

INTERIOR DESIGN IDES

**School of Planning,
Design and Construction
College of Agriculture and
Natural Resources**

- 140 Design for Living**
Fall, Spring, Summer. 3(3-0) SA: HED 140
Interior design from the human ecological perspective. The reciprocal impact of the designed environment on human behavior, design terminology, and the design process.
- 142 Design Theory Studio**
Fall, Spring, Summer. 3(0-6) P:M: (IDES 140 or concurrently) R: Open only to students in the Interior Design major. SA: HED 142
Design elements and principles in creative problem solving.
- 150 Interior Design Drafting**
Fall, Spring, Summer. 3(1-4) R: Open only to students in the Interior Design major. SA: HED 150
Drafting and two-dimensional drawing for interior design.
- 152 Interior Environments**
Fall. 4(4-0) SA: HED 152
Interior design fundamentals and human behavior. Space planning, furnishing, and selection of materials and components for residential and commercial interiors.
- 240 Computer-Aided Design for Designers**
Fall, Spring, Summer. 3(1-4) SA: HED 240
Introduction to computer-aided design applications.
- 250 CAD and Structural Systems**
Fall, Spring. 3(1-4) P:M: (IDES 240) SA: HED 250
Application of computer-aided design and structural principles in generating design solutions.
- 252 Interior Design Synthesis I**
Spring. 4(1-6) P:M: (IDES 140 and IDES 142 and IDES 150 and IDES 152 and HED 231) R: Open only to sophomores or juniors or seniors in the Interior Design major. SA: HED 252
Design process with emphasis on problem resolution for residential and commercial interiors.
- 340 Interior Design Specifications and Workroom Practices**
Fall. 3(2-2) P:M: (IDES 252) and completion of Tier I writing requirement. R: Approval of department. SA: HED 340
Specifications and workroom practices used for fabrication and installation of design solutions for interior spaces. Field trip required.
- 342 Interior Design: Human Dimensions**
Fall. 3(2-2) P:M: (IDES 252) R: Approval of department. SA: HED 342
Human dimensions as determining factors in designing human environments. Standards and concepts of universal fit.

- 217 Water and the Environment**
Fall, Spring. 3(3-0) P:M: (MTH 103 or MTH 110 or MTH 116 or LBS 117 or MTH 106 or concurrently or MTH 124 or concurrently or MTH 132 or concurrently or MTH 201 or concurrently or STT 200 or concurrently or STT 201 or concurrently)
Application of the scientific method to identification and solution of environmental problems related to water.
- 217L Water and the Environment Lab**
Fall, Spring. 2(1-2) P:M: (ISP 217 or concurrently)
Application of the scientific method to identification and solution of environmental problems related to water.
- 221 Earth Environment and Energy**
Fall, Spring, Summer. 3(3-0) P:M: (MTH 103 or MTH 110 or MTH 116 or LBS 117 or MTH 112 or concurrently or MTH 124 or concurrently or MTH 132 or concurrently or MTH 201 or concurrently or STT 200 or concurrently or STT 201 or concurrently)
Flow of energy into, through, and out of the earth's lithosphere, hydrosphere, atmosphere, and biosphere. Energy, entropy, and life processes. Global warming, greenhouse effect, and contemporary issues.

**INTEGRATIVE ISS
STUDIES IN SOCIAL,
BEHAVIORAL AND
ECONOMIC SCIENCES**

**Center for Integrative Studies
in Social, Behavioral and
Economic Science
College of Social Science**

- 210 Society and the Individual (D)**
Fall, Spring, Summer. 4(4-0)
Evolution of human behavior with an emphasis on the individual and society. Family and kinship, social organizations. Societal types, personality, and the life cycle.
- 215 Social Differentiation and Inequality (D)**
Fall, Spring, Summer. 4(4-0)
Types, causes and consequences of stratification in human societies. Age, class, gender, race and other factors which define social position. Education, occupation, political economy.
- 220 Time, Space and Change in Human Society (D)**
Fall, Spring, Summer. 4(4-0)
Evolutionary, ecological, and spatial theories of adaptation and change. Cultural evolution from prehistoric foraging to the post-industrial age. Continuity and change in the emergence and development of contemporary ways of life.
- 225 Power, Authority, and Exchange (D)**
Fall, Spring, Summer. 4(4-0)
Power, authority, and exchange in organizing societies. Costs and limitations of power. Institutionalization of authority. Systems of exchange: planned vs. market economies.
- 310 People and Environment (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Contemporary issues related to the interaction of socio-cultural and ecological systems. Global, regional, national and local environmental problems and responses.
- 315 Global Diversity and Interdependence (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Contemporary issues in global political economy. Social forces and competing ideologies in a world context. Global resource distribution and development strategies. National identities and transnational linkages. First and Third World dichotomies.
- 320 World Urban Systems (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Patterns of urbanization in various areas of the world over time. Linkage within and between urban centers. Economic, political and social/behavioral accommodation and adaptation to urban growth and change.
- 325 War and Revolution (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Social conflict, wars and revolutions. Patterns of individual and collective action. Violence and conflict resolution.
- 330A Africa: Social Science Perspectives (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Comparative study of geography, cultures, politics, and economies of Africa. Diversity and change.
- 330B Asia: Social Science Perspectives (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Comparative study of geography, cultures, politics, and economies of Asia. Diversity and change.
- 330C Latin America: Social Science Perspectives (I)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225)
Comparative study of geography, cultures, politics, and economies of Latin America. Diversity and change.
- 335 National Diversity and Change: United States (N)**
Fall, Spring, Summer. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225) SA: ISS 335A
Racial, ethnic, class, gender, and other forms of diversity in the United States. Systems of dominant-minority relations and forms of prejudice and discrimination. Scope of and responses to group inequalities.
- 336 Canada: Social Science Perspectives (I)**
Spring. 4(4-0) P:M: (ISS 210 or ISS 215 or ISS 220 or ISS 225) SA: ISS 335B
Canadian political, economic, and social institutions. Ethnic and other forms of diversity in Canada. North American national comparisons.

Interior Design—IDES

- 343 Interior Design Presentation and Media**
Fall. 3(0-6) P:M: (IDES 252) R: Open only to juniors or seniors in Interior Design and approval of department. SA: HED 242, HED 343

Design communication through two- and three-dimensional drawings in media. Presentation procedures and techniques.

- 344 History of Interior Design: Ancient Through Rococo**
Fall. 3(3-0) R: Not open to freshmen. SA: HED 344

Historical development of furniture, textiles, and other decorative arts in interior design and architecture.

- 350 Interior Design Lighting and Environmental Systems**
Spring. 3(2-2) P:M: (IDES 340 and IDES 342 and IDES 343) R: Approval of department. SA: HED 350

Lighting and environmental systems including lighting, ventilation, acoustics, heating and cooling. Integration of lighting and environmental systems with interior space.

- 352 Interior Design Synthesis II**
Spring. 4(1-6) P:M: (IDES 340 and IDES 342 and IDES 343) R: Approval of department. SA: HED 352

Concept development and problem solving in design of interior spaces to meet human and environmental needs. Cultural diversity and client interaction.

- 354 History of Interior Design: Neo-Classical Through Modern**
Spring. 3(3-0) R: Not open to freshmen. SA: HED 354

Historical development of furniture, textiles and the other decorative arts from the neoclassical through the modern period. Major social, cultural, and psychological influences.

- 393 Introduction to Professional Practice**
Fall. 1(1-0) SA: HED 393

Introduction to the design profession and its opportunities, focusing on career planning and preparation.

- 440 Contemporary Design Issues**
Spring. 2(2-0) P:M: (IDES 442) and completion of Tier I writing requirement. SA: HED 440

Issues related to design professionals and their clients.

- 442 Interior Design Programming**
Fall. 3(1-4) P:M: (IDES 350 and IDES 352) and completion of Tier I writing requirement. R: Approval of department. SA: HED 442

Identifying, programming, and preparing schematics of the senior interior design project. Studio sketch portfolio guidelines. Site visits required.

- 452 Interior Design Synthesis III**
Spring. 4(1-6) P:M: (IDES 442) and completion of Tier I writing requirement. R: Approval of department. SA: HED 452

Advanced studio processes for solving complex interior design problems. Professional practice standards, ethics, and client interaction.

INTERNAL MEDICINE IM

Department of Internal Medicine College of Osteopathic Medicine

- 400 Emergency Medicine Research I**
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P:M: Completion of Tier I writing requirement. RB: Pre-professional health science. R: Approval of department.

Participation with an emergency medicine resident and faculty member on an emergency medicine research project. Experience in data collection, data entry, statistical analysis, and manuscript preparation.

- 401 Clinical Emergency Medicine Research I**
Fall, Spring. 4(2-4) RB: Pre-professional health science. R: Open only to juniors or seniors. Approval of department.

Participation in multiple research projects at an off-campus hospital. Experience in data collection and analysis. Emphasis on writing reports covering topics in emergency medicine.

- 402 Emergency Medicine Research II**
Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 credits in all enrollments for this course. P:M: (IM 400) RB: Pre-professional health science. R: Approval of department

Continuation of IM 400 with participation in an existing or new emergency medicine research project. Emphasis on developing advanced skills in research design, data collection, data entry, statistical analysis, and report writing.

- 403 Clinical Emergency Medicine Research II**
Fall, Spring. 4(2-4) P:M: (IM 401) RB: Pre-professional health science. R: Approval of department.

Advanced research in clinical emergency medicine. Experience developing a clinical research question and proposal writing. Data analysis using a statistical software package. Writing up research results

- 590 Special Problems in Internal Medicine**
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine. Approval of department.

Students work under faculty direction on an experimental, theoretical, or applied problem.

- 602 Primary Care Ambulatory Clerkship**
Fall, Spring, Summer. 1 to 36 credits. A student may earn a maximum of 36 credits in all enrollments for this course. Interdepartmental with Osteopathic Medicine; Osteopathic Surgical Specialties; Pediatrics; Psychiatry; Family and Community Medicine. Administered by College of Osteopathic Medicine. RB: Successful completion of the preclerkship requirements in College of Osteopathic Medicine Units I and II.

A 24-week ambulatory care continuity experience involving 12 weeks in a multidisciplinary environment (family medicine, pediatrics, and internal medicine), 4 weeks in family medicine and 8 weeks in specialty areas (internal medicine, surgery, pediatrics, and obstetrics and gynecology). Didactic sessions are scheduled concurrently.

- 618 Clinical Tropical Medicine**

Fall. 2(2-0) SA: CMS 618
Selected topics such as African AIDS, malaria, onchocerciasis, tuberculosis, and schistosomiasis. Pathophysiology, treatments, epidemiology, current research, and controversies.

- 620 Directed Studies**
Fall, Spring, Summer. 1 to 30 credits. A student may earn a maximum of 48 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Individual or group work on special problems in medicine related to internal medicine.

- 621 Clinical Tropical Medicine Clerkship**
Spring. 1 to 20 credits. Spring: Malawi, Central Africa. A student may earn a maximum of 20 credits in all enrollments for this course. RB: (IM 618) R: Open only to graduate-professional students in the colleges of Osteopathic and Human Medicine in final year. SA: CMS 621

Supervised clinical experiences in a large African teaching hospital and its outpatient clinics; students must spend at least six weeks on site. Small group discussions led by MSU faculty.

- 650 Medicine Clerkship**
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Clinical exposure in osteopathic medicine. Program developed to achieve proficiency in motor skills and aptitudes; comprehension of concepts and principles; patient evaluation; diagnosis; management; therapy.

- 651 Cardiology Clerkship**
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Intensive experience in bedside diagnosis and care of patients with the more frequently seen cardiac problems.

- 652 Gastroenterology Clerkship**
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Inpatient and outpatient clinical gastroenterology. GI diseases. Patient evaluation and management. Behavioral science and patient care.

- 653 Oncology and Hematology Clerkship**
Fall, Spring, Summer. 1 to 20 credits. A student may earn a maximum of 30 credits in all enrollments for this course. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II.

Diagnosis, staging, and treatment methods of solid tumors and other neoplasms. Pharmacology of cytotoxic agents. Issues in nutrition. Behavioral approaches to the terminally ill patient.