

640. Principles of Family Medicine I

Fall, 1(0-4)

R: Open only to graduate-professional students in the College of Osteopathic Medicine. Unit I. Systems Biology course or concurrently. Preceptorship experience in family medicine taught by faculty and clinical preceptors at multiple sites.

650. Principles of Family Medicine II

Spring, 1 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course.

P: FM 640. R: Open only to graduate-professional students in the College of Osteopathic Medicine upon completion of Units I and II. Continuation of FM 640.

FAMILY PRACTICE

FMP

**Department of Family Practice
College of Human Medicine**

501. Preceptorship Training

Fall, Spring, Summer, 1 to 8 credits. A student may earn a maximum of 24 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by Human Medicine.

R: One year of graduate-professional program in College of Human Medicine. Field experience in primary care.

515. Health Care in Underserved Areas

Fall of even-numbered years, 2 to 3 credits.

Interdepartmental with Family Medicine. R: Graduate-professional students in colleges of Human and Osteopathic Medicine. Professional, economic, and personal issues confronting the physician practicing in medically underserved areas. Impact of practice location, federal programs, changing patterns of practice, health maintenance organizations.

516. Migrant Worker Health Care

Summer, 1 to 2 credits. A student may earn a maximum of 8 credits in all enrollments for this course.

Interdepartmental with Family Medicine. R: Open only to graduate-professional students in colleges of Human and Osteopathic Medicine. Health beliefs, patient attitudes, economic situations and medical problems of migrant agricultural workers. Introduction to occupational medicine in the agricultural sector.

517. Introduction to Sports Medicine

Fall, 2(2-0) Interdepartmental with Family Medicine.

R: Graduate-professional students in colleges of Human and Osteopathic Medicine. Causes, diagnosis, treatment, and prevention of common sports injuries. Drugs, nutrition, exercise physiology and sports psychology. Emphasis on family practice approach to sports medicine.

518. Sports Medicine II

Spring, 1(0-2)

P: FMP 517. R: Open only to graduate-professional students in College of Human Medicine, and College of Osteopathic Medicine and graduate students in College of Nursing.

This is a continuation of FMP 517, Introduction to Sports Medicine, where practicums and demonstrations expand on students' knowledge from classroom lecture in FMP 517; multidisciplinary aspects of sports medicine through direct observations

520. Primary Care in Developing Countries

Spring of odd-numbered years, 2(2-0)

R: Open only to graduate-professional students in colleges of Human and Osteopathic Medicine. Practical skills for medical problem solving in developing countries: physician experiences, cross-cultural training, instruction of health workers, resource allocation; coping with special challenges, e.g., malnutrition.

580. Special Topics in Family Practice

Fall, Spring, Summer, 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

R: Graduate-professional students in colleges of Human and Osteopathic Medicine. Exploration of special aspects of family practice. Possible examples include ethnicity and aging, clinical nutrition, sports medicine, death and dying, health care of women, research methods in primary care.

602. Clinical Medicine in the Community

Fall, Spring, Summer, 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: Completion of preclinical curriculum. R: Open only to graduate-professional students in College of Human Medicine. Data gathering with formulation and presentation of plans for patients. Assessment of readiness for clinical clerkships. Exposure to community hospitals and ambulatory settings.

605. Comprehensive Care Clerkship

Fall, Spring, Summer, 4 to 20 credits. A student may earn a maximum of 20 credits in all enrollments for this course. Interdepartmental with Human Medicine. Administered by Human Medicine.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Comprehensive and longitudinal management of patients in ambulatory care settings.

608. Family Practice Clerkship

Fall, Spring, 12 credits. A student may earn a maximum of 36 credits in all enrollments for this course.

P: FMP 602. R: Open only to graduate professional students in College of Human Medicine. Clinical experience in primary care in family physicians, offices and in hospitals.

610. Elective Clerkship in Family Practice

Fall, Spring, Summer, 6 to 12 credits. A student may earn a maximum of 18 credits in all enrollments for this course.

P: FMP 602. R: Open only to third or fourth year graduate-professional students in College of Human Medicine. Experience in family practice in diverse settings. Primary, continuing and comprehensive care.

612. Inpatient Clerkship in Family Practice

Fall, Spring, Summer, 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Demonstration of the role of the family physician in hospital settings. Management of consultations and referrals.

613. Clinical Research in Rural Practice

Fall, Spring, Summer, 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Investigation of clinical topics in rural family practice. Application of survey and epidemiologic research methods. Use of clinical data.

615. Medical Care in Developing Countries

Fall, Spring, Summer, 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Supervised experience in hospitals, outpatient clinics, villages and medical research centers in developing countries.

617. Sports Medicine Clerkship

Fall, Spring, Summer, 6 to 12 credits. A student may earn a maximum of 12 credits in all enrollments for this course.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Primary care aspects of sports medicine. Care of acute and chronic sports injuries, mostly of college level athletes.

619. Ambulatory Care Clerkship

Fall, Spring, Summer, 1 to 3 credits. A student may earn a maximum of 15 credits in all enrollments for this course. Interdepartmental with Medicine, and Pediatrics.

P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. Continuous and comprehensive patient care under supervision of appropriate physicians.

635. Core Competencies I

Fall, 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

Interdepartmental with Human Medicine, Medicine, and Pediatrics and Human Development. Administered by Human Medicine. P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

636. Core Competencies II

Spring, 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

Interdepartmental with Human Medicine, and Medicine. Administered by Human Medicine. P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

637. Core Competencies III

Spring, Summer, 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course.

Interdepartmental with Human Medicine, Medicine, Pediatrics and Human Development, Surgery, and Obstetrics, Gynecology and Reproductive Biology. Administered by Human Medicine. P: FMP 602. R: Open only to graduate-professional students in College of Human Medicine. A weekly seminar addressing core knowledge and skills from an interdisciplinary perspective.

640. Advanced Comprehensive Care

Fall, Spring, Summer, 6 credits. A student may earn a maximum of 18 credits in all enrollments for this course.

Interdepartmental with Human Medicine, Medicine, Pediatrics and Human Development, Surgery, and Obstetrics, Gynecology and Reproductive Biology. Administered by Human Medicine. FMP 608, PHD 600, MED 608. R: Open only to graduate-professional students in College of Human Medicine. Clinical experience in community-oriented primary care. Emphasis on urban and rural underserved populations.

**Descriptions — Family Practice
of
Courses**

**82L. Epidemiology of the Health and
Cognitive Status of the Elderly**
Fall of odd-numbered years. 3(3-0)

P: HM 810 or concurrently.

Interpretation of research on the health and cognitive status of elderly. Interpretation of statistical tests of hypotheses. Conclusions based on data.

FINANCE AND INSURANCE FI

**Department of Finance and
Insurance**

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

311. Financial Management

Fall, Spring, Summer. 3(3-0)

P: ACC 202 or ACC 230 or ACC 251H or HRI 302. R: Open only to juniors and seniors.

Optimal management of the firm's assets and financing requirements. Analysis of financial statements, financial markets, risk, valuation, long-term and short-term financing and investment. International and ethical implications.

312. Introduction to Investments

Fall, Spring, Summer. 3(3-0)

P: FI 311.

Theoretical and empirical analyses of securities. Risk and return formation. Security analysis and concepts of market efficiency. Common stocks, bonds, options, futures, and international securities.

**33L. Principles of Risk Management and
Insurance**

Fall, Spring. 3(3-0)

P: STT 315.

Legal aspects of insurance contracts. Organization of insurance companies. Personal and business insurance coverages. Insurance regulation. International relationships.

413. Management of Financial Institutions

Fall, Spring, Summer. 3(3-0)

P: FI 311.

Management, decision-making and policy formulation for depository and non-depository financial institutions. Emphasis on commercial banking, with attention also to S&Ls, credit unions and non-bank financial institutions.

414. Advanced Business Finance (W)

Fall, Spring, Summer. 3(3-0)

P: FI 312, FI 413 or concurrently. R: Open only to seniors in the College of Business. Completion of Tier I writing requirement.

Advanced financial management of business firms. Theoretical and case applications that integrate capital budgeting, valuation, capital structure, mergers, international business finance, working capital management and ethical considerations.

434. Life and Health Insurance

Spring. 3(3-0)

P: STT 315, FI 311.

Economics of life and health insurance in the United States, with international comparisons. Actuarial models, underwriting, marketing, and taxation. Diversity issues such as gender-based underwriting and the financial impact of AIDS.

451. International Financial Management

Fall, Spring. 3(3-0)

P: FI 311; ML 310 or EC 340.

Financial management of multinational firms. Theoretical and applied aspects of international capital budgeting, capital structure, cash management, and exchange-rate risk. Ethical considerations.

**455. Computer Applications for Financial
Modeling**

Fall, Spring, Summer. 3(3-0)

P: FI 311; ML 317 or STT 422 or STT 442.

Application of personal and mainframe computers and software to corporate, personal and international financial analysis.

**478. Investment Strategies and Speculative
Markets**

Fall, Spring, Summer. 3(3-0)

P: FI 312.

Pricing, trading, hedging and speculating in financial markets. Effects of risk and maturity on security prices. Strategies with futures, options, and other financial instruments in domestic and international markets. Ethical considerations.

490. Independent Study

Fall, Spring, Summer. 1 to 3 credits.

R: Open only to seniors.

Supervised independent study of special topics in finance or insurance.

801. Managerial Finance

Fall, Spring. 3(3-0)

P: ACC 800. R: Open only to students in the Program in Professional Accounting, to MBA students, and to students in programs for which FI 801 is a catalog-listed requirement.

Short-, intermediate- and long-term problems. Financial planning and control. Applications in domestic and international settings.

82L. Financial Management

Spring. 3(3-0)

P: ACC 811. R: Open only to MBA students in the Advanced Management Program.

Managerial finance covering short-, intermediate- and long-term problems. Financial planning and control using financial theory and management techniques. Applications in domestic and international settings.

**84L. Risk Management for Commercial and
Public Entities**

Fall. 3(3-0)

R: Open only to graduate students in the College of Business.

Analysis of exposures, risk management alternatives, and their social, legal and economic implications. Cost and benefit analysis of decisions.

851. Introduction to Investments

Fall, Spring. 3(3-0)

P: FI 801. R: Open only to students in the Program in Professional Accounting and to MBA students.

Security risk and return concepts. Security analysis and concepts of market efficiency. Emphasis on equity investments. Bonds, options, futures, and international securities.

852. Financial Markets and Strategies

Spring. 3(3-0)

P: FI 851. R: Open only to students in the Program in Professional Accounting and to MBA students.

Theories concerning domestic and international financial markets and instruments. Effects of risk and maturity on prices. Arrangement of business and portfolio risk and returns with options and futures.

860. International Financial Management

Fall. 3(3-0)

P: FI 801. R: Open only to graduate students in Business.

Capital budgeting, capital structure decisions, cash management, foreign currency markets and exchange rate risk management. Ethical and tax considerations.

862. Advanced Managerial Finance

Fall, Spring. 3(3-0)

P: FI 801. R: Open only to graduate students in Business.

Financial planning and control using financial theory and management techniques. Applications in international settings. Use of business cases.

865. Financial Decision Models

Fall. 3(3-0) Interdepartmental with Accounting.

ing.

P: FI 801. R: Open only to students in M.B.A. programs and to students in Program in Professional Accounting. Development and application of computerized financial models in finance and accounting, and in control activities. Use of financial planning software on personal and mainframe computers. Use of models in case analysis.

878. Bank Management

Spring. 3(3-0)

P: FI 801. R: Open only to graduate students in Business.

Nature, structure and management of commercial banks. Focus on products and services offered, risks, policies, and strategies. Applications in domestic and international settings.

890. Independent Study

Fall, Spring. 1 to 3 credits. A student may earn

a maximum of 6 credits in all enrollments for this course.

R: Open only to graduate students in Business. Approval of department.

Faculty-guided research projects.

980. Theory of Finance

Fall. 3(3-0)

R: Open only to Ph.D. students in Business or approval of department.

Introduction to the financial theory of the firm. Theoretical models dealing with capital structure, cost of capital, dividend policy and leasing.

981. Corporate Finance Theory

Spring of odd-numbered years. 3(3-0)

P: FI 980. R: Open only to Ph.D. students in Business. Theoretical foundations. Recent empirical research in capital structure, dividend policy, and agency theory.

982. Investment Theory

Spring of even-numbered years. 3(3-0)

P: FI 980. R: Open only to Ph.D. students in Business. Market efficiency, stochastic processes, option pricing, efficient set mathematics, intertemporal asset pricing and arbitrage pricing theory.

993. Finance Workshop

Fall. 3(3-0)

P: FI 980. R: Open only to Ph.D. students in Finance. Critical evaluation of original research papers by faculty and students.

999. Doctoral Dissertation Research

Fall, Spring, Summer. 1 to 24 credits. A student

may earn a maximum of 99 credits in all enrollments for this course.

R: Open only to Ph.D. students in Finance and Insurance.

FISHERIES AND WILDLIFE FW

**Department of Fisheries and
Wildlife**

**College of Agriculture and
Natural Resources**

100. Introduction to Fisheries and Wildlife

Fall. 1(1-0)

Fisheries and wildlife history, philosophy and management in the context of conservation ethics.