices**

**Description:** Exploration of sustainable solutions to challenges imposed by human beings through emulation of principles inherent in how nature works with an emphasis on applications in design. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4051 or DHM 4050. Offered for variable credit, 1-3 credit hours, maximum of 3 credit hours.

**Credit hours:** 1-3

**Contact hours:** Lecture: 1-3 Contact: 1-3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5061 Active Design**

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5071 Communicating Sustainable Practices**

**Description:** Exploration of the variety of ways in which designers and merchandisers communicate sustainability product and service features, including an examination of regulatory oversight and other mechanisms that support transparency such as certification, labeling, and reporting. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4071.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5073 Virtual and Augmented Reality Applications in Design, Housing and Merchandising**

**Description:** Technologies such as VR and AR and 3D printing, developed through a design, housing and merchandising emphasis. No coding or design background is required.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5081 Design Activism**

**Description:** Exploration of theories for social and environmental justice addressing designers' and merchandisers' roles as positive change agents. Focus on theories and applied methods demonstrating activism as a catalyst to reinvigorate the social practice of design and merchandising. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4081.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5091 Sustainable Materials Flows**

**Description:** Introduction to the design philosophy that biological and technical waste can be recycled indefinitely to feed the manufacturing industry. Case studies of practical applications. Challenges and rewards regarding implementation of the design principles. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4091.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5111 Ethics for a Sustainable World**

**Description:** Exploration of ethical dilemmas and decision-making criteria in design and merchandising practice. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4111.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5112 Research Planning and Proposal Writing**

**Description:** Fundamentals of planning and completing qualitative and quantitative research projects, including writing the proposal.

**Credit hours:** 2

**Contact hours:** Lecture: 2 Contact: 2

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5113 Theories of Creative Process in Design and Merchandising**

**Description:** A study of the creative processes used in art, science, business and hybrid disciplines, with application to design and merchandising.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5121 Sustainable Textile Innovation**

**Description:** Examines the current practices that are detrimental to the global environment at different stages of textile production (i.e. fiber, yarn, fabrics, apparel, and interior furnishing production). This includes the exploration of the impact of technological developments on the environment and current industry initiatives. Regulatory guidelines and voluntary certifications pertaining to textile innovation are introduced. Basic understanding of textile production process is recommended. May not be used for degree credit with DHM 4121.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5123 Foundations in Sustainability in Apparel & Textiles**

**Description:** Introduction to the theory, principles, and practices of sustainability. Examination of environmental, social, and economic sustainability at both the global and apparel and textile industry levels. Exploration of innovative practices and social change strategies for the furtherance of sustainability.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5131 Spirituality and Sustainability**

**Description:** The development of human belief, including one's awareness of their connection to something larger than themselves, and how belief influences one's habits and practices, in light of an ecological crisis. A range of spiritual perspectives including "eco-spirituality," "eco-justice," and "creation care" that inform ecological practice in the U.S. are examined. An exploration of the spiritual dimensions of daily life are emphasized in the course, offering a personal exploration of one's own beliefs and sense of spirituality.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5141 Life Cycle Analysis in Design and Merchandising**

**Description:** Principles and application of Life Cycle Assessment (LCA) technique for products, processes, and activities. Analyses of energy and material inputs and outputs and their impact on the environment and human health; implications for decision-making. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4141.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5151 Sustainable Consumption**

**Description:** An exploration of principles and concepts of sustainable consumption and analysis of the application of sustainability in consumers' daily lives. Completion of DHM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DHM 4151.

**Credit hours:** 1

**Contact hours:** Lecture: 1 Contact: 1

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5173 Advanced Digital Design Communication**

**Description:** Evidence-based design/research informed design through 2D and 3D visualization and presentation. Students will apply 3D and 2D visualization and simulations skills to real world situations through a scientific approach.

**Credit hours:** 3

**Contact hours:** Lab: 6 Contact: 2

**Levels:** Graduate

**Schedule types:** Lab

**Department/School:** Design & Merchandising

**DHM 5240 Master's Creative Component**

**Prerequisites:** Consent of major professor and department head.

**Description:** An in-depth design application of theoretical design models and philosophies. A maximum of six hours to be used by graduate students following Plan III for the master's degree. Previously offered as HICD 5240. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 5303 Sociological, Psychological and Economic Aspects of Consumer Behavior**

**Description:** Analysis and integration of social, psychological and economic theories related to consumer acquisition of products. Application and testing of these theories as appropriate to apparel and interior consumption processes. Previously offered as DHM 6303.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5343 Applied Sensation, Perception and Behavioral Psychology in DHM**

**Prerequisites:** DHM 5013.

**Description:** Human sensation, perception and behavior in the areas of technology/product development, the built environment, social change and consumer behavior. Previously offered as HICD 5343.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5353 Graduate Interior Design Studio**

**Prerequisites:** Consent of instructor.

**Description:** Studio course exploring alternative, research-based design solutions for selected interior environments.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5360 Advanced Studies in Design, Housing and Merchandising**

**Description:** Investigation into special areas in the fields of design, housing and merchandising. Previously offered as HICD 5360. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 5363 Color Theories and Applications for Apparel and Interiors**

**Prerequisites:** Nine hours in DHM graduate courses or consent of instructor.

**Description:** Survey of color theories as they apply to the physical, psychological, and aesthetic aspects of apparel and interiors.

**Credit hours:** 3

**Contact hours:** Lecture: 3 Contact: 3

**Levels:** Graduate

**Schedule types:** Lecture

**Department/School:** Design & Merchandising

**DHM 5373 Topics in Building Information Modeling**

**Description:** An introduction to Revit Architecture and discussion of advanced topics on Building Information Modelling.

**Credit hours:** 3

**Contact hours:** Lecture: 2 Lab: 2 Contact: 4

**Levels:** Graduate

**Schedule types:** Lab, Lecture, Combined lecture and lab

**Department/School:** Design & Merchandising

**DHM 5440 Career Internship**

**Prerequisites:** Consent of instructor and department head.

**Description:** An individualized career-oriented internship. Selected learning experiences in approved work situations in industry, government, education or research institutions related to design, housing or merchandising. Previously offered as CTM 5440. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-6

**Contact hours:** Contact: 1-6 Other: 1-6

**Levels:** Graduate

**Schedule types:** Independent Study

**Department/School:** Design & Merchandising

**DHM 5533 Theory and Design of Functional Apparel****Prerequisites:** DHM 2573, DHM 3013, DHM 5013, or consent of instructor.**Description:** A holistic approach to the study of apparel design with an emphasis on integrating knowledge of the needs and functions of the individual, the structural properties of textiles and apparel design.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5623 Professional Advancement in Merchandising****Description:** Analysis of leadership and how it affects organizational culture and change through a prism of past and current experiences.

Various leadership styles examined and a personal leadership philosophy developed for professional advancement in merchandising. Web-based instruction.

**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5633 Product Design, Development and Evaluation****Description:** Advanced study of issues and management strategies necessary to design and produce a competitively priced product. Examination of the role of globalization and rapidly changing technology on the development of a successful product. Web-based instruction.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5643 Promotional Strategies in Merchandising****Description:** Examination of integrated marketing communications (i.e., promotional strategies and techniques) while fostering cultural and global awareness, social responsibility and ethical decision-making in the field of promotion. Web-based instruction.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5663 International Merchandising Management****Prerequisites:** Merchandising or business courses or consent of the instructor.**Description:** Comprehensive understanding of theory, practices, and trends in international merchandising management. An analysis of global retail systems and the way goods are distributed to consumers in various countries.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5673 Financial Merchandising Implications****Description:** Advanced study of financial trends in the merchandising industries; implications related to sole proprietors, partnerships, franchises, S corporations, and C corporations. Foci will be on the financial implications of recent advances in the field that assist graduate students as they embark on careers in academic and/or the merchandising industries. Web-based instruction.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5683 Strategic Planning for the Merchandising Executive****Description:** Examination of the merchandising executive planning process utilized to develop successful corporate strategies. Emphasis on the importance of a market orientation for building customer value and sustaining a competitive advantage. Web-based instruction.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5693 Retail Analytics****Description:** Learn advanced data analysis techniques in Microsoft Excel. Develop strategies for managing the flow of goods in the supply chain with no emphasis on forecasting, pricing, managing customer relationships, retail inventory and revenue in the fashion merchandising industry.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 5810 Problems in Design, Housing and Merchandising****Prerequisites:** Consent of instructor and department head.**Description:** Individual and group investigations and discussions of special problems in the various phases of design, housing and merchandising. Previously offered as CTM 5810. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Design & Merchandising**DHM 5830 DHM Seminar****Prerequisites:** Consent of Instructor.**Description:** A selected group of current issues in design, housing and merchandising. Course previously offered as HIDC 5830. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Design & Merchandising

**DHM 5963 Case Studies in Medical Smart Garment****Prerequisites:** DHM 4893 or consent of instructor.**Description:** Advanced training course designed to activate critical thinking skills needed for problem solving in wearable sensing system development. Same course as BIOM 5963.**Credit hours:** 3**Contact hours:** Lecture: 1 Lab: 4 Contact: 5**Levels:** Graduate**Schedule types:** Lab, Lecture, Combined lecture and lab**Department/School:** Design & Merchandising**DHM 5983 Category Management in Merchandising****Description:** The application of category management strategies using industry software with emphasis on product selection, shelf merchandising, promotion and pricing.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 6000 Doctoral Dissertation****Prerequisites:** Completion of a master's research thesis or thesis equivalency and consent of major instructor.**Description:** Research in design, housing and merchandising for the PhD degree. Previously offered as CTM 6000. Offered for variable credit, 1-12 credit hours, maximum of 30 credit hours.**Credit hours:** 1-12**Contact hours:** Contact: 1-12 Other: 1-12**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Design & Merchandising**DHM 6133 Research Methods in Design, Housing and Merchandising****Prerequisites:** DHM 5112 and DHM 5013 or equivalent and six credits of graduate level statistics.**Description:** Survey and discussion of research methods, experiences in research design and analysis of data. Previously offered as CTM 6133.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 6363 Anthropometry and Ergonomics in DHM****Prerequisites:** Graduate standing and DHM 6133 or equivalent.**Description:** Variability of human body measurements and their relationships (body shape) as determinants for product design. Theory and practice of anthropometry and ergonomics (human factors) as applied to apparel and/or interior design. Comfort, performance, health, and safety issues in product design for men, women, children, and special populations.**Credit hours:** 3**Contact hours:** Lecture: 2 Contact: 3 Other: 1**Levels:** Graduate**Schedule types:** Discussion, Combined lecture & discussion, Lecture**Department/School:** Design & Merchandising**Additional Fees:** DHM Facility Equipment fee of \$15 per credit hour applies.**DHM 6403 Merchandising Theory Application and Strategy Implementation****Prerequisites:** DHM 5653.**Description:** Integration of marketing, merchandising, and management theories, strategies, models, and frameworks. Application of theories and implementation of strategies relevant to apparel and interior industries.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DHM 6410 Independent Study in Design, Housing and Merchandising****Prerequisites:** Consent of instructor.**Description:** Selected areas of design, housing and merchandising for advanced graduate students working toward the doctorate degree.

Previously offered as HICD 6410. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.

**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Design & Merchandising**DHM 6810 Advanced Problems in Design, Housing and Merchandising****Prerequisites:** Consent of instructor and department head.**Description:** Intensive individual or small-group study of problems in various areas of design, housing and merchandising for advanced graduate students who are working toward doctorate degrees. Previously offered as CTM 6810. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours.**Credit hours:** 1-6**Contact hours:** Contact: 1-6 Other: 1-6**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Design & Merchandising**DHM 6830 DHM Seminar****Prerequisites:** Consent of instructor.**Description:** Problems and recent developments in design, housing and merchandising. Previously offered as HICD 6830. Offered for variable credit, 1-3 credit hours, maximum of 6 credit hours.**Credit hours:** 1-3**Contact hours:** Contact: 1-3 Other: 1-3**Levels:** Graduate**Schedule types:** Independent Study**Department/School:** Design & Merchandising