### Design, Housing & Merchandising (DHM)

#### DHM 1003 Design Theory and Processes for Design and Merchandising
**Prerequisites:** DHM majors only.
**Description:** Design elements, principles and processes applied to design and merchandising.
**Credit hours:** 3
**Levels:** Undergraduate
**Contact hours:** Lecture: 1 Lab: 4 Contact: 5

#### DHM 1101 Wicked Problems of Industrial Practice
**Description:** An overview of the complex and seemingly unsolvable and every-evolving environmental and social issues (wicked problems) of today's industrial practice. A brief introduction to sustainable design theory is also provided.
**Credit hours:** 3
**Contact hours:** Lecture: 1 Contact: 1
**Levels:** Undergraduate
**Schedule types:** Lecture
**Department/School:** Design, Housing & Merc

#### 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, Housing & Merc

#### 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, Housing & Merc

#### 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, Housing & Merc

#### 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, Housing & Merc

#### 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, Housing & Merc

#### DHM 2073 Computer-Aided Design for Interior Design
**Prerequisites:** Permission of Instructor and Pass Proficiency Review and a 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 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, Housing & Merc

#### 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 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 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, Housing & Merc

#### 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, Housing & Merc
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, Housing & Merch

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, Housing & Merch

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 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, Housing & Merch

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, Housing & Merch

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, Housing & Merch

DHM 2423 Technology and Visual Communication for Merchandisers
Prerequisites: 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, Housing & Merch

DHM 2444 Draping
Prerequisites: DHM 2203 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, Housing & Merch

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, Housing & Merch

DHM 2913 Sewn Product Quality Analysis
Prerequisites: DHM 1003 and DHM 1433, both with a minimum grade of "C".
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merch
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, Housing & Merc

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, Housing & Merc

DHM 3033 Material Culture
Prerequisites: DHM majors only with sophomore standing.
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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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 HIDC 3213 and CTM 3213.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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 HIDC 3233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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 HIDC 3303.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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, HIDC 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, Housing & Merc

DHM 3423 Styling for Merchandisers
Prerequisites: DHM 2423 with minimum grade of "C".
Description: A review of the elements of editorial and commercial styling, including photography fundamentals. An emphasis in editorial styling for digital and print merchandising applications. 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, Housing & Merc

DHM 3433 Retail Strategies in the Digital Sector
Prerequisites: DHM majors 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: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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 HIDC 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, Housing & Merc

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, Housing & Merc

DHM 3553 Profitable Merchandising Analysis
Prerequisites: DHM 3433 and ACCT 2103 and 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, Housing & Merc

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, Housing & Merc

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 HIDC 3823.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 3853 Visual Merchandising
Prerequisites: DHM 1003 and DHM 1433 and DHM 2423, all with minimum grade of "C" and Junior standing.
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, Housing & Merc
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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 4051 Biomimicry 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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc
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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 4101 Local Motive and Supply Chain
Description: Principles and concepts of local commerce and sustainability in the supply chain from an interdisciplinary perspective. 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: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 4121 Sustainable Textile Innovation
Description: An examination of textile production and use practices that are detrimental to the global environment: includes exploration of legislation, practice in established and emerging economies, and technological developments. Alternatives and the companies working to create a more sustainable textile industry will be explored. 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: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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 HIDC 4143.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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.
Credit hours: 1
Contact hours: Lecture: 1 Contact: 1
Levels: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 4153 Mass Production of Apparel and Related Products
Prerequisites: DHM majors only and DHM 3123 and DHM 3053, both with a minimum grade of "C".
Description: Understanding and applying mass production strategies for apparel related products. Includes design for production, production operations including CAD marker making and material utilization, production simulation, 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, Housing & Merc

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 HIDC 4163.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc
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 HIDC 4293.
Credit hours: 4
Contact hours: Lab: 8 Contact: 8
Levels: Graduate, Undergraduate
Schedule types: Lab
Department/School: Design, Housing & Merc

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 HIDC 4293.
Credit hours: 4
Contact hours: Lab: 8 Contact: 8
Levels: Graduate, Undergraduate
Schedule types: Lab
Department/School: Design, Housing & Merc

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 HIDC 3333 and HIDC 4323.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Design, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Lab
Department/School: Design, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 4453 Entrepreneurship and Product Development for Apparel and Interiors
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: Graduate, Undergraduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Design, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Design, Housing & Merc

DHM 4583 Sustainable Design for Apparel and Interiors
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, Housing & Merc

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: Graduate, Undergraduate
Schedule types: Independent Study
Department/School: Design, Housing & Merc

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, Housing & Merc

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 HIDC 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: Graduate, Undergraduate
Schedule types: Independent Study
Department/School: Design, Housing & Merc

DHM 4893 Fundamentals of Medical Smart Garment Engineering
Prerequisites: Completion of 90 credit hours or Graduate standing.
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: Graduate, Undergraduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Design, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc
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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

DHM 5163 Housing in Different Cultures
Prerequisites: Graduate student status.
Description: Housing and life style as an expression of cultural aesthetics, beliefs, attitudes and environmental influences.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

DHM 5213 Product Design, Production and Promotional Strategies for Apparel and Interior Design Industries
Prerequisites: DHM 5113.
Description: An overview of product design and production techniques for apparel and interior design markets using an industry approach. Promotional strategies needed for successful advertising campaigns.
Credit hours: 3
Contact hours: Lecture: 2 Lab: 2 Contact: 4
Levels: Graduate
Schedule types: Lab, Lecture, Combined lecture and lab
Department/School: Design, Housing & Merc

DHM 5233 Design Evaluation
Description: Theoretical perspectives on evaluation of applied design; examination and evaluation of historic and contemporary designers, their philosophies and their work. Previously offered as HIDC 5233.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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 HIDC 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, Housing & Merc

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, Housing & Merc

DHM 5343 Constructed Environment and Human Behavior
Prerequisites: DHM 5013, DHM 5273, PSYC 1113, SOC 1113.
Description: An exploration and evaluation of the physical attributes of the constructed environment and the interrelationships with the social and psychological aspects of human behavior. Previously offered as HIDC 5343.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Design, Housing & Merc
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, Housing & Merch  

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 HIDC 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, Housing & Merch  

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, Housing & Merch  

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, Housing & Merch  

DHM 5503 Housing and Real Estate for Family Financial Planning  
**Description:** Overview of the role of housing and real estate in financial planning process from a theoretical perspective. Taxation, legal aspects, mortgages, and financial calculations related to home ownership and real estate investments. New and emerging issues in the context of housing and real estate. Role of ethics in financial planning including housing and real estate.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Design, Housing & Merch  

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, Housing & Merch  

DHM 5543 Textile Arts and Design  
**Prerequisites:** Permission of instructor/adviser.  
**Description:** Interpretation of designs developed through experimental studies in textile surface design and manipulation resulting in portfolio/competition quality designs/artwork and written documentation for submissions to a "juror selection" format exhibition.  
**Credit hours:** 3  
**Contact hours:** Lab: 6 Contact: 6  
**Levels:** Graduate  
**Schedule types:** Lab  
**Department/School:** Design, Housing & Merch  

DHM 5603 Historical and Contemporary Issues in Trade  
**Description:** The examination of fiber, textile, and apparel industries in a global context. The historical development of the global and U.S. textile and apparel industries and how the global environment (economic, political, and social systems) affects the textile and apparel production and trade. Web-based instruction.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Design, Housing & Merch  

DHM 5613 Merchandising Research Methods  
**Prerequisites:** DHM 5303, DHM 5623, DHM 5633, DHM 5643, DHM 5653 and graduate course in Statistics.  
**Description:** An overview of the research process used in social science, including a survey and analysis of research methodologies. A review of current merchandising literature with implications for future research. Web-based instruction.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Design, Housing & Merch  

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, Housing & Merch
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, Housing & Merc

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, Housing & Merc

DHM 5653 Merchandising Trends, Practices and Theories in Apparel and Interior Industries
Prerequisites: Nine credit hours in marketing, merchandising or management.
Description: Current trends in merchandising; theories, concepts and processes related to management level problems. Previously offered as CTM 5653.
Credit hours: 3
Contact hours: Lecture: 3 Contact: 3
Levels: Graduate
Schedule types: Lecture
Department/School: Design, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

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, Housing & Merc

DHM 5853 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, Housing & Merc
DHM 5984 Capstone in Medical Smart Garment Engineering  
**Prerequisites:** DHM 4893 or DHM 5893 and DHM 5963 or consent of instructor.  
**Description:** Project-based course where interdisciplinary teams identify a wearable sensing application and collaborate to engineer a prototype that addresses a defined need. Industry collaboration encouraged. Same course as BIOM 5984.  
**Credit hours:** 4  
**Contact hours:** Lecture: 1 Lab: 6 Contact: 7  
**Levels:** Graduate  
**Schedule types:** Lab, Lecture, Combined lecture and lab  
**Department/School:** Design, Housing & Merc

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, Housing & Merc

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, Housing & Merc

DHM 6363 Anthropometrics in Product Design  
**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, Housing & Merc

DHM 6463 Project Management  
**Description:** Analysis of project management strategies and techniques used by architecture, interior design, and construction management firms relating to budget, schedule and personnel, with emphasis on leadership, quality assurance, and risk management issues. Previously offered as DHM 5463.  
**Credit hours:** 3  
**Contact hours:** Lecture: 3 Contact: 3  
**Levels:** Graduate  
**Schedule types:** Lecture  
**Department/School:** Design, Housing & Merc

DHM 6600 Doctoral Research  
**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 6600. 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, Housing & Merc

DHM 6810 Advanced Problems in Design, Housing and Merchandising  
**Prerequisites:** Consent of instructor.  
**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, Housing & Merc
DHM 6830 DHM Seminar

**Prerequisites:** Consent of instructor.

**Description:** Problems and recent developments in design, housing and merchandising. Previously offered as HIDC 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, Housing & Merc