## Consumer and Design Sciences - CADS

### Courses

**CADS 1000 STUDIO I: INTRODUCTION TO INTERIOR DESIGN (4)** LEC. 3, LST. 3. Introduction and application of design theory to interior design and consumer products.

**CADS 1100 TECHNICAL PROCESSES OF INTERIOR DESIGN (4)** STU. 6. Space planning and delineation of interior systems for residential, institutional, and other consumer environments.

**CADS 1600 TEXTILE INDUSTRIAL COMPLEX (3)** LEC. 3. Introduction to the composition, characteristics, and products of the network of fiber producers, textile manufacturers, dyers, finishers, apparel manufacturers, and retailers.

**CADS 1740 AESTHETICS FOR FASHION (3)** LEC. 3. Elements and principles of design and their application in industries such as textiles, apparel, and retail.

**CADS 2000/2003 GLOBAL CONSUMER CULTURE (3)** LEC. 3. Sustainability and social responsibility provide a framework for the study of cultural, commercial, and aesthetic factors influencing the selection and usage of consumer products and services that create and express social identity. Credit will only be given for CADS 2000, CADS 2003 or CADS 2007.

**CADS 2100 STUDIO III: VISUAL PRESENTATION OF INTERIOR DESIGN I (4)** LEC. 2, LST. 6. Pr. CADS 1000 and CADS 1100. Development of visual communication skills for interior design and consumer products.

**CADS 2200 STUDIO IV: CAD FOR INTERIOR DESIGN (4)** LEC. 2, LST. 6. Pr. CADS 2100. Application of graphic visualization and computer-aided design techniques to represent interior design.

**CADS 2300 HISTORY, THEORY, AND CRITICISM OF INTERIOR DESIGN (3)** LEC. 3. Historical survey of interior design and the decorative arts from antiquity through present.

**CADS 2400 INTERIOR MATERIALS AND COMPONENTS (3)** LEC. 3. Pr. CADS 1000. Survey of finishes, textiles, materials, and components. Introduction to health, safety, and environmental issues that impact consumers.

**CADS 2500 VISUAL PRESENTATION IN INTERIOR DESIGN II (4)** LEC. 2. Pr. CADS 2100. Development of color visual communication skills for interior design ideas, concepts, and professional presentation media.

**CADS 2700/2703 INTRODUCTION TO NONPROFIT ORGANIZATIONS (3)** LEC. 3. Introduction to mission, structure, and impact of nonprofit organizations at the local, state, national and international levels. May count either CADS 2700 or CADS 2703.

**CADS 2740 ILLUSTRATION TECHNIQUES FOR APPAREL (3)** LEC. 1. LAB. 4. Pr. CADS 1740 or Departmental approval. Creative approach to illustrating apparel through the use of varied media and development of illustrative style appropriate for portfolio presentations. APDP Major.

**CADS 2750 PRODUCT DEVELOPMENT: TECHNICAL DESIGN (4)** LEC. 2, LST. 4. Pr. CADS 2740 and CADS 2800. Apparel pattern development through drafting, flat pattern manipulation and draping; custom apparel production. APDP Major.

**CADS 2760 VISUAL MERCHANDISING (4)** LEC. 2, LST. 6. Pr. CADS 1600. History, equipment, application, and theory of display techniques in store and non-store settings. AMDP major.

**CADS 2770 COMPUTER-AIDED DESIGN FOR APPAREL (4)** LEC. 2, LST. 4. Pr. CADS 1600 and CADS 2740. Principles of aesthetics applied to apparel product development including computer aided design and other presentation techniques.

**CADS 2800 APPAREL PRODUCTION MANAGEMENT (4)** LEC. 3. LAB. 3. Pr. CADS 1600. Introduction to apparel industry terminology, technology, production methods, and engineering quality into apparel products.

**CADS 3100 STUDIO VI: LIGHTING DESIGN/ENVIRONMENTAL SYSTEMS (4)** LEC. 2, LST. 6. Pr. CADS 2200 and CADS 2400 and CADS 2500. Application of principles and processes of lighting, mechanical, and environmental systems to interior design.
CADS 3200 RESIDENTIAL INTERIOR DESIGN (4) LEC. 2, LST. 6. Pr. CADS 2200 and CADS 2300 and CADS 2400 and CADS 2500. Application of human factors and consumer needs to programming and design process of residential interiors.

CADS 3380 STUDY ABROAD OPPORTUNITIES IN HUMAN SCIENCE (1) LEC. 1. Departmental approval. Exploration of study abroad opportunities for students interested in the International Minor in Human Sciences.

CADS 3400 COMMERCIAL INTERIOR DESIGN (4) LEC. 2, LST. 6. Pr. CADS 3100 and CADS 3200. Application of programming and presentation techniques to commercial spaces.


CADS 3600 TEXTILES (4) LEC. 3. LAB. 3. Pr. CADS 1600 and CHEM 1020 and CHEM 1021. Organic compounds, polymers, fibers, yarns, fabrics, and chemical finishes for apparel and household textiles with laboratory evaluation. AMDP major.

CADS 3700/3703 GENDER, WEALTH AND PHILANTHROPY (3) LEC. 3. Study of wealth and philanthropic theories, principles, and applications as it applies in gender. May count CADS 3700, CADS 3703 or CADS 3707.

CADS 3707 GENDER, WEALTH AND PHILANTHROPY (3) LEC. 3. Pr. Honors College. Study of wealth and philanthropic theories, principles, and applications as it applies in gender. May count CADS 3700, CADS 3703 or CADS 3707.

CADS 3750 PRODUCT DEVELOPMENT: APPAREL DESIGN (4) LEC. 2, LST. 4. Pr. CADS 2750 and CADS 2800 and CADS 2740. Advanced design techniques, including couture production; portfolio and internship planning. ADMP major.

CADS 3800 CONSUMER DECISION MAKING FOR APPAREL AND FASHION PRODUCTS (3) LEC. 3. Pr. CADS 2000 or CADS 2003 or CADS 2007. Analysis of consumer decision making for apparel and fashion products and the factors that impact consumer decisions. Credit will not be given for both CADS 3800 and MKTG 3410. AMDP major.

CADS 3850/3853 MERCHANDISE PLANNING AND CONTROL (3) LEC. 2. LAB. 2. Pr. (COMP 1000 or COMP 1003) and CADS 1600 and ACCT 2810 or Departmental approval. Application of principles of merchandise management and retail buying to the retailing of consumer goods and services. Credit will not be given for both CADS 3850 and CADS 3853.

CADS 3900 DIRECTED STUDIES (1-3) AAB/IND. SU. Departmental approval. Directed readings and/or individualized research project. Course may be repeated for a maximum of 6 credit hours.

CADS 3920 INDUSTRY EXPERIENCE (3) INT. 3. Pr. CADS 1600. Departmental approval. Supervised industry experience requiring students to spend time working in the industry under supervision. Course may be repeated for a maximum of 6 credit hours.

CADS 3940 STUDY TRAVEL IN CONSUMER AND DESIGN SCIENCES (1-3) AAB/FLD. Departmental approval. Concentrated study in the U.S. or abroad. Course may be repeated for a maximum of 6 credit hours.

CADS 3970 SPECIAL TOPICS (1-3) AAB. Course may be repeated for a maximum of 9 credit hours.

CADS 4200 STUDIO IX: PORTFOLIO DEVELOPMENT (3) STU. 5. Pr. CADS 3400 and CADS 3500. Portfolio development, critique, and review.

CADS 4500 PORTFOLIO DEVELOPMENT FOR DESIGNERS (4) LEC. 2, LST. 4. Pr. P/C CADS 3750. Survey of advanced techniques in design presentation including computer-aided design and graphics software. Portfolio development in print, computer slide show, and web formats. Open to AMDP majors in Apparel Design Option.

CADS 4750 PRODUCT DEVELOPMENT: SPECIALIZED DESIGN (3) STU. 6. Pr. CADS 3750. Specialized design development concepts, techniques, and applications for target markets including children's wear, performance wear, and bridal markets.

CADS 4800 APPAREL ENGINEERING (4) LEC. 3. LAB. 3. Pr. CADS 2800. Planning and problem solving throughout the apparel production process, including methods engineering, time study, costing, CAD. AMDP major.

CADS 4900 UNDERGRADUATE TEACHING ASSISTANT EXPERIENCE (1-3) LEC/LST. Student must have previously earned an "A" in the course s/he is assisting with. Departmental approval. Student participation as an undergraduate teaching assistant (UTA) for the Consumer and Design Sciences course under the supervision of a faculty member. Course may be repeated for a maximum of 6 credit hours.
CADS 4910 PRACTICUM IN PHILANTHROPY AND NONPROFIT ORGANIZATIONS (3) PRA. 3. Pr. CADS 2700 or CADS 2703 and CADS 3700 or CADS 3703 or CADS 3707. Departmental approval. Supervised practicum experience with a philanthropic or nonprofit organization.

CADS 4920 INTERNSHIP (8) AAB/INT. 8. Supervised 10 week professional internship. Departmental approval. 2.0 GPA. Junior standing.

CADS 4960 SPECIAL PROBLEMS IN DESIGN (1-3) LEC. Departmental approval. A) Apparel, B) Interior Design, C) Visual Merchandising, D) Textile Design. Creative solution of design problems. Course may be repeated for a maximum of 9 credit hours.

CADS 4967 HONORS SPECIAL PROBLEMS (1-3) IND. SU. Pr. Honors College. Departmental approval. Readings in specialized topics. Course may be repeated for a maximum of 6 credit hours.

CADS 4980 UNDERGRADUATE RESEARCH IN CONSUMER AND DESIGN SCIENCES (1-3) IND/LEC. SU. Pr. 3.50 GPA. Departmental approval. Participation as an undergraduate research assistant (URA) for a Consumer and Design Sciences research project under the supervision of a CADS faculty member. Course may be repeated for a maximum of 6 credit hours.

CADS 4997 HONORS THESIS (3) IND. 3. SU. Pr. Honors College. CADS 4967. Departmental approval. Research in specialized topics.

CADS 5300 HOSPITALITY DESIGN (4) LEC. 2. LAB. 6. Pr. CADS 3400. Development of a large scale hospitality project with emphasis on design of environments that serve the needs of multiple users. May count either CADS 5300 or CADS 6300.

CADS 5310 SUSTAINABLE DESIGN AND LEED ACCREDITATION (3) LEC. 3. Sustainable certification standards and professional accreditation requirements related to sustainability. May count either CADS 5310 or CADS 6310.

CADS 5400 STUDIO XI: HEALTH CARE DESIGN (4) LEC. 2. LAB. 6. Pr. CADS 5300. Development of a large scale institutional project with emphasis on design of a healing environment. Credit may only be used for CADS 5400 or CADS 6400.

CADS 5450 HISTORY OF COSTUME (3) LEC. 3. Pr., Core History or departmental approval. AMDP major. Historical roles of dress in western civilization. Cultural, social, and physical evolution. Credit will not be given for both CADS 5450 and CADS 6450.

CADS 5500 PROFESSIONAL DEVELOPMENT: MERCHANDISING PORTFOLIO (3) LEC. 3. Pr. CADS 3850 or Departmental approval. Portfolio Development in print, digital, and web formats for merchandising students. May count either CADS 5500 or CADS 6500.

CADS 5600 GLOBAL SOURCING IN TEXTILES AND APPAREL (3) LEC. 3. Pr. (ECON 2020 or ECON 2023 or ECON 2027) and (ANTH 1000 or ANTH 1003 or ANTH 1007 or GEOG 1010 or GEOG 1013 or GEOG 1017 or PSYC 2010 or PSYC 2013 or PSYC 2017 or SOCY 1000 or SOCY 1007) or Departmental approval. The role of fiber, textile, and apparel industries in the international economy. AMDP major.

CADS 5650 TEXTILE AND APPAREL EVALUATION (4) LEC. 2. LAB. 6. Pr. CADS 3600. Testing procedures for characterization and evaluation of fabrics and sewn products for apparel and interiors. Credit will not be given for both CADS 5650 and CADS 6650.

CADS 5700 ENTREPRENEURSHIP IN APPAREL AND INTERIORS (3) LEC. 3. Departmental approval. Analyzing business opportunities in textiles, apparel, and interiors; developing marketing concepts and entrance strategies. Credit will not be given for both CADS 5700 and CADS 6700.

CADS 5730 HISTORY OF TEXTILES (3) LEC. 3. Pr., Core History or departmental approval. Cultural, economic, material, technological, and aesthetic perspectives on the evolution of textiles. Credit will not be given for both CADS 5730 and CADS 6730.

CADS 5750 APPAREL LINE DEVELOPMENT (4) LEC. 2. LAB. 6. Pr. CADS 3750 and CADS 4800. Team driven design, production, and market research. Development of apparel lines. Credit will not be given for both CADS 5750 and CADS 6750.
CADS 5760 FASHION ANALYSIS AND FORECASTING (3) LEC. 3. Pr. CADS 1600 and CADS 2740 or CADS 2760. Theories explaining fashion dynamics and techniques for forecasting change, with case applications in textiles, apparel, and retailing. Credit will not be given for both CADS 5760 and CADS 6760. AMDP major.

CADS 5850 APPAREL MERCHANDISING AND RETAIL MANAGEMENT (4) LEC. 3. LAB. 2. Pr. CADS 3850 or CADS 3853. Problem-solving and decision making strategies for retailing apparel, textiles, and other consumer products. Credit will not be given for both CADS 5850 and CADS 6850. AMDP major.

CADS 5860 ADVANCED RETAIL BUYING (3) LEC. 2. LAB. 1. Pr. CADS 5850. Departmental approval. Planning, executing and evaluating retail buying to maximize ROI. Credit will not be given for both CADS 5860 and CADS 6860.

CADS 6300 HOSPITALITY DESIGN (4) LEC. 2. LAB. 6. Development of a large scale hospitality project with emphasis on design of environments that serve the needs of multiple end users. May count either CADS 5300 or CADS 6300. Graduate standing.

CADS 6310 SUSTAINABLE DESIGN AND LEED ACCREDITATION (3) LEC. 3. Sustainable certification standards and professional accreditation requirements related to sustainability. May count either CADS 5310 or CADS 6310.

CADS 6400 STUDIO XI: HEALTH CARE DESIGN (4) LEC. 2. LAB. 6. Pr. CADS 6300. Development of a large scale institutional project with emphasis on design of a healing environment. Credit may only be used for CADS 5400 or CADS 6400. Graduate standing.

CADS 6450 HISTORY OF COSTUME (3) LEC. 3. Historical roles of dress in western civilization. Cultural, social, and physical evolution. Credit will not be given for both CADS 6450 and CADS 5450. Departmental approval. Graduate standing.

CADS 6460 FASHION INDUSTRY SINCE 1910 (3) LEC. 3. Departmental approval. Fashion history, designers and businesses from 1910 to the present. May count either CADS 5460 or CADS 6460. Graduate standing.

CADS 6500 PROFESSIONAL DEVELOPMENT: MERCHANDISING PORTFOLIO (3) LEC. 3. Pr. CADS 5850 or CADS 5860. Portfolio Development in print, digital, and web formats for merchandising students. May count either CADS 5500 or CADS 6500.

CADS 6600 GLOBAL SOURCING IN TEXTILES AND APPAREL (3) LEC. 3. Departmental approval. The role of fiber, textile, and apparel industries in the international economy. Credit will not be given for both CADS 5600 and CADS 6600. Graduate standing.

CADS 6610/6616 GLOBAL RETAILING STRATEGIES FOR TEXTILE AND APPAREL PRODUCTS (3) LEC. 3. Strategies for successful global business expansion for textile and apparel retailers. Credit given for only one of: CADS 5610, CADS 6610, MKTG 4330. Departmental approval.

CADS 6650 TEXTILE AND APPAREL EVALUATION (4) LEC. 2. LAB. 6. Pr. CADS 3600. Departmental approval. Testing procedures for characterization and evaluation of fabrics and sewn products for apparel and interiors. Credit will not be given for both CADS 5650 and CADS 6650. Spring.

CADS 6700 ENTREPRENEURSHIP IN APPAREL AND INTERIORS (3) LEC. 3. Departmental approval. Analyzing business opportunities in textiles, apparel, and interiors; developing marketing concepts and entrance strategies. Credit will not be given for both CADS 5700 and CADS 6700.

CADS 6730 HISTORY OF TEXTILES (3) LEC. 3. Departmental approval. Cultural, economic, material, technological, and aesthetic perspectives on the evolution of textiles. Credit will not be given for both CADS 5730 and CADS 6730.

CADS 6750 APPAREL LINE DEVELOPMENT (4) LEC. 2. LAB. 6. Team-driven design, production, and market research. Development of apparel lines. Credit will not be given for both CADS 5750 and CADS 6750. Departmental approval. Graduate standing.

CADS 6760/6766 FASHION ANALYSIS AND FORECASTING (3) LEC. 3. Departmental approval. Theories explaining fashion dynamics and techniques for forecasting change with case applications in textiles, apparel, and retailing. Credit will not be given for both CADS 6760 and CADS 5760.

CADS 6850 APPAREL MERCHANDISING AND RETAIL MANAGEMENT (4) LEC. 3. LAB. 2. Departmental approval. Problem-solving and decision making strategies for retailing, apparel, textiles, and other consumer products. Credit will not be given for both CADS 6850 and CADS 5850.

CADS 6860 ADVANCED RETAIL BUYING (3) LEC. 2. LAB. 1. Departmental approval. Planning, executing and evaluating retail buying to maximize ROI. Credit will not be given for both CADS 5860 and CADS 6860.
CADS 7040 PROTOCOL FOR GRADUATE STUDY (1) LEC. 1. SU. Introduction to policies, practices, and expectations for successful completion of the graduate degree.

CADS 7050 RESEARCH METHODS IN CONSUMER AND DESIGN SCIENCES (3) LEC. 3. Departmental approval. Research and investigation methods appropriate to the study of consumer and textile design sciences.

CADS 7060 SURVEY OF CONSUMER AND DESIGN SCIENCES RESEARCH (3) LEC. 3. Presentation and discussion of a broad array of research topics to support literature review development.

CADS 7100 ENVIRONMENTAL DESIGN THEORIES AND APPLICATIONS (3) LEC. 3. Pr. CADS 5400. Departmental approval. Theories, methodologies, and current issues relevant to interior design; sociological, psychological, ecological, and post-modern perspectives.


CADS 7530 ECONOMICS OF APPAREL AND TEXTILES (3) LEC. 3. Pr. ECON 2020 or ECON 2023 or ECON 2027. Departmental approval. Economic issues involving the manufacture, distribution, and consumption of textiles and apparel. Graduate standing.

CADS 7670 SOCIAL PSYCHOLOGICAL THEORIES IN CLOTHING BEHAVIOR (3) LEC. 3. Pr. CADS 7050. Departmental approval. Clothing as a factor in the physical, social, and psychological environment; response to and use of clothing in social behavior.

CADS 7690 CONSUMER THEORY IN APPAREL AND INTERIORS (3) LEC. 3. Pr. CADS 7050. Departmental approval. Overview of various theories used in consumer research with an emphasis on their application in apparel, merchandising, design, and interiors.

CADS 7900 DIRECTED STUDIES (1-3) IND. SU. Course may be repeated for a maximum of 6 credit hours.

CADS 7910 SUPERVISED TEACHING IN CONSUMER AND DESIGN SCIENCES (1) AAB/IND. 1. SU. Departmental approval. Practical experience teaching in the classroom. Course may be repeated for a maximum of 3 credit hours.

CADS 7920 GRADUATE INTERNSHIP (3) INT. 3. Departmental approval. Supervised professional experience in the United States or internationally.

CADS 7930 ADVANCED DESIGN PROJECTS (1-6) IND. SU. Departmental approval. Independent execution of advanced design work. (A) Apparel; (B) Interiors; (C) Visual Merchandising; (D) Textile Design. Course may be repeated for a maximum of 6 credit hours.

CADS 7940 STUDY/TRAVEL IN CONSUMER AND DESIGN SCIENCES (1-3) FLD. SU. Departmental approval. Concentrated study/travel in the U.S. or internationally. Course may be repeated for a maximum of 6 credit hours.

CADS 7950 SEMINAR (1) SEM. 1. SU. Departmental approval. Research presentations and discussion. Course may be repeated for a maximum of 3 credit hours.

CADS 7960 SPECIAL PROBLEMS (1-3) IND. SU. Departmental approval. Directed readings in textiles, apparel, interiors and retailing. Course may be repeated for a maximum of 6 credit hours.

CADS 7970 SPECIAL TOPICS IN DESIGN (1-6) RES. Departmental approval. (A) Apparel; (B) Interiors; (C) Visual Merchandising; (D) Textile Design. Independent execution of advanced design work. Course may be repeated for a maximum of 6 credit hours.

CADS 7980 GRADUATE PROJECT (1-3) RES. Departmental approval. In-depth, integrative research in a particular project related to apparel, textiles, interiors or consumer behavior. Course may be repeated for a maximum of 6 credit hours.

CADS 7990 RESEARCH AND THESIS (1-10) AAB/MST. Course may be repeated with change in topics.

CADS 8100 APPAREL AND INTERIORS BRANDING (3) LEC. 3. Pr. CADS 7050. Departmental approval. Critical examination of theories and methodological issues in branding research and application in apparel and interior product and service branding.

CADS 8950 INDUSTRY ISSUES SEMINAR (1) LEC. 1. SU. Departmental approval. Research presentations and discussions on issues facing the global textile industrial complex. Course may be repeated for a maximum of 6 credit hours.

CADS 8960 CURRENT ISSUES IN INTEGRATED TEXTILE AND APPAREL SCIENCE (2) LEC. 2. Departmental approval. Directed readings on current issues in the global textile industrial complex. Course may be repeated for a maximum of 6 credit hours.
CADS 8970/8976 SPECIAL TOPICS (1-3) LEC. Departmental approval. Topics related to various aspects of the integrated textile and apparel complex. Course may be repeated for a maximum of 9 credit hours.

CADS 8990 RESEARCH AND DISSERTATION (1-10) DSR. Course may be repeated with change in topics.