

FAMILY PRACTICE FMP

College of Human Medicine

500. Preceptorship Training

Fall, Winter, Spring, Summer. 3 to 12 credits. May reenroll for a maximum of 36 credits. No more than 3 credits toward degree requirements. One year of medical school. Interdepartmental with and administered by the Department of Human Medicine.

Field experience in primary care taught by primary care physicians throughout the state to medical students from Michigan State University, University of Michigan and Wayne State University.

515. Health Care in Underserved Areas

Fall. 2 or 3 credits. Admission to a college of medicine or approval of department. Interdepartmental with the Department of Family Medicine.

Professional, economic, and personal issues confronting the practicing physician in medically underserved areas.

516. Migrant Worker Health Care

Spring. 2 to 3 credits. Admission to a college of medicine or approval of department. Interdepartmental with the Department of Family Medicine.

Health beliefs, patient attitudes, economic situation and medical problems of migrant agricultural workers. Introduction to occupational medicine in the agricultural sector, including parasitology, pesticide hazards, taking an occupational history.

517. Introduction to Sports Medicine

Fall. 2(2-0) Approval of instructor. Causes, diagnosis, treatment and prevention of common sports injuries. Includes discussion of drugs, nutrition, exercise physiology and sports psychology. Emphasis on family practice approach to sports medicine.

530. Care of the Elderly

Fall, Spring. 3(2-2) Student in H M, OST or other clinical program or approval of instructor. Interdepartmental with the Department of Community Health Science.

Case studies of the care of the elderly based on the physician patient-interaction with elderly persons and their families. Family systems applications to health care. Associated clinical experience.

540. Families in Crisis: A Clinical View

Winter, Spring. 1 to 4 credits. May reenroll for a maximum of 4 credits. Student in medicine, nursing, or graduate student in psychology, counseling, social work or related field. Dynamics of family crises as might be experienced in health care settings. Videotapes, readings and small group discussions to illustrate family dynamics.

580. Special Topics in Family Practice

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 18 credits. Approval of department.

Explore and study special aspects and modes of family-oriented health care.

602. Fundamentals of Patient Care

(H M 602.) Fall, Winter, Spring, Summer. 9 to 12 credits. Approval of department.

A full-time introduction to clinical medicine with emphasis on data gathering, and formulation and presentation of plans for patients and families in the hospital and out-patient setting.

607. Ambulatory Care Clerkship

Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 9 credits. FMP 602. Interdepartmental with the departments of Medicine, and Pediatrics and Human Development.

Outpatient experience, lasting an equivalent of 34 half-days and extending over a minimum of 26 weeks. Continuous and comprehensive patient care under supervision of appropriate physicians.

610. Family Practice Clerkship

Fall, Winter, Spring, Summer. 6 to 18 credits. May reenroll for a maximum of 24 credits. FMP 602, approval of department.

Elective experience in family practice in diverse settings. Emphasis on primary, continuing, and comprehensive care.

612. Inpatient Clerkship in Family Practice

Fall, Winter, Spring, Summer. 6 to 12 credits. FMP 602.

Demonstration of the role of the family physician in the hospital setting, including management of consultations and referrals.

613. Rural Family Practice Clerkship

Fall, Winter, Spring, Summer. 6 to 15 credits. FMP 602, approval of department.

Small town practice in private offices and community health centers in northeast Michigan. Demonstrates the importance of social support services in health care, and the family as the unit of care.

615. Medical Care in Developing Countries

Fall, Winter, Spring, Summer. 12 credits. FMP 602, MED 608, PHD 608.

Supervised experience in hospitals, outpatient clinics, villages and medical research centers in developing countries.

617. Sports Medicine Clerkship

Fall, Winter, Spring, Summer. 6 to 12 credits. FMP 602.

Clinical elective experience concentrating on the primary care aspects of sports medicine. Involves care of acute and chronic sports injuries, mostly of college-level athletes.

FINANCE AND INSURANCE F I

(Name changed September 1, 1981. Formerly the Department of Accounting and Financial Administration.)

College of Business and Graduate School of Business Administration

350. Principles of Risk and Insurance

(AFA 350.) Fall, Winter, Spring, Summer. 4(4-0) Juniors or approval of department.

Risk and risk meeting methods with emphasis on the insurance mechanism. Fundamental principles, legal relationships, types of carriers and organization; principal types of coverage and industry regulation.

352. Pensions and Employee Benefits

Spring. 4(4-0) Juniors or approval of department.

Employee benefit plans and regulations. Group insurance, pensions and alternative method for financing such plans.

354. Financial Estate Planning

Fall. 4(4-0) Juniors or approval of department.

Analysis of estate and gift taxation for personal and business financial planning.

391. Financial Management

(AFA 391.) Fall, Winter, Spring, Summer. 5(5-0) ACC 202, Juniors.

Basic principles and theoretical framework leading to sound financial management decisions. Role of the financial manager in achieving optimal financial position of the firm. Management of a firm's assets and financing needs.

392. Investment Planning

(AFA 392.) Fall, Winter, Summer. 4(4-0) F 139I.

Analysis of the various financial assets from which the individual or institution selects. Emphasis is on the analytical techniques and principles involved in the evaluation of financial instruments such as common stocks, bonds, preferred stock, and warrants. The role of particular types of securities in the portfolio management and investment planning process is examined and related to the current environment.

395. Principles of Urban Real Estate Administration

Spring. 4(4-0) EC 201 or F 139I or approval of department.

Concepts of urbanism city functions and growth. Analysis of physical location, legal, social, and other factors governing property values. Theories and techniques of valuing urban real estate.

396. Personal Risks and Insurance

(AFA 396.) Fall, Summer. 5(5-0) F I 350 or Juniors in business administration.

Personal risk analysis and personal insurance. Emphasis on life, health, automobile, fire and liability insurance. Programming personal insurance. Estate analysis and trusts. Social and economic aspects of personal insurance.

Approved through Spring 1986.

397. Social Insurance Topics

(AFA 397.) Fall. 4(4-0) EC 200.

Systematic study of the legal, actuarial, social and political aspects of social insurance. Federal and State programs. Problems, solutions and potential alternatives.

Approved through Summer 1986.

491. Financial Markets

(AFA 491.) Fall. 4(4-0) F I 391.

Introduction to theories and models concerning financial markets. An analysis of financial instruments and major financial market participants. Governmental and legal influences on financial markets.

492. Management of Financial Institutions

(AFA 492.) Winter. 4(4-0) F I 391.

Emphasis is on the asset and liability management of commercial banks, savings and loan associations, credit unions, private and public pension funds, and trust institutions. Financial strategy is examined in light of legal and managerial constraints as well as fiduciary responsibility. Related issues include regulation and the concept of prudence.

**Descriptions — Finance and Insurance
of
Courses**

- 493. Advanced Business Finance**
(AFA 493.) Spring. 4(4-0) F I 391, Seniors.
Advanced study of the financial management of business firms. Special emphasis is placed on areas of major interest from both applied and theoretical points of view. Areas covered include capital budgeting, valuation, financial structure, mergers, and working capital management as well as other financial topics. Cases are used.
- 494. Strategies for Speculative Markets**
Winter. 4(4-0) F I 391.
Use of stock options, futures and other financial instruments in domestic and foreign markets. The general theory of hedging risk.
- 495. Special Problems**
Fall, Winter, Spring, Summer. 1 to 4 credits. Senior F I major, approval of department.
Independent study of special topics in finance or insurance.
- 496. Computer Financial Models**
Spring. 4(4-0) F I 391, MTA 317 or STT 422 or STT 442.
Solution of business financial problems through the use of personal computers and selected software programs.
- 817. Quantitative Applications in Accounting and Finance**
(AFA 817.) Winter. 4(4-0) MGT 833. Interdepartmental with the Department of Accounting.
Application of quantitative techniques to accounting, finance, and control activities, especially involving the data requirements of managerial decision models.
- 818. Research Techniques in Accounting and Finance**
(AFA 818.) Spring. 4(4-0) MTH 113, STT 423. Interdepartmental with and administered by the Department of Accounting.
Properties of time series in accounting and finance with emphasis on ARIMA model and transfer-function model development. Applications and potential research areas.
- 850. Risk Management and Insurance Concepts**
(AFA 850.) Winter, Summer. 4(4-0)
Analysis of business exposures and risk management techniques. Risk meeting alternatives and their economic, legal, and social implications. The role of insurance and employee benefits in risk management.
- 855. Market Cost-Revenue Analysis**
(AFA 855.) Winter. 4(4-0) One course in accounting and one in marketing. Interdepartmental with and administered by the Department of Marketing and Transportation Administration.
Analytical tools for use in planning and controlling marketing activities. Emphasis on the determination of factors causing marketing cost differences and the assignment of costs to those factors. Application of tools to determination of expenditure-revenue patterns and market potentials.
- 870. Financial Markets**
Fall. 4(4-0) F I 888.
Financial markets, rates, and flows. Major theoretical explanation and empirical evidence concerning financial market behavior.

- 871. Portfolio Theory and Capital Markets**
(AFA 871.) Fall, Spring. 4(4-0) ACC 839; F I 888.
Theoretical and empirical development in portfolio analysis and capital markets. Included topics are implementation of the Markowitz and Sharpe portfolio models, development and implications of the capital asset pricing model, and empirical studies of capital markets.
- 872. Management and Financing of Corporate Assets**
(AFA 872.) Fall, Summer. 4(4-0) F I 871 or concurrently.
Principles of decision analysis in management of current assets, estimation of requirements for short term funds, and valuation of capital budgeting and merger proposals. Analysis of actual business cases is supplemented by selected readings.
- 873. Long Term Financial Policies**
(AFA 873.) Winter, Summer. 4(4-0) F I 871 or F I 872.
Planning capital structure and the cost of capital. Examines fundamental considerations of raising capital, debt management, dividend policy and problems in public issues. Analysis of actual business cases is supplemented by selected readings.
- 874. Investment Strategy**
(AFA 874.) Spring. 4(4-0) F I 871 or concurrently, F I 872 or F I 873.
Analysis of various theories and techniques available to achieve superior selection and management of securities. Review and evaluation of significant literature in security analysis and investment.
- 878. Bank Management**
(AFA 878.) Spring. 4(4-0) F I 888.
Provides a comprehensive working knowledge of commercial bank management. Topics include capital adequacy, liquidity, public policy and bank failures, regulation, consumer protection, and other internal and external banking industry issues.
- 888. Financial Concepts and Analysis**
(AFA 888.) Fall, Winter. 4(4-0) ACC 839.
Principles of managerial finance. Working capital management, capital budgeting and methods of finance aimed at maintaining liquidity and profitability are considered. Emphasis is on decision making.
- 889. Financial Decision Making**
(AFA 889.) Fall, Winter, Spring, Summer. 4(4-0) F I 888, ACC 840 or concurrently; MGT 833.
Financial planning and control at corporate officer level. Investment decisions, growth and expansion strategies, dividend policy. Interaction of finance with other corporate functions, and of the firm with the financial community.
- 890. Special Problems**
Fall, Winter, Spring, Summer. 1 to 4 credits. Approval of department.
Independent study of special topics in finance or insurance.
- 990. Seminar in Financial Management Theory**
Fall. 4(4-0) Doctoral candidates with approval of department.
The financial theory of the firm. Theoretical models dealing with capital structure, cost of capital, and dividend policy.

- 991. Seminar in Capital Markets**
(AFA 991.) Winter. 5(5-0) F I 990.
The mathematical basis of portfolio theory. Development of capital asset pricing models. Empirical tests of capital market theories.
- 992. Seminar in Selected Finance Topics**
Spring. 4(4-0) F I 991.
Study and research in finance topics selected from areas of interest to the instructor and doctoral candidates.
- 999. Doctoral Dissertation Research**
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 36 credits. Approval of department.

**FISHERIES AND
WILDLIFE**

F W

**College of Agriculture and Natural
Resources**

- 100. Introduction to Fisheries and Wildlife**
Fall. 1(1-0) Freshmen Fisheries and Wildlife Majors.
Fisheries and wildlife as a profession. Academic and nonacademic needs to meet professional objectives, using current management problems as a focus for discussion.
- 203. Resource Ecology**
(IDC 200.) Fall, Winter, Spring, Summer. 3(3-0) Interdepartmental with the departments of Forestry, Geography, Resource Development, and Zoology.
Basic concepts of ecology which are the unifying basis for resource management, conservation policy and the analysis of environmental quality. Extensive use of guest lecturers.
- 301. Fish and Wildlife of North America**
Winter. 5(3-4) B S 212 or approval of department.
Comparative study of fish and wildlife groups in North America, their significant life history stages, morphology, migrations, habitats and populations. Common species are identified in the laboratory.
- 302. Ecosystem Processes**
Spring. 3(3-0) CEM 143, PHY 238, B S 212, CSS 210, GLG 201, MTH 109 or MTH 111.
Concepts of ecosystem structure and function developed from basic scientific laws and relationships.
- 305. Principles of Fisheries and Wildlife Management**
Winter. 3(3-0) IDC 200 or approval of department. Not open to majors in fisheries-limnology or wildlife-ecology options.
Ecological concepts in management. Effects of regulations, refuges, stocking, species introduction, habitat manipulation, artificial feeding, genetic improvement, land use and control of predators, diseases and competitors on the production of fish and game.