

Osteopathic Medicine—OST

- 535 Principles of Geriatrics**
Summer. 2(2-0) P:M: (OMM 505 and OST 525 and FCM 650 and OST 523 and OST 521 and OST 524 and OST 519 and OST 520) R: Open only to graduate-professional students in the Colleges of Osteopathic and Human Medicine or approval of department. SA: CMS 522
Lectures, readings, tapes, small group seminars, and home visits related to normal aging epidemiology. Major chronic diseases and other issues of geriatric care.
- 536 Behavioral System**
Fall. 2(2-0) P:M: (OST 511 and PHM 563 and OMM 503 and RAD 553) Not open to students with credit in OST 520.
Health promotion models, health behavior, stress and coping, and human sexuality.
- 537 Substance Abuse**
Spring. 1(1-0) P:M: (OMM 504 and OST 527 and OST 530 and OST 522 and FCM 640 and OST 512 and OST 536 and OST 529) Not open to students with credit in OST 520.
Substance abuse models, screening and interventions.
- 538 Chronic Illness**
Spring. 1(1-0) P:M: (OMM 504 and FCM 640 and OST 527 and OST 512 and OST 530 and OST 536 and OST 522 and OST 529) Not open to students with credit in OST 520.
Psychosocial aspects of chronic illness. Understanding and treating pain.
- 540 Aspects of Clinical Medicine**
Summer. 2(1-1) P:M: (ANT 551 and PSL 534 and NOP 552 and RAD 552 and PSL 535 and OMM 505 and OST 511 and BCH 514 and BCH 526 and OST 502 and OST 505 and MMG 522 and PTH 542 and PHM 563 and OST 529) and (OST 512 and OST 522 and OST 527 and OST 520 and OST 530 and OST 524 and OST 525 and OST 523 and OST 521 and OST 519 and FCM 640 and FCM 650)
Correlation of information gathering and clinical decision-making related to common patient presenting symptoms.
- 560 Neuropathology Problem Solving Exercises**
Fall, Spring, Summer. 2(0-4) Interdepartmental with Human Medicine. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. SA: PTH 525
Independent study of neuropathology problem solving exercises.
- 561 Basic Principles of Pathology**
Spring. 2 credits. Interdepartmental with Human Medicine. Administered by College of Human Medicine. R: Graduate-professional students in colleges of Human and Osteopathic Medicine. SA: PTH 542
Fundamental pathologic processes. Clinical applications.

- 590 Special Problems**
Fall, Spring, Summer. 1 to 24 credits. A student may earn a maximum of 60 credits in all enrollments for this course. R: Open only to graduate-professional students in College of Osteopathic Medicine. Approval of college.
Individual study directed by a faculty member on an experimental, theoretical, or applied problem.
- 600 Spanish For Medical Terminology**
Fall, Spring. 1(1-0) A student may earn a maximum of 2 credits in all enrollments for this course. RB: Some basic Spanish experience/conversation.
Practicing patient interview skills in Spanish.
- 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 Internal Medicine; Osteopathic Surgical Specialties; Pediatrics; Psychiatry; Family and Community 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.
- 609 Laboratory Medicine Clerkship**
Fall, Spring, Summer. 1 to 8 credits. Fall: Flint G.Rapids Kalamazoo Lans Saginaw UP. Spring: Flint G.Rapids Kalamazoo Lans Saginaw UP. Summer: Flint G.Rapids Kalamazoo Lans Saginaw UP. A student may earn a maximum of 16 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. SA: PTH 609
Laboratory procedures. Correlation of laboratory data with morphologic abnormalities in patients with pathophysiology.
- 610 Pathology Clerkship**
Fall, Spring, Summer. 1 to 8 credits. A student may earn a maximum of 12 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by College of Human Medicine. R: Open only to graduate-professional students in College of Human Medicine or Osteopathic Medicine. SA: PTH 608
Anatomic and clinical pathology with emphasis on clinical-pathological correlation. Conducted in pathology departments of affiliated hospitals.

OSTEOPATHIC OSS SURGICAL SPECIALTIES

Department of Osteopathic Surgical Specialties College of Osteopathic Medicine

- 512 Biostatistics and Epidemiology**
Summer. 2(2-0) R: Open only to graduate and graduate-professional students in the Colleges of Osteopathic Medicine, Human Medicine, and Nursing or approval of department. SA: CMS 512, OM 512
Medical literature to illustrate statistical reasoning and research design. Emphasis on analysis rather than computation. Prospective or retrospective studies. Sensitivity, specificity, and predictive values. Epidemiologic terminology.
- 590 Special Problems**
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. SA: OM 590
Each student works 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 Internal Medicine; Osteopathic Medicine; Pediatrics; Psychiatry; Family and Community 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.
- 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. SA: OM 620, OM 620
Individual or group work on special problems in medicine.
- 651 Obstetrics and Gynecology Clerkship**
Fall, Spring, Summer. 1 to 9 credits. A student may earn a maximum of 9 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. SA: OM 651, OM 651
Obstetric patient evaluation and management: motor skills, aptitudes, evaluation of postpartum patient and management of gynecologic problems.

653 Surgery Clerkship
 Fall, Spring, Summer. 1 to 12 credits. A student may earn a maximum of 12 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. SA: OM 653, OM 653

Surgical diagnosis, management, and treatment. Structure developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, therapy.

654 Anesthesiology Clerkship
 Fall, Spring, Summer. 1 to 4 credits. A student may earn a maximum of 4 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. SA: OM 654, OM 654

Motor skills, concepts and principles, patient evaluation, management and therapy.

656 Orthopedic 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. SA: OM 656, OM 656

Program developed to achieve proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.

658 Otorhinolaryngology 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. SA: OM 658, OM 658

Develop proficiency in motor skills, aptitudes, comprehension of concepts and principles, patient evaluation, diagnosis, management, and therapy.

OFFICE OF THE PROVOST

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Office of the Provost

101 Freshman Seminar
 Fall, Spring. 0 to 1 credits. A student may earn a maximum of 2 credits in all enrollments for this course. R: Open only to freshmen.

Introduction to the academic life of the University. Special topics proposed by faculty to engage the interests of new students.

INTEGRATIVE MANAGEMENT PIM

The Eli Broad College of Business The Eli Broad College of Business and The Eli Broad Graduate School of Management

800 Managerial Skills
 Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Approaches to effective group management in business organizations. Creating, maintaining, and leading work groups.

801 Firm Analysis
 Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Faculty supervised analysis of the student's employing organization. Organization and financial structure. Information, accounting, operating, and marketing systems.

802 Environmental Analysis
 Spring. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Faculty supervised analysis of the student's employing organization. Customer and competitor analysis. Legal and financial environment. Human resource issues.

803 Strategic Analysis
 Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Faculty supervised analysis of the student's employing organization. Strategy formulation and policy integration.

811 Financial Accounting Concepts
 Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Financial reporting issues from a user's perspective. Measurement, valuation, and reporting concepts and issues. Analysis and use of financial accounting information for decision making.

812 Managerial Accounting Concepts
 Fall. 1(1-1) RB: (PIM 811) R: Open only to MBA students in the Program in Integrative Management.

Accounting information for decision making and control: cost behavior patterns, activity-based costing, cost allocations, budgeting, transfer pricing, and accounting controls. Application of course concepts to work environment.

813 Information Systems
 Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Information, process, and technology architectures of corporate information systems. Role of information in organizational control and decision making. Methods for evaluating effectiveness of information systems. Application of course concepts to the work environment.

821 Managerial Economics
 Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Economics of the firm, with applications. Supply and demand, production and cost, competitive markets, pricing with market power, strategic behavior.

822 Macroeconomics for Managers
 Summer. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Determinants of national income, employment, and inflation. Macroeconomic environment of business: business fluctuations, fiscal and monetary policy, international capital flows, and forecasting macroeconomic data.

831 Managerial Legal Environment
 Spring. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

The U.S. legal system. The interrelationship of law and ethics. Regulation of business by courts, state and federal statutes, and governments. Applications of course concepts to work environment.

841 Corporate Finance
 Fall. 1(1-1) RB: (PIM 811) R: Open only to MBA students in the Program in Integrative Management.

Valuation techniques for bonds and stocks. Investment decisions by firms. The relation between risk and return. Pricing models for risk. U.S. capital markets. Application of course concepts to work environment.

842 Managerial Finance
 Spring. 1(1-1) RB: (PIM 811 and PIM 841) R: Open only to MBA students in the Program in Integrative Management.

Market efficiency, capital budgeting, security issues, dividend policy, capital structure, and bankruptcy costs. Agency problems between different stakeholders and option pricing. Application of course concepts to work environment.

850 Analysis and Decision Models
 Summer. 1(1-1) RB: (STT 315) R: Open only to MBA students in the Program in Integrative Management.

Models to support decision making: applications of regression analysis, decision analysis, simulation, forecasting, and project management.

852 Organization Design
 Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Assessing tasks, environments, and technology to organize and implement corporate and business unit strategies. Assessing distinctive competencies in organizations to deal with dynamic environments. Application of course concepts to work environment.

853 Human Resource Management
 Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Strategic organizational issues associated with managing the labor market to acquire, develop, and compensate human resources. Application of course concepts to work environment.

855 Strategic Management
 Fall. 1(1-1) R: Open only to MBA students in the Program in Integrative Management.

Determination of the strategic direction of the firm in a global, complex, and volatile environment. Analysis of the management of strategic actions and processes within and across firm boundaries. Integration of environmental factors and organizational functions in the analysis of management problems.