

DESIGN & MERCHANDISING (DM)

DM 1003 Design Theory and Processes for Design and Merchandising

Prerequisites: DM/DHM majors and declared DM/DHM minors only.

Description: Design elements, principles and processes applied to design and merchandising. Previously offered as DHM 1003.

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

DM 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. Previously offered as DHM 1101.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 1103 Basic Apparel Assembly

Prerequisites: DHM or DM major only or declared DHM or DM 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 and DHM 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

DM 1123 Graphics for Interior Design I

Prerequisites: DHM or ADT or FM or ID major.

Description: Drafting and visual communication techniques related to interiors. Previously offered as DHM 1123.

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

DM 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

DM 1993 Communications and Presentation Techniques for Apparel Design

Prerequisites: DM 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 1993 and DHM 2993.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 2003 Problem Solving Strategies

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

Previously offered as DHM 2003

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 2023 Commercial Styling for Merchandisers

Prerequisites: Grade of "C" or better in DM 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. Previously offered as DHM 2023.

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

DM 2033 VR and AR for Social Change

Description: Focus on using and applying Virtual Reality (VR) and Augmented Reality (AR) technology through a multidisciplinary approach to solving current societal problems by applying social science practices with innovative technology. How to develop 3D content, and apply these components effectively in VR/AR, form teams, and develop VR projects proposed by current events and conditions of the world. Turn your creative ideas into useful applications. This is a beginner-level course and is open to all students. No prior coding or design experience is required.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 2073 Computer-Aided Design for Interior Design

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

Description: Computer-aided design and drafting for two-dimensional and three-dimensional interior systems. Previously offered as DHM 2073, DHM 3373 and HIDC 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

DM 2103 Interior Design Studio I: Residential

Prerequisites: Permission of Instructor and Pass Proficiency Review and a minimum grade of C in DM 1123 and DM 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 2103, DHM 3263 and HIDC 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

DM 2204 Intermediate Apparel Assembly

Prerequisites: DM 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, DHM 2204 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

DM 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. Previously offered as DHM 2212.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 2233 Graphics for Interior Design II

Prerequisites: DM 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. Previously offered as DHM 2233.

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

DM 2263 Interior Design Studio II: Small Scale Contract

Prerequisites: DM 2073 and DM 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 2263, DHM 3363 and HIDC 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

DM 2302 Supervised Field Experience

Prerequisites: DM 2103 with minimum grade of "C".

Description: Field experience in specialized residential, commercial and institutional design with both historic and contemporary elements. Previously offered as DHM 2302.

Credit hours: 2

Contact hours: Lecture: 2 Contact: 2

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 2403.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 2423 Technology and Visual Communication for Merchandisers

Prerequisites: Fashion Merchandising majors and minors only. DM 1003 and DM 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. Previously offered as DHM 2423.

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

DM 2444 Draping

Prerequisites: DM 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 2444, 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

DM 2573 Textile Science (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 AND DHM 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

DM 2913 Sewn Product Quality Analysis

Prerequisites: DM 1433 and DM 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 and DHM 2913.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3014 Flat Pattern Design

Prerequisites: DM 2444 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 and DHM 3014.

Credit hours: 4

Contact hours: Lab: 8 Contact: 8

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 3023 Computer-Aided Flat Pattern Design

Prerequisites: DM 3014 with minimum grade of "C" and pass proficiency review.

Description: Advanced apparel design problems using flat pattern and computer-aided design (CAD) techniques. Previously offered as DHM 3023.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 3033 Material Culture

Prerequisites: DM 3303 or DM 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. Previously offered as DHM 3033.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3043 Digital Product Creation

Prerequisites: DM 3023 with a final grade of "C" or higher

Description: Advance your 2D design skills with 3D digital creation. Understand the importance of the 3D software as it pertains to the apparel industry. Introduction to 3D software programs (BZW, CLO).

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3053 Quality Analysis for Apparel Design

Prerequisites: DM/DHM or ADT or FM majors only, and DM 1433, DM 2204, and DM 2573, all with a minimum grade of "C".

Description: Evaluation of product quality relating to target market, materials, and construction. Previously offered as DHM 3053.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3103 Anthropometry and Ergonomics in Design

Prerequisites: DM 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. Previously offered as DHM 3103.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3123 Advanced Technology for Apparel Design

Prerequisites: DHM or DM majors only and DM 1993 and DM 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. Previously offered as DHM 3123.

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

DM 3173 Digital Design Communication

Prerequisites: DM 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. Previously offered as DHM 3173.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 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 and DHM 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

DM 3233 Heritage of Interior Design I (H)

Prerequisites: DM 2103, DM 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 and DHM 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

DM 3303 Materials and Finishes for Interior Design

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

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

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3343 Interior Design Studio III: Interior Components and Construction Documents

Prerequisites: DM 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, DHM 3243, DHM 3343, and HICD 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

DM 3423 Editorial Styling for Merchandisers

Prerequisites: DM 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 and DHM 3423.

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

DM 3433 Retail Strategies in the Digital Sector

Prerequisites: DHM or DM majors or declared DHM or DM Minors or by permission of instructor, DM 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. Previously offered as DHM 3433.

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

DM 3453 Interior Design Studio IV: Environmental Design

Prerequisites: DM 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, DHM 3453 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

DM 3533 Textile Surface Design

Prerequisites: DM 1003 and DM 2573 and DM 1993 or DM 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 DHM 3533 and 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

DM 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. Previously offered as DHM 3553.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3563 Merchandise Acquisition and Allocation

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

Description: In-depth study of buying and distributing merchandise. Previously offered as DHM 3563.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3823 Professional Practices for Interior Design

Prerequisites: DM 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 DHM 3823 and HICD 3823.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 3853 Visual Merchandising**Prerequisites:** "C" or better in DM 2423.**Description:** Study and application of principles and practices in merchandise presentation for commercial purposes. Course previously offered as CTM 3853 and DHM 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**DM 3881 Interior Design Pre-Internship Seminar****Prerequisites:** DHM or DM majors only. DM 2073 and DM 3343 and DM 3823 and EDHS 1112 or EDHS 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. Previously offered as DHM 3881.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 3991 Pre-Internship Seminar****Prerequisites:** ADT/ADP option: DM 1003 or DM 2003 or DM 2573 and DM 3123. FMER/MERC option: DM 1003 and DM 2003 and DM 2573 and DM 3433. ID option: DM 2073 and DM 3343 and DM 3823. All options: DHM or DM majors only. EDHS 1112 or EDHS 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 and DHM 3991.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 3993 Global Sourcing Strategies****Prerequisites:** ECON 1113 or ECON 2103 or ECON 2203 with minimum grade of "C" and Junior standing.**Description:** Broad multi-disciplinary study of the soft goods industries in the global economy. Previously offered as DHM 4993.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 3994 Professional Internship in Merchandising or Apparel Design and Production****Prerequisites:** DHM or DM majors only and DM 3991 and (merchandising students) DM 3553 and DM 3853 or (apparel design and technology students) DM 3023 and DM 3123, all with minimum grade of "C" and EDHS 1112 or EDHS 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**DM 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. Previously offered as DHM 4010. 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**DM 4011 Post-Internship Seminar****Prerequisites:** DM majors only, DM 3994.**Description:** Study and comparison of student work experiences. Individual student conferences, review of merchant supervisor reactions. Previously offered as CTM 4011 and DHM 4011.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 4013 Advanced Visual Communication for Merchandisers****Prerequisites:** Grade of "C" or better in DM 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. Previously offered as DHM 4013.**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**DM 4023 Advanced Retail Strategies for Merchandisers****Prerequisites:** Grade of "C" or better in DM 3563, or instructor permission to enroll for non-DM 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. Previously offered as DHM 4023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Undergraduate**Schedule types:** Lecture**Department/School:** Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5031. Previously offered as DHM 4031.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4033 Digital Product Creation II

Prerequisites: DM 3043, with final grade of "C" or higher.

Description: Continue to improve your knowledge and proficiency in 3D with advance skills with avatars, materials, pattern creation, styling and simulations.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4040 International Studies in Design and Merchandising

Description: Selected areas of international study in Design and Merchandising. Offered for variable credit, 1-6 credit hours, maximum of 6 credit hours. Previously offered as DHM 4040.

Credit hours: 1-6

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

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4041 Triple Bottom Line Analysis

Description: Quantitative analysis and evaluation of the economic, environmental, and social costs associated with industry practice. Completion of DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5041. Previously offered as DHM 4041.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4043 Advanced Digital Product Creation

Prerequisites: DM 4033, with a final grade of "C" or higher.

Description: Determine your path to 3D garment creation with advanced 3D design knowledge. Increase your skill set in 3D with advanced rendering, garment construction and animating Avatars.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4050 Biomimetic Industrial Practices

Prerequisites: Completion of DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5050. Previously offered as DHM 4050 and 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

DM 4053 Capstone in DPC

Prerequisites: DM 4043, with a final grade of "C" or higher.

Description: Advance your skills and focus your individual path as an artist, designer and tech designer. As a technical designer it is important to have a grasp of the skills required. This course will expand on pattern and garment fit in relation to 3D and actual fit model. We will also expand on creating these garments in multi-sizes, garment construction, marker consumption and bill of materials.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. Previously offered as DHM 4061.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4063 Sustainability in the Built Environment

Prerequisites: Senior standing

Description: This course utilizes a project-based learning approach to educate students about sustainability requirements in the built environment. Students will learn to connect concepts to practical application through the integrative design process. Students will be prepared to sit for the LEED exam after successfully completing this course. Previously offered as DHM 4021.

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

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5071. Previously offered as DHM 4071.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5081. Previously offered as DHM 4081.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. May not be used for degree credit with DM 5091. Previously offered as DHM 4091.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4111 Ethics for a Sustainable World

Description: Exploration of ethical dilemmas and decision-making criteria in design and merchandising practice. Completion of DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5111. Previously offered as DHM 4111.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 5121. Previously offered as DHM 4121.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4131 Spirituality and Sustainability

Prerequisites: DM 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. Previously offered as DHM 4131.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5141. Previously offered as DHM 4141.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 HIDE 4143 and DHM 4143.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 5151. Previously offered as DHM 4151.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4153 Pre-Production Processes

Prerequisites: DHM or DM majors only and DM 3123 and DM 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, DHM 4153 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

DM 4161 Biophilic Design

Prerequisites: The completion of DM 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. Previously offered as DHM 4161.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4163 Housing in Other Cultures

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

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4203 Functional Clothing Design

Prerequisites: DM 2573 and DM 3123, 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 and DHM 3203.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4264 Interior Design Studio V: Large Scale Commercial

Prerequisites: DM 3453 and DM 4373 and DM 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, DHM 4264 and HIDC 4293.

Credit hours: 4

Contact hours: Lab: 8 Contact: 8

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 4294 Interior Design Studio VI - Capstone

Prerequisites: DM 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, DHM 4294 and HIDC 4293.

Credit hours: 4

Contact hours: Lab: 8 Contact: 8

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 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 HIDC 3333, HIDC 4323 and DHM 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

DM 4373 Advanced Computer-Aided Design for Interior Design

Prerequisites: DM 2073, with a minimum grade of "C".

Description: Advanced computer-aided design and visualization for three-dimensional interior systems. Previously offered as DHM 4373.

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

DM 4403 Advanced Apparel Design

Prerequisites: DM 2444 and DM 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 and DHM 4403.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Undergraduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 4433.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 and DHM 4453.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4503 Couture Techniques

Prerequisites: DM 2444, with a minimum grade of "C".

Description: Advanced clothing construction techniques using couture methods. Previously offered as DHM 4503.

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

DM 4523 Critical Issues in Design and Merchandising

Prerequisites: Senior standing in DHM/DM 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 and DHM 4523.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 4533.

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

DM 4573 Sustainable Design for Apparel and Interiors

Prerequisites: CHEM 1014 or equivalent, and DM 2573, DM 3033 and Senior standing. Non DM 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. Previously offered as DHM 4573.

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

DM 4583 Sustainable Design Capstone

Prerequisites: DM 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. Previously offered as DHM 4583.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Undergraduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 4810 Problems in Design and Merchandising

Prerequisites: Consent of instructor.

Description: Selected areas of study in design and merchandising. Previously offered as DHM 4810. 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

DM 4824 Professional Internship

Prerequisites: ADP option: DM 3023 and DM 3123. ID option: DM 3453 and DM 4373. Merch option: DM 3553 and DM 3853. All options: DHM or DM majors only, 2.5 major GPA and DM 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 and DHM 4824.

Credit hours: 4

Contact hours: Contact: 4 Other: 4

Levels: Undergraduate

Schedule types: Independent Study

Department/School: Design & Merchandising

DM 4850 Special Unit Course in Design and Merchandising

Description: In-depth study of specific areas of design and merchandising. Previously offered as HIDC 4850 and DHM 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

DM 4893 Fundamentals of Medical Smart Garment Engineering**Prerequisites:** Senior standing or higher.**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. Previously offered as DHM 4893.**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**DM 4900 Honors Creative Component****Prerequisites:** College of Education and Human Sciences Honors Program participation, senior standing.**Description:** Guided creative component for students completing requirements for College Honors in the College of Education and 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. Previously offered as DHM 4900. 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**DM 5000 Master's Thesis****Prerequisites:** Graduate standing and consent of major professor.**Description:** Research related directly to design and merchandising for the master's thesis. Previously offered as CTM 5000 and DHM 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**DM 5001 Orientation to Graduate Studies in Design and Merchandising****Description:** Process of developing a graduate plan of study in the Department of Design and Merchandising. Fundamental skills needed for successful completion of a DM graduate degree. Previously offered as DHM 5001.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 5003 Theoretical Perspectives for Design and Merchandising****Description:** A study of terminologies associated with theory. Exploration of key theories and their application to practice and research in design and merchandising. Previously offered as DHM 5003.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 5010 Thesis Equivalency for Doctoral Students****Prerequisites:** Doctoral student standing and consent of supervising instructor and DM 5013 and STAT 5013, or equivalent courses.**Description:** Research related directly to design or merchandising, conducted for the purpose of removing a master's degree research thesis deficiency. Previously offered as DHM 5010. 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**DM 5013 Research Developments in Design and Merchandising****Description:** Current methods and needs in research for fashion design, interior design and merchandising including the application and integration of research into fashion design, interior design and merchandising practice. Previously offered as DHM 5110 and DHM 5013.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 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. Previously offered as DHM 5023.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4031. Previously offered as DHM 5031.**Credit hours:** 1**Contact hours:** Lecture: 1 Contact: 1**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising**DM 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. Previously offered as DHM 5033.**Credit hours:** 3**Contact hours:** Lecture: 3 Contact: 3**Levels:** Graduate**Schedule types:** Lecture**Department/School:** Design & Merchandising

DM 5041 Triple Bottom Line Analysis

Description: Quantitative analysis and evaluation of the economic, environmental, and social costs associated with industry practice. Completion of DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4041. Previously offered as DHM 5041.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5043.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 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

DM 5061 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4061. Previously offered as DHM 5061.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4071. Previously offered as DHM 5071.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5073 Virtual and Augmented Reality Applications in Design and Merchandising

Description: Technologies such as VR and AR and 3D printing, developed through a design and merchandising emphasis. No coding or design background is required. Previously offered as DHM 5073.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4081. Previously offered as DHM 5081.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5083 Advanced Virtual and Augmented Reality for Social Change

Description: Explores evidence-based design/research informed design through the use and application of Virtual Reality (VR) and Augmented Reality (AR) technology using a multidisciplinary approach to solve current societal problems by applying social science practices with innovative technology. Learn how to develop 3D content, and apply these components effectively in VR/AR, form teams, and develop VR projects proposed by current events and conditions of the world. Turn your creative ideas into useful applications. No prior coding or design experience required. Same course as EDTC 5703.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Graduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4091. Previously offered as DHM 5091.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5093 Proposal Writing

Prerequisites: DM 5013, with a minimum final grade of "C".

Description: Fundamentals of planning for a research project with an emphasis on the development of literature review. Previously offered as DHM 5112.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5111 Ethics for a Sustainable World

Description: Exploration of ethical dilemmas and decision-making criteria in design and merchandising practice. Completion of DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4111. Previously offered as DHM 5111.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5113.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 4121. Previously offered as DHM 5121.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5123.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5131.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4141. Previously offered as DHM 5141.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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 DM 1101, Wicked Problems of Industrial Practice, is recommended prior to enrolling in this course. May not be used for degree credit with DM 4151.

Credit hours: 1

Contact hours: Lecture: 1 Contact: 1

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5173.

Credit hours: 3

Contact hours: Lab: 6 Contact: 6

Levels: Graduate

Schedule types: Lab

Department/School: Design & Merchandising

DM 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 H1DC 5240 and DHM 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

DM 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 5303 and 6303.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5343 Applied Sensation, Perception and Behavioral Psychology in DM

Prerequisites: DM 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 DHM 5343 and HICD 5343.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5353 Graduate Interior Design Studio

Prerequisites: Consent of instructor.

Description: Studio course exploring alternative, research-based design solutions for selected interior environments. Previously offered as DHM 5353.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5360 Advanced Studies in Design and Merchandising

Description: Investigation into special areas in the fields of design and merchandising. Previously offered as HICD 5360 and DHM 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

DM 5363 Color Theories and Applications for Apparel and Interiors

Prerequisites: Nine hours in DM 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. Previously offered as DHM 5363.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5373 Topics in Building Information Modeling

Description: An introduction to Revit Architecture and discussion of advanced topics on Building Information Modelling. Previously offered as DHM 5373.

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

DM 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 or merchandising. Previously offered as CTM 5440 and DHM 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

DM 5533 Theory and Design of Functional Apparel

Prerequisites: DM 2573, DM 3013, DM 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. Previously offered as DHM 5533.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5623.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5633.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5643.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5663.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5673.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5683.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 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. Previously offered as DHM 5693.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 5810 Problems in Design and Merchandising

Prerequisites: Consent of instructor or department head.

Description: Individual and group investigations and discussions of special problems in the various phases of design and merchandising. Previously offered as CTM 5810 and DHM 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

DM 5830 DM Seminar

Prerequisites: Consent of Instructor.

Description: A selected group of current issues in design and merchandising. Course previously offered as HISC 5830 and DHM 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

DM 5963 Case Studies in Medical Smart Garment

Prerequisites: DM 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. Previously offered DHM 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

DM 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. Previously offered as DHM 5983.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 6000 Doctoral Dissertation

Prerequisites: Completion of a master's research thesis or thesis equivalency and consent of major instructor.

Description: Research in design and merchandising for the PhD degree. Previously offered as DHM 6000 and 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

DM 6133 Research Methods in Design and Merchandising

Prerequisites: DM 5112 and DM 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 and DHM 6133.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 6363 Anthropometry and Ergonomics in DM

Prerequisites: Graduate standing and DM 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. Previously offered as DHM 6363.

Credit hours: 3

Contact hours: Lecture: 2 Contact: 3 Other: 1

Levels: Graduate

Schedule types: Discussion, Combined lecture & discussion, Lecture

Department/School: Design & Merchandising

DM 6403 Merchandising Theory Application and Strategy Implementation

Prerequisites: DM 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. Previously offered as DHM 6403.

Credit hours: 3

Contact hours: Lecture: 3 Contact: 3

Levels: Graduate

Schedule types: Lecture

Department/School: Design & Merchandising

DM 6410 Independent Study in Design and Merchandising

Prerequisites: Consent of instructor.

Description: Selected areas of design and merchandising for advanced graduate students working toward the doctorate degree. Previously offered as HIDC 6410 and DHM 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

DM 6810 Advanced Problems in Design and Merchandising

Prerequisites: Consent of instructor or department head.

Description: Intensive individual or small-group study of problems in various areas of design merchandising for advanced graduate students who are working toward doctorate degrees. Previously offered as CTM 6810 and DHM 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

DM 6830 DM Seminar

Prerequisites: Consent of instructor.

Description: Problems and recent developments in design and merchandising. Previously offered as HIDC 6830 and DHM 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