DIP 700 DYNAMICS OF DIPLOMACY. (3)
This course explores the historical evolution of diplomacy, then focuses on post WWII diplomatic practice and especially the dynamics of diplomacy since the end of the Cold War. Emphasis will be placed on diplomacy’s role in the international system, new tasks for diplomacy, and enhancing diplomatic skills in a new paradigm. Prereq: Permission of instructor.

DIP 720 ECONOMIC STATECRAFT. (3)
This seminar course will explore how economic values and choices shape economic options, and the techniques used to pursue them in the diplomatic arena. Trade and fiscal techniques, financial policies, and sanctions will be explored in relationship to the interplay between economic and political/international relations theory, and the relevance of economic statecraft to achieving both economic and noneconomic goals.

DIP 730 CROSS-CULTURAL NEGOTIATION AND BARGAINING. (3)
A multidisciplinary graduate course using contemporary studies of negotiation and bargaining from the individual to the international level. Uses both public (Diplomatic) and private (Commercial) examples, including case studies and practice negotiations. Group and national differences are explored as well as the content and environment of negotiations. Prereq: Any one graduate course plus consent of instructor.

DIP 748 MASTER’S THESIS RESEARCH. (0)
Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.

DIP 768 RESIDENCE CREDIT FOR THE MASTER’S DEGREE. (1-6)
May be repeated to a maximum of 12 hours.

DIP 777 RESEARCH PROBLEMS IN INTERNATIONAL RELATIONS. (3)
This seminar focuses on research strategies that can be utilized in dealing with problems in international relations. May be repeated once with consent of instructor. Prereq: PS 674 or consent of instructor.

DIP 780 INTERNATIONAL SCIENCE AND TECHNOLOGY POLICY. (3)
A multidisciplinary graduate course that investigates policy questions and the policy process surrounding developments in international sciences and technology. This course will focus on the intersection of scientific research, technological applications and change, and business and governmental activities in these areas that impact upon international relations. Prereq: Consent of instructor.

DIP 795 SPECIAL PROBLEMS IN DIPLOMACY AND INTERNATIONAL COMMERCE. (3)
Specially designed independent study course taken under the supervision of various instructors. May be repeated to a maximum of six credits. Prereq: Permission of instructor.

DIS Decision Science and Information Systems

DIS 300 QUANTITATIVE ANALYSIS IN OPERATIONS MANAGEMENT. (3)
A study of quantitative approaches to operations management, including decision support systems in decision making applications and efficiency considerations in both service and manufacturing operations. Prereq: CS 101, ACC 202, ECO 261, STA 291, MA 113 or MA 123, 162.

DIS 320 MANAGEMENT INFORMATION SYSTEMS. (3)
An introduction to information systems for management. Includes basic systems concept, methodology of systems analysis, and implementation of management information systems. Also provides an introduction to decision support systems, database management concepts and design methods, with emphasis on managerial problems related to these systems. Prereq: CS 101.

DIS 350 QUANTITATIVE ANALYSIS IN MANAGEMENT. (3)
An introduction to quantitative techniques in management decisions. Includes basic linear programming, Monte Carlo, and waiting line theory. Prereq: MA 113 (or MA 162 and 123), STA 291 (or STA 292, 293, 294).

DIS 390 SPECIAL TOPICS IN DECISION SCIENCE AND INFORMATION SYSTEMS (Subtitle required). (3)
Readings, projects, lectures and/or discussions to illuminate current topics of special interest or concern in decision science and information systems. May be repeated to a maximum of six credits. May not be repeated under the same title. Prereq: DIS 300.

DIS 395 INDIVIDUAL WORK IN DECISION SCIENCE AND INFORMATION SYSTEMS. (1-3)
Students confer individually with the instructor. Written paper usually expected and filed in chairperson’s office. May be repeated to a maximum of six credits. Prereq: Approval of instructor and chairperson.

DIS 406 PRODUCTION AND INVENTORY CONTROL. (3)
This course covers advanced topics in inventory and production control including forecasting, planning horizon issues, dynamic lot sizing, reorder point determination, optimal periodic and continuous review policies, multiproduct and multifacility inventory problems, multistage shop scheduling, flowshop scheduling. Prereq: DIS 300, 350, ECO 391.

DIS 450 DECISION ANALYSIS. (3)
The purpose of this course is to provide students with methodologies of problem solving by developing (a) their analytical maturity, (b) their ability to identify problem-generated alternative actions, and (c) their ability to choose among alternative courses of actions. Prereq: Senior standing in College of Business and Economics and DIS 300. (Same as MGT 450.)

DIS 506 PRODUCTIVITY AND QUALITY CONTROL. (3)
This course covers advanced topics in productivity and quality control including acceptance sampling, manufacturing control, process control, reliability, product design and process selection, job design, work measurement, and time and motion studies. Prereq: DIS 300, ECO 391.

DIS 520 ADVANCED BUSINESS DATA PROCESSING AND INFORMATION. (3)
An examination of the use of computers as an aid to business and economic decision making, and related problems in business and economics. Prereq: DIS 320 or equivalent, DIS 350.

DIS 600 PRODUCTION MANAGEMENT. (3)
This course exposes the MBA generalist to the functional area of production in both manufacturing and service sectors. Topics include tactical decisions in production and operative relationships with corporate strategy. The course emphasizes operations planning and control. Prereq: Graduate standing; MGT 611, ECO 610, ACC 628, DIS 650, ECO 611, FIN 600, DIS 651, MKT 600.

DIS 611 THE MANAGEMENT OF COMPUTER INTEGRATED MANUFACTURING. (3)
This course is to provide a broad introduction to the state of the art developments in computer integrated manufacturing systems and the problems of managing such technologies and systems. Topics dealing with the evolving “factory of the future” such as computer aided design, computer aided manufacturing, group technology, flexible manufacturing systems, etc., will be studied. Strategic and managerial implications will be emphasized. Prereq: DIS 600.

DIS 620 MANAGEMENT INFORMATION SYSTEMS IN DECISION MAKING. (3)
In-depth consideration of the value of information in managerial decision making. Topics include issues in design and evaluation of management information systems, decision support systems, and business expert systems. Prereq: DIS 651.

DIS 621 BUSINESS EXPERT SYSTEMS. (3)
Introduction to expert systems and artificial intelligence in the business setting. Discussions include past and current applications of expert systems in business and considerations of future application possibilities. Prereq: DIS 620.

DIS 622 BUSINESS DATA SYSTEM ANALYSIS AND DESIGN. (3)
An introduction to the comparative analysis and business use of various data models. Topics include the theory and design of information storage and retrieval procedures in the context of business information needs. Prereq: DIS 620, CS 101 or consent of instructor.

DIS 623 BUSINESS DECISION SUPPORT SYSTEMS. (3)
Discussion of business decision support system concepts and the applications of these concepts in business organizations. The theoretical development of the decision support system concept is analyzed through review of important literature in this area. Emphasis is placed on the impact of technological advances which form the basis of decision support system software. Current decision support systems are studied and future likely applications considered. Prereq: DIS 620.
DIS 624 MANAGEMENT OF INFORMATION RESOURCES. (3)
The course is designed to prepare students to understand and analyze major issues related to the management of information resources, evaluate the current state of information resources management within an organization, and participate in the management of such resources. Prereq: DIS 620 or consent of instructor. (Same as MGT 624.)

DIS 651 QUANTITATIVE ANALYSIS IN BUSINESS DECISION MAKING. (3)
A study of key problem formulation and solution procedures in business decision making. The topics studied include statistical techniques integrated in decision making under uncertainty, decision trees, queuing problems, and value of information. A major segment of the course is devoted to the study of linear programming problems, sensitivity analysis, assignment problems, and transportation problems. Prereq: MBA standing.

DIS 700 TOPICS IN OPERATIONS MANAGEMENT. (3)
To review the various topics of operations management and to survey the status of the art research in each topic area. Research methodology and research opportunities in each topic area will be identified. May be repeated to a maximum of nine credits.

DIS 720 MANAGEMENT INFORMATION SYSTEMS THEORY. (3)
A theoretical consideration of the role of MIS in managerial decision making. Emphasis is placed on current research in MIS and interrelationships with management science and operations management. Prereq: Consent of instructor.

DIS 751 MANAGEMENT SCIENCE II. (3)
Continuation of MGT 651 to include dynamic programming, game theory, Bayesian Decision Theory, and Monte Carlo techniques. Prereq: DIS 651 or equivalent.

DIS 752 TOPICS IN OPTIMIZATION. (3)
A study of optimization tools employed in decision making in the business and economic setting. Emphasis on characterization and computation of optima with particular attention to modeling. Topics include linear, nonlinear, dynamic, and integer programming, as well as further study of the method of Lagrange, Kuhn-Tucker theory, optimal control theory and sensitivity analysis. Prereq: Consent of instructor.

DIS 753 SEMINAR IN MANAGEMENT SCIENCE. (3-6)
Each semester some topic in management science such as simulation, queuing theory, stochastic processes, numerical methods, and Bayesian Decision Theory will be studied intensively. Prereq: DIS 751, 752.

DIS 780 STUDIES IN DECISION SCIENCE AND INFORMATION SYSTEMS. (3)
This course will analyze the current research topics of interest in the decision sciences. Possible areas of study may include: network management, multiple-criteria decision making; data envelopment analysis, combative decisions, and models for service organizations. May be repeated to a maximum of nine credits. Prereq: DIS 751 or consent of instructor.

DIS 790 SPECIAL TOPICS IN MANAGEMENT DECISION SYSTEMS (Subtitle required). (3)
This is a variable topic course enabling focused doctoral student investigation of current research areas. It is anticipated that the course grade will be based on individual student's semester research papers in the course topic area. May be repeated to a maximum of 12 credits under different subtitles. Prereq: DIS 751 or consent of instructor.

DMT 114 AN INTRODUCTION TO MERCHANDISING. (3)
An introduction to merchandising with emphasis on apparel and textiles. A survey of the retail structures which facilitate the merchandising of goods and services.

DMT 120 TEXTILES FOR CONSUMERS. (3)
A study of textiles with emphasis on consumer applications. Properties of fibers, yarns, fabric structures, colors, and finishes as related to end use. Survey of legislation and of maintenance requirements. Not open to DMT majors. Credit may not be earned for both DMT 120 and 121.

DMT 121 TEXTILES. (4)
The study of the chemical and physical properties of textiles from fiber to finished fabric. Laboratory analysis of the relationship between properties and performance characteristics. Survey of legislation, maintenance requirements, and product specifications. Credit may not be earned for both DMT 120 and 121. Lecture, three hours; laboratory, two hours. Prereq: Departmental majors.
DMT 335 INTERIOR BUILDING SYSTEMS I. (3)
An introduction and overview of structural, electrical, mechanical, thermal and acoustical systems of buildings. Emphasis is on case-study analysis and problem-solving related to the integration of building systems and interior environments. Subject matter includes code analysis and interpretation. Lectures, discussions, readings, research and field trips. Prereq: DMT 254.

DMT 349 ANALYSIS OF HOUSING FORMS. (3)
The influence of social, cultural, political, and economic factors on housing, design, and construction. An historical analysis with emphasis on housing design theories in the U.S. during the 20th century. Lectures, discussions, readings, research and field trips.

DMT 355 INTERIOR DESIGN STUDIO 1. (5)
Studio problems in interior design related to behavioral responses to static and kinetic spaces in personal and small group situations. Research analyses, discussions, critiques, field trips. Studio, 10 hours per week. Prereq: DMT 244, DMT 254, DMT 264 and approval for continuation from the Sophomore Portfolio Review. Concur: DMT 365.

DMT 356 INTERIOR DESIGN STUDIO 2. (5)
Intermediate studio problems in interior design. Emphasis on issues of public and private use of interior spaces such as exhibit/retail spaces, private and open office spaces, financial institution spaces and hospitality spaces. Research, analyses, discussions, critiques, field trips. Studio, 10 hours per week. Prereq: DMT 355, DMT 365; concur: DMT 346.

DMT 359 SPECIAL TOPIC IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES (Subtitle required). (1-3)
Exploration of specific topic in the field of interior design, merchandising, and textiles. May be repeated to a maximum of six credits. Prereq: Junior standing or consent of instructor prior to registration.

DMT 365 INTERIOR DESIGN FINISH MATERIALS. (3)
An analysis and evaluation of interior design finish materials and production methods. Emphasis on health-safety factors, performance attributes, and user requirements. Lectures, discussions, field trips, research, analyses, calculations. Prereq: DMT 121; Concur: DMT 355.

DMT 366 INTERIOR BUILDING SYSTEMS II. (3)
An in-depth study of principles, design requirements and equipment for ambient, task and decorative illumination as utilized in the interior environment. Emphasis is on methods of light generation, control, product analysis, selection, and specification. Lectures, discussion, related readings, calculations and field trips. Prereq: DMT 335.

DMT 367 COMPUTER-AIDED DESIGN. (3)
A study of the methods by which the computer may be used as a tool within the interior design profession. Lectures, laboratory, readings, discussions, functional analysis, research, and field trips. Lecture, two hours; laboratory, two hours per week. Prereq: DMT 257.

DMT 395 INDEPENDENT STUDY IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES. (1-3)
Problems involving independent laboratory, studio, and/or library study conforming to the student’s special interest under the direction of an appropriate faculty member having proficiency in the area selected. May be repeated to a maximum of six credits. Prereq: Consent of instructor and contractual agreement.

DMT 414 MERCHANDISING PROCEDURES. (3)
Application of retail management and merchandising principles to the distribution of fashion goods and services. Prereq: DMT 114, 310, MKT 300, ACC 201, ECO 201, 202.

DMT 415 APPLIED INDUSTRY PLANNING AND CONTROL. (3)
Study and application of design, production and retail planning and control procedures which are essential to the industry. Prereq: DMT 114, 310, MKT 300, ACC 201, ECO 201, 202.

DMT 432 APPAREL DESIGN. (3)
This is an applied design course involving the aesthetic, functional and structural aspects of contemporary clothing. Emphasis is given to women’s fashion apparel. Factors affecting the evolution of apparel designs and the cyclic aspects of fashion in addition to aesthetics, function, structure and fabrication are considered. Studio work involves study of the design process and development of competency in fashion sketching. Sketching techniques are utilized in both exploring design problems and communication solutions. Analysis of specific human needs to be met by apparel items, problems of fabrication and marketing are basic for effective apparel design problem solution. Prereq: DMT 232 or DMT 306, 237 and 310.

DMT 450 INTRODUCTION TO RESEARCH IN MERCHANDISING, APPAREL AND TEXTILES. (3)
Study of research theory and its application to issues in merchandising, apparel and textiles. Prereq: DMT 310, MKT 300 and STA 200.

DMT 466 INTERIOR DESIGN PROFESSIONAL PRACTICE. (3)
The development of custom design elements and studies within the framework of professional business practices and documentation. Lectures, discussions, guest speakers, field trips and design exercises, including developmental sketches, material selection, shop drawings, and scaled prototypes. Prereq: Senior standing.

DMT 480 MERCHANDISING AND DESIGN STUDY TOUR. (1-3)
A domestic or foreign study tour to include investigation of interests related to merchandising, apparel, and design. Professional visits are planned according to particular itineraries. Application and payment dates are determined each semester by the instructor. This course may be repeated one time if tour destinations are different. Prereq: Priority is given to majors and upperclassmen. All students are subject to instructor approval.

DMT 490 INTERNSHIP. (3, 6, or 9)
Supervised experience with a cooperative retail, design, or industrial establishment. Fall and summer semesters. Applications must be submitted spring semester according to a designated schedule established by the department. Prereq: Senior standing and approval of department.

DMT 515 SPECIFICATION AND EVALUATION OF TEXTILES AND APPAREL. (3)
The course will focus on product development and quality control in textile products (Apparel and Interiors), by developing specifications and evaluating the quality of a textile product. Prereq: DMT 121, DMT 306 or consent of instructor.

DMT 520 TEXTILES FOR INTERIORS. (3)
Selection, cost, expected performance and care of textiles used in residential and commercial interiors. Prereq: DMT 120, 121.

DMT 522 HISTORY OF TEXTILES. (3)
Survey of the development of textiles from ancient to modern times. Emphasis on social, economic, technological and political effects on the evolution of textile fibers, fabric structures, color and design. Field trips. Prereq: DMT 120 or 121, plus six hours in European history, Western culture, or art history.

DMT 525 ECONOMICS OF THE APPAREL AND TEXTILE INDUSTRY. (3)
A critical review of the apparel and textile industries, including structure, marketing practices, and government policies that affect merchandising and consumption of apparel and textile products. Factors such as the role of labor unions will be examined as well as the effects of international trade on apparel and textile products. Prereq: DMT 120 or 121, ECO 201, 202.

DMT 532 ADVANCED APPAREL PRODUCTION STUDIO (Subtitle required). (3)

DMT 533 HISTORY OF COSTUME. (3)
Development of costume from ancient to modern times with consideration of historic, social, and economic setting. Field trips. Prereq: Six hours in European history, Western culture, or art history; or consent of instructor.

DMT 545 CLOTHING FOR SPECIFIC NEEDS. (3)
A study of the social, psychological, and functional needs of clothing related to specific populations such as the elderly, children, handicapped persons, and occupational groups. Field trips. Prereq: DMT 247.

DMT 547 SOCIAL AND PSYCHOLOGICAL ASPECTS OF APPAREL. (3)
An advanced study of the social, psychological factors which influence apparel and apparel use with particular emphasis on research. Prereq: DMT 247 for majors only. Non-majors: three hours in sociology or anthropology and three hours in psychology. (Same as SOC 547.)

DMT 557 INTERIOR DESIGN STUDIO 3. (5)
Advanced studio problems in interior design related to commercial spaces: retail, office, financial and hospitality. Studio experiences, analyses, discussions, readings and field trips. Studio, 10 hours per week. Prereq: DMT 356.

DMT 558 INTERIOR DESIGN STUDIO 4. (5)
Specialized studio problems in interior design related to institutional spaces such as schools, hospitals and health care facilities. Studio experiences, analyses, discussions, readings and field trips. Studio, 10 hours per week. Prereq: DMT 557.
DMT 559 SPECIAL TOPIC IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES. (Subtitle required). (1-3)
Advanced in-depth study of interior design, merchandising, and textiles. May be repeated to a maximum of six credits. Prereq: Senior standing or consent of instructor prior to registration.

DMT 589 RES/PRES I: INTRODUCTORY CONCEPTS OF RESTORATION AND PRESERVATION. (3)
A general introduction to the separate and definable qualities of restoration and preservation as employed by the client/designer. A survey of 18th and 19th century architectural characteristics, related government agencies, local and national case studies. Class emphasis on readings, discussions, visuals, site visitations, and guest speakers. Prereq: Senior standing or consent of instructor.

DMT 595 INDEPENDENT STUDY IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES. (1-3)
Problems involving independent laboratory, studio, and/or library study conforming to the student’s special interest under the direction of an appropriate faculty member having proficiency in the area selected. May be repeated to a maximum of six credits. Prereq: Senior standing or consent of instructor and contractual agreement.

DMT 600 RESEARCH METHODOLOGY IN HUMAN ENVIRONMENTAL SCIENCES. (3)
Students will study scientific techniques and accepted research methodologies in human environmental science research. Emphasis is placed on understanding the research process and developing the skills necessary to evaluate and implement research methods and design procedures. Prereq: Graduate standing. (Same as HES 600.)

DMT 622 ADVANCED HISTORY OF TEXTILES.
DMT 633 ADVANCED HISTORY OF COSTUME.
DMT 641 REGIONAL VARIATIONS IN COLONIAL AMERICAN DESIGN.
DMT 642 HISTORIC AMERICAN INTERIORS.
DMT 646 CURRENT RESEARCH ISSUES IN ENVIRONMENTAL DESIGN.

DMT 650 SURVEY OF CURRENT THEORIES AND LITERATURE. (3)
An intensive survey of the theoretical and empirical literature related to the area of interior design, merchandising, apparel and textiles. Emphasis will be placed on research literature and theory building.

DMT 655 ISSUES IN CREATIVITY AND DESIGN. (3)
This course will examine theory and research on creativity. The emphasis will be on social structure, social roles, norms and socialization processes related to creativity such as personality, process, and press. Throughout the course, emphasis will be given to theoretical frameworks and methodological procedures necessary to advance understanding of creativity to help students form a knowledge base for developing an in-depth research topic. Prereq: Graduate standing.

DMT 659 INTERIOR DESIGN STUDIO 5.
DMT 660 INTERIOR DESIGN STUDIO 6.
DMT 665 ENVIRONMENTAL ISSUES RELATED TO INTERIOR DESIGN.

DMT 669 ADVANCED COLOR THEORY AND APPLICATION. (3)
Advanced color theory will examine the physical, psychological, historical and technical perspectives. Application of color theory to textiles and apparel and the built environment. Including color forecasting, technical processes, color specification, and quality control. Prereq: Introduction to Textiles, Introduction to Color Theory.

DMT 700 RESEARCH PROBLEMS IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES. (3)
Independent research for the exploration of a specific problem in interior design, merchandising, and textiles. May be repeated to a maximum of six credits. Prereq: Eighteen credit hours of graduate work.

DMT 748 MASTER’S THESIS RESEARCH. (0)
Half-time to full-time work on thesis. May be repeated to a maximum of six semesters. Prereq: All course work toward the degree must be completed.

DMT 759 SPECIAL TOPICS IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES. (Subtitle required). (1-3)
Advanced work on a specific topic in interior design, merchandising, and textiles. May be repeated to a maximum of twelve credits. Prereq: Graduate standing.

DMT 768 RESIDENCE CREDIT FOR THE MASTER’S DEGREE. (1-6)
May be repeated to a maximum of 12 hours.

DMT 772 SEMINAR IN INTERIOR DESIGN, MERCHANDISING AND TEXTILES. (1-3)
Current investigation of interior design, merchandising and textiles. May be repeated to a maximum of six credits.

DMT 785 INDEPENDENT STUDY IN INTERIOR DESIGN, MERCHANDISING, AND TEXTILES. (1-3)
Problems involving independent laboratory, studio, and/or library study conforming to the student’s special interest under the direction of an appropriate faculty member having proficiency in the area selected. May be repeated to a maximum of six credits.

DMT 850-899 FOURTH-YEAR ELECTIVE FOR MEDICAL STUDENTS. (1-6)
With the advice and approval of the Third and Fourth Year Curriculum and Student Progress Committee, the fourth-year student may choose approved electives offered by the various departments in the College of Medicine. The intent is to provide the student an opportunity to develop his fund of knowledge and clinical competence. Prereq: Approval of Third and Fourth Year Curriculum and Student Progress Committee.

Approved electives:
DR 850 FOURTH-YEAR ELECTIVE IN DIAGNOSTIC RADIOLOGY
DR 855 NUCLEAR MEDICINE
DR 856 PEDIATRIC RADIOLOGY
DR 890 OFF-SITE CLERKSHIP IN DIAGNOSTIC RADIOLOGY