

DESIGN AND HUMAN ENVIRONMENT (DHE)

DHE 160. DESIGN PERSPECTIVES. (4 Credits)

Overview of how design reflects and shapes social, cultural, and temporal values and contexts across many different areas of design specialization. Areas to be explored include design processes, principles, and problem solving.

DHE 161. DESIGN EXPLORATIONS. (4 Credits)

Introduction to principles and theories of design through iterative development and making of project work. Topics include basic design terminology, design principles, and materiality. Lec/studio.

Prerequisites: DHE 160 with C- or better

DHE 170. INTRODUCTION TO THE TEXTILE AND APPAREL INDUSTRY. (4 Credits)

Overview of industry sectors involved in the planning, creation, production, merchandising, distribution, and consumption of textile, apparel, and related products. Overview of various career options within the industry.

DHE 180. INTRODUCTION TO SINGLE FAMILY HOUSING. (3 Credits)

Critical examination of single family housing. Considers space planning fundamentals. Introduces construction principles and methods. Develops a working knowledge of methods used to communicate architectural ideas.

Equivalent to: AIHM 180

DHE 181. INTRODUCTION TO INTERIOR DESIGN. (3 Credits)

Introduction to the interior design profession including space planning fundamentals, design process, color, sustainability, and human-centered design.

DHE 187. INTRODUCTION TO DESIGN COMMUNICATION. (0-3 Credits)

Fundamentals of design communication including drafting, lettering, illustrative sketching, perspective, and orthographic projections. Lec/studio.

Prerequisites: DHE 180 with C- or better

DHE 199. SPECIAL TOPICS. (1-16 Credits)

Equivalent to: AIHM 199

This course is repeatable for 16 credits.

DHE 227. APPAREL DESIGN AND PRODUCTION 1. (4 Credits)

Terminology, construction techniques and processes used to produce apparel. Development of production patterns and specifications with analysis of apparel construction related to equipment, cost, quality, end use and customer needs.

Equivalent to: AIHM 227

DHE 233. HISTORY OF CONTEMPORARY FASHION. (4 Credits)

Examination of fashion change in apparel from 1890 to the present. Recognition of style variations. Influence of socio-cultural factors.

Prerequisites: DHE 170 with C- or better

Equivalent to: DHE 463

DHE 242. INTRODUCTION TO SOFTGOODS MERCHANDISING. (4 Credits)

Overview of merchandising functions within the apparel industry, as well as how these functions interact with industry sectors involved in the planning, creation, production, distribution, and sale of apparel and related products. Wholesale and retail assortment planning. Basic merchandising mathematics. Excel skill development.

Equivalent to: DHE 271, DHE 276

DHE 262. HUMAN-CENTERED RESEARCH IN DESIGN AND MERCHANDISING. (4 Credits)

Application of a qualitative, multi-method approach to gain insight into how the consumer experience can be improved within a given context.

Prerequisites: DHE 161 with C- or better

DHE 263. HUMAN-CENTERED DESIGN THEORIES AND STRATEGIES. (4 Credits)

Overview of perception, semantics, and information design theories and strategies within a human-centered context.

DHE 270. *APPEARANCE, POWER AND SOCIETY. (4 Credits)

Survey of the cultural, sociological, psychological, economic, and aesthetic influences on appearance and power. (Bacc Core Course)

Attributes: CPDP – Core, Perspective, Difference/Power/Discrimination
Equivalent to: AIHM 270

DHE 271. INTRODUCTION TO RETAIL BUYING. (3 Credits)

Introduction to soft goods retailing with a focus on the role of the retail buyer. Fundamental retailing and merchandising concepts, sustainable and socially responsible decision-making related to retail buying, basic merchandising mathematics, and Excel skill development. Lec/lab.

Equivalent to: DHE 242, DHE 276

DHE 276. INTRODUCTION TO MERCHANDISING MANAGEMENT. (4 Credits)

Overview of merchandising functions within the textile and apparel industry. Fundamental merchandising concepts. Merchandising mathematics related to pricing and re-pricing, the profit and loss statement, and performance evaluation. Excel skill development. Lec/lab.

Prerequisites: DHE 170 with C- or better

Equivalent to: DHE 242, DHE 271, DSGN 276

DHE 281. DRAWING AND SKETCHING INTERIORS. (4 Credits)

Build technical drawing skills, observational and perspective drawing, as well as imagination and creativity. Working knowledge of visual methods for communicating design concepts and describing interior spaces.

Prerequisites: DHE 280 with D- or better

Equivalent to: AIHM 281, DSGN 281

DHE 283. BUILDING CONSTRUCTION AND MATERIALS. (3 Credits)

Introduction to the manufacture, characteristics and use of construction materials used in contract and residential construction, including environmentally friendly materials.

Equivalent to: DSGN 383

DHE 287. STUDIO I: DESIGN COMMUNICATION. (4 Credits)

Design communication through electronic media: 2D and 3D visualizations and presentations of interior space. Lec/studio.

Prerequisites: DHE 187 with C- or better

Equivalent to: DSGN 287

DHE 288. ENVIRONMENTAL BUILDING SYSTEMS. (3 Credits)

Lighting, heating, ventilating, air conditioning, and acoustical systems in residential and commercial buildings. Includes sustainable building principles.

Prerequisites: DHE 283 with C- or better and DHE 287 [C-]

Equivalent to: DHE 282

DHE 289. STUDIO II: RESIDENTIAL SPACE PLANNING. (4 Credits)

Utilization of space planning principles in the design of residences. Includes rendering, perspective drawing, graphic communication techniques, and model building.

Prerequisites: DHE 287 with C- or better

Equivalent to: DHE 385

DHE 299. SPECIAL TOPICS. (1-16 Credits)

Equivalent to: AIHM 299

This course is repeatable for 16 credits.

DHE 300. FIELD EXPERIENCE ORIENTATION AND DEVELOPMENT. (1-2 Credits)

Exploration of career choices, goals, and field experience opportunities; preparation in planning, obtaining, and completing an internship. Graded P/N. Section 1: Apparel Design. Section 2: Interior Design and Housing Studies. Section 3: Merchandising Management. Section 4: Graphic Design.

This course is repeatable for 3 credits.

DHE 310. FIELD EXPERIENCE. (1-12 Credits)

Integration and application of academic preparation in an on-the-job work situation with supervision by personnel at the participating site and university faculty. Application must be made prior to participation. Section 1: Merchandising Management (1-12) Section 2: Interior Design (1-12) Section 3: Apparel Design (1-12) Section 4: Graphic Design (1-12) Graded P/N.

Prerequisites: DHE 300 with D- or better

Equivalent to: DHE 410, DSGN 410

This course is repeatable for 16 credits.

DHE 321. ILLUSTRATION, PORTFOLIO, AND DESIGN DEVELOPMENT. (3 Credits)

Techniques in technical drawing, fashion illustration, and portfolio development; use of computer-aided design applications in the design of apparel.

Prerequisites: DHE 245 with C- or better and DHE 277 [C-]

Equivalent to: AIHM 321

DHE 326. SEWN PRODUCT DEVELOPMENT. (5 Credits)

Materials, assembly process, quality factors, and costs in the development of sewn textile products; consideration of consumer product expectations and intended end-use. Lec/lab.

Prerequisites: DHE 250 (may be taken concurrently) with C- or better or DHE 255 (may be taken concurrently) with C- or better

Equivalent to: AIHM 326, DHE 476

DHE 327. APPAREL DESIGN AND PRODUCTION 2. (4 Credits)

Terminology, construction techniques and processes used to produce apparel. Development of production patterns and specifications. Development of original apparel designs.

Prerequisites: DHE 227 with C- or better

Equivalent to: AIHM 327, DSGN 327

DHE 328. COMPUTER-AIDED PATTERN DEVELOPMENT. (3 Credits)

Computer-aided flat pattern, grading and marker techniques using pattern development software.

Equivalent to: DSGN 328

Recommended: DHE 327 or previous flat pattern experience.

DHE 330. *FASHION FORECASTING AND MARKET ANALYSIS. (4 Credits)

Forecasting and market analysis processes applied to fashion goods. (Writing Intensive Course)

Attributes: CWIC – Core, Skills, WIC

Prerequisites: DHE 233 with C- or better and WR 121 [C-] and WR 222 [C-]

Equivalent to: DHE 370, DSGN 330

DHE 334. FASHION HISTORY AND SOCIETY. (4 Credits)

The influence of society, culture, geography, fashion, and technology on the design and consumption of dress, Late Middle Ages to 1899.

Prerequisites: DHE 330 with C- or better

Equivalent to: DHE 461

DHE 355. TEXTILE PERFORMANCE AND EVALUATION. (4 Credits)

Analysis and evaluation of textile materials and final products in relation to end use. Performance properties and serviceability testing, product specifications and industrial standards. Lec/lab.

Prerequisites: DHE 255 with C- or better

Equivalent to: DHE 453, DSGN 355

DHE 360. COLLABORATIVE STUDIO. (4 Credits)

Examines a variety of collaborative methodologies and situations. Students will work across disciplines to solve complex collaborative projects. The projects will be both client based and hypothetical. Lec/studio.

Prerequisites: DHE 262 with C- or better and DHE 263 [C-]

DHE 366. CROSS CULTURAL ASPECTS OF THE NEAR ENVIRONMENT. (4 Credits)

Sociocultural study of the function and design of clothing, housing, interiors, and textiles. Cultural diversity; impact of cross-cultural contact; ethnicity.

Equivalent to: AIHM 366, DHE 437

DHE 370. *TEXTILE AND APPAREL MARKET ANALYSIS. (4 Credits)

Organization, operation, and merchandising activities of the domestic textile and apparel industries. Analysis of the marketing process and the product/service mix of textile and apparel manufacturers. (Writing Intensive Course)

Attributes: CWIC – Core, Skills, WIC

Prerequisites: DHE 277 (may be taken concurrently) with C- or better

Equivalent to: AIHM 370, DHE 330, DSGN 330

Recommended: BA 390

DHE 376. RETAIL MERCHANDISE PLANNING AND PRESENTATION. (4 Credits)

Organization, operation, and competitive strategies of soft goods retailers. Planning, procurement, and promotion of merchandise assortments and inventory management.

Prerequisites: DHE 276 with C- or better and BA 215 [C-]

Equivalent to: DSGN 472

DHE 387. STUDIO III: ADVANCED DESIGN COMMUNICATION. (4 Credits)

Development of illustrative sketching, perspective drawing, concept model construction, and presentation materials.

Prerequisites: DHE 289 with C- or better

Equivalent to: DSGN 387

DHE 389. STUDIO IV: KITCHEN AND BATH DESIGN. (4 Credits)

Kitchen and bath planning in compliance with building codes and industry standards, with emphasis on resource conservation, safety, and special needs. This course utilizes both CAD and hand drafting.

Prerequisites: DHE 387 with C- or better

DHE 399. SPECIAL TOPICS. (1-16 Credits)

Equivalent to: AIHM 399

This course is repeatable for 16 credits.

DHE 401. RESEARCH AND SCHOLARSHIP. (1-16 Credits)

Equivalent to: AIHM 401

This course is repeatable for 16 credits.

DHE 402. INDEPENDENT STUDY. (1-16 Credits)

Equivalent to: AIHM 402

This course is repeatable for 16 credits.

DHE 403. THESIS. (1-16 Credits)

Equivalent to: AIHM 403, DSGN 403

This course is repeatable for 16 credits.

DHE 406. PROJECTS. (1-16 Credits)**Equivalent to:** AIHM 406, DSGN 406*This course is repeatable for 16 credits.***DHE 427. DRAPING. (4 Credits)**

Garment design based on manipulation of fabric on a body form; emphasis on the interrelationships between fabric, garment design, and the human form.

Prerequisites: DHE 321 with C- or better and DHE 327 [C-]**Equivalent to:** AIHM 427, DSGN 427**DHE 428. APPAREL PRODUCTION PROCESSES. (4 Credits)**

Production pattern-making, pattern grading, marker making, garment specifications, and cost analysis. Apparel assembly processes; analysis of equipment capabilities and production processes.

Prerequisites: DHE 327 with C- or better**Equivalent to:** AIHM 428, DSGN 428**DHE 429. ADVANCED APPAREL DESIGN. (4 Credits)**

Design processes and research methods used to develop apparel designs. Students will identify design problems and implement appropriate methods to develop apparel products.

Prerequisites: DHE 321 (may be taken concurrently) with C- or better and DHE 327 (may be taken concurrently) [C-] and DHE 427 (may be taken concurrently) [C-] and DHE 428 (may be taken concurrently) [C-]**Equivalent to:** DSGN 429**DHE 437. CONSUMER BEHAVIOR AND CULTURE. (4 Credits)**

Global and cultural consumer behavior, globalization and cross-cultural marketing related to soft goods merchandising and retailing.

Prerequisites: DHE 334 with C- or better**Equivalent to:** DHE 366**DHE 443. STUDIO VI: COMMERCIAL DESIGN. (4 Credits)**

Commercial design, space planning and specifications for facilities such as retail, hospitality, healthcare, public institutions and offices.

Prerequisites: DHE 389 with C- or better**Equivalent to:** AIHM 443**DHE 445. STUDIO VII: ADVANCED COMMERCIAL DESIGN. (4 Credits)**

Interior design project development with emphasis on design of hospitality environments. Application of knowledge of space planning, building codes, and specifications to projects. Studio work includes concept sketches, schematic drawings, contract documents, sample boards, and models.

Prerequisites: DHE 443 with C- or better**DHE 453. PRODUCT QUALITY ASSURANCE. (4 Credits)**

Analysis and evaluation of textile materials and final products in relation to end use. Performance properties and serviceability testing, product specifications and industrial standards. Lec/lab.

Prerequisites: DHE 255 with C- or better**Equivalent to:** AIHM 453, DHE 355**Recommended:** DHE 326**DHE 461. HISTORY OF THE NEAR ENVIRONMENT I. (4 Credits)**

History of clothing, furniture, interiors, textiles, and housing and building styles; primarily Euro-American, from the ancient world to the Renaissance. The influence of social and cultural factors upon design of the near environment. Need not be taken in sequence.

Equivalent to: AIHM 461, DHE 334**DHE 462. *HISTORY OF THE NEAR ENVIRONMENT II. (4 Credits)**

History of clothing, furniture, interiors, textiles, and housing and building styles; primarily Euro-American, from the Renaissance to 1899.

The influence of social and cultural factors upon design of the near environment. Need not be taken in sequence. (Bacc Core Course)

Attributes: CSST – Core, Synthesis, Science/Technology/Society**Equivalent to:** AIHM 462, DHE 334**DHE 463. HISTORY OF CONTEMPORARY FASHION. (4 Credits)**

Historic analysis of fashion change in men's and women's apparel from 1890 to the present. The influence of social and cultural factors upon Euro-American fashion.

Equivalent to: AIHM 463, DHE 233**Recommended:** DHE 461 or DHE 462**DHE 464. CONTEMPORARY HISTORY OF INTERIORS AND HOUSING. (3 Credits)**

History of housing and interior design from the mid-19th century until the present.

Prerequisites: DHE 461 with C- or better or DHE 462 with C- or better**Equivalent to:** AIHM 464, DSGN 464**DHE 470. RETAIL MERCHANDISING. (4 Credits)**

Organization, operation, and competitive strategies of soft goods retailers. Planning, procurement, pricing, and promotion of merchandise assortments and inventory management.

Prerequisites: DHE 370 with C- or better**Equivalent to:** AIHM 470**DHE 472. MERCHANDISE PLANNING AND CONTROL. (4 Credits)**

Quantitative analysis of inventory planning, pricing, and control for the profitable management of soft goods; analysis of management problems using quantitative data and merchandising principles. Lec/rec.

Prerequisites: DHE 271 with C- or better and DHE 470 [C-] and (BA 215 [C-] or BA 215H [C-])**Equivalent to:** DSGN 472**DHE 475. *GLOBAL SOURCING OF TEXTILES, APPAREL, AND FOOTWEAR. (4 Credits)**

Trade theory and the effects of trade policy, cultural values, and economics on the global production, distribution, and consumption of textiles, apparel, and footwear. (Bacc Core Course)

Attributes: CSGI – Core, Synth, Global Issues**Equivalent to:** AIHM 475, DSGN 475**DHE 476. LINE PLANNING AND PRODUCT DEVELOPMENT. (4 Credits)**

Overview of the merchandising function within branded apparel companies and private label retailers.

Prerequisites: DHE 376 with C- or better**Equivalent to:** DHE 326**DHE 481. ^PROFESSIONAL PRACTICE IN HOUSING AND INTERIOR DESIGN. (3 Credits)**

Ethical, business, and legal aspects of the design profession.

Development of written documents, schedules, specifications, and other materials typical of the profession. (Writing Intensive Course)

Attributes: CWIC – Core, Skills, WIC**Prerequisites:** DHE 389 with C- or better**Equivalent to:** AIHM 481**DHE 488. STUDIO VI: HEALTHCARE DESIGN. (4 Credits)**

Interior design project development with emphasis on healthcare design, contract documents, and building codes.

Prerequisites: DHE 394 with C- or better**Equivalent to:** DSGN 488

DHE 490. STUDY TOUR. (1-6 Credits)

Planned study tour with specific professional focus.

Equivalent to: AIHM 490

This course is repeatable for 16 credits.

DHE 499. SPECIAL TOPICS IN DESIGN AND HUMAN ENVIRONMENT. (1-16 Credits)

Equivalent to: AIHM 499

This course is repeatable for 16 credits.

DHE 501. RESEARCH AND SCHOLARSHIP. (1-16 Credits)

Equivalent to: AIHM 501

This course is repeatable for 16 credits.

DHE 502. INDEPENDENT STUDY. (1-16 Credits)

Equivalent to: AIHM 502

This course is repeatable for 16 credits.

DHE 503. THESIS. (1-16 Credits)

Equivalent to: AIHM 503

This course is repeatable for 999 credits.

DHE 505. READING AND CONFERENCE. (1-16 Credits)

Equivalent to: AIHM 505

This course is repeatable for 16 credits.

DHE 506. PROJECTS. (1-16 Credits)

Equivalent to: AIHM 506

This course is repeatable for 16 credits.

DHE 507. SEMINAR. (1-16 Credits)

Equivalent to: AIHM 507

This course is repeatable for 16 credits.

DHE 508. WORKSHOP. (1-16 Credits)

Equivalent to: AIHM 508

This course is repeatable for 16 credits.

DHE 509. PRACTICUM. (1-16 Credits)

Equivalent to: AIHM 509

This course is repeatable for 16 credits.

DHE 510. INTERNSHIP. (1-16 Credits)

Equivalent to: AIHM 510

This course is repeatable for 16 credits.

DHE 528. APPAREL PRODUCTION PROCESSES. (4 Credits)

Production pattern-making, pattern grading, marker making, garment specifications, and cost analysis. Apparel assembly processes; analysis of equipment capabilities and production processes.

Equivalent to: AIHM 528

Recommended: DHE 327

DHE 529. ADVANCED APPAREL DESIGN. (4 Credits)

Design processes and research methods used to develop apparel designs. Students will identify design problems and implement appropriate methods to develop apparel products. Lec/studio.

Recommended: Completion or concurrent enrollment in DHE 327 and DHE 427 and DHE 428

DHE 561. HISTORY OF THE NEAR ENVIRONMENT I. (4 Credits)

History of clothing, furniture, interiors, textiles, and housing and building styles; primarily Euro-American, from the ancient world to the Renaissance. The influence of social and cultural factors upon design of the near environment. Need not be taken in sequence.

Equivalent to: AIHM 561

DHE 562. HISTORY OF THE NEAR ENVIRONMENT II. (4 Credits)

History of clothing, furniture, interiors, textiles, and housing and building styles; primarily Euro-American, from the Renaissance to 1899. The influence of social and cultural factors upon design of the near environment. Need not be taken in sequence.

Equivalent to: AIHM 562

DHE 563. HISTORY OF CONTEMPORARY FASHION. (4 Credits)

Historic analysis of fashion change in men's and women's apparel from 1890 to the present. The influence of social and cultural factors upon Euro-American fashion.

Equivalent to: AIHM 563

DHE 564. CONTEMPORARY HISTORY OF INTERIORS AND HOUSING. (3 Credits)

History of housing and interior design from the mid-19th century until the present.

Equivalent to: AIHM 564

DHE 566. RESEARCH IN THE CROSS CULTURAL ASPECTS OF THE NEAR ENVIRONMENT. (3 Credits)

Examines the research methods used to study the cultural aspects of the near environment. Case studies concerning cultural variation in the design and use of fabric, clothing and adornment, housing.

Equivalent to: AIHM 566

DHE 572. MERCHANDISE PLANNING AND CONTROL. (4 Credits)

Quantitative analysis of inventory planning, pricing, and control for the profitable management of soft goods; analysis of management problems using quantitative data and merchandising principles.

Prerequisites: DHE 570 (may be taken concurrently) with C or better

Equivalent to: AIHM 572

Recommended: BA 215

DHE 582. AESTHETIC AND PERCEPTUAL THEORIES OF THE NEAR ENVIRONMENT. (2 Credits)

Aesthetic aspects from the philosophical and theoretical bases formulated in art, art history, and psychology as applied to the near environment.

Equivalent to: AIHM 582

DHE 585. HUMAN BEHAVIOR AND THE NEAR ENVIRONMENT. (3 Credits)

Application of concepts and theories from cultural anthropology, sociology, psychology, and social psychology to the study of clothing and interiors. The significance of the near environment in the dynamics of social interaction.

Equivalent to: AIHM 585

DHE 594. RESEARCH METHODS IN DESIGN AND HUMAN ENVIRONMENT. (3 Credits)

Introduction to theory and research design in Design and Human Environment. Includes sampling, measurement, data collection (both qualitative and quantitative) and data analysis.

DHE 599. SPECIAL TOPICS IN DESIGN AND HUMAN ENVIRONMENT. (1-16 Credits)

Equivalent to: AIHM 599

This course is repeatable for 16 credits.

DHE 601. RESEARCH AND SCHOLARSHIP. (1-16 Credits)

Equivalent to: AIHM 601

This course is repeatable for 16 credits.

DHE 602. INDEPENDENT STUDY. (1-16 Credits)

Equivalent to: AIHM 602

This course is repeatable for 16 credits.

DHE 603. THESIS. (1-16 Credits)

Equivalent to: AIHM 603

This course is repeatable for 999 credits.

DHE 605. READING AND CONFERENCE. (1-16 Credits)

Equivalent to: AIHM 605

This course is repeatable for 16 credits.

DHE 606. PROJECTS. (1-16 Credits)

Equivalent to: AIHM 606

This course is repeatable for 16 credits.

DHE 607. SEMINAR. (1-16 Credits)

Equivalent to: AIHM 607

This course is repeatable for 16 credits.

DHE 608. WORKSHOP. (1-16 Credits)

Equivalent to: AIHM 608

This course is repeatable for 16 credits.

DHE 609. PRACTICUM. (1-16 Credits)

Equivalent to: AIHM 609

This course is repeatable for 16 credits.

DHE 610. INTERNSHIP/WORK EXPERIENCE. (1-16 Credits)

Equivalent to: AIHM 610

This course is repeatable for 16 credits.

DHE 690. THEORY DEVELOPMENT. (3 Credits)

Critical analysis of scientific explanation, research, theory, and paradigms. Focus on theory development, particularly within the area of the near environment.

Equivalent to: AIHM 690