

- 901. Internship**  
(F E 901.) Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 9 credits. Approval of department.  
Supervised advanced graduate practicums, observation, internships, and externships in the various areas of emphasis.
- 902. Independent Study in Family Ecology**  
(F E 902.) Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 9 credits. Approval of department.  
Study on an individual basis.
- 903. Seminars in Family Ecology**  
(F E 903.) Spring, Summer. 2 or 3 credits. May reenroll for a maximum of 9 credits. Approval of department.  
Seminars in selected topics.

- 932. History and Philosophy of Human Ecology**  
(F E 932.) Fall. Summer of even-numbered years. 3(2-0)  
History and development of human ecology as an interdisciplinary field of study. Values underlying the field. Current emphasis.

- 999. Doctoral Dissertation Research**  
(F E 999.) Fall, Winter, Spring, Summer. Variable credit. Approval of department.

**FAMILY MEDICINE F M**

**College of Osteopathic Medicine**

- 515. Health Care in Underserved Areas**  
Fall. 2 or 3 credits. Admission to a college of medicine or approval of department. Interdepartmental with and administered by the Department of Family Practice.  
Professional, economic, and personal issues confronting the practicing physician in medically underserved areas.
- 590. Special Problems in Family Medicine**  
Fall, Winter, Spring, Summer. 1 to 8 credits. May reenroll for a maximum of 32 credits. Approval of department.  
Each student will work under direction of a faculty member on an experimental, theoretical or applied problem.
- 600. Clinical Practicum in Family Medicine**  
Fall, Winter, Spring, Summer. 2 to 12 credits. May reenroll for a maximum of 24 credits. Grade P in all courses offered in terms 1 through 8 or approval of department.  
Opportunity for direct involvement and experience in functioning family practice. Emphasizes patient, office, and personnel management. Provides understanding and consideration of responsibilities encountered in the practice of family medicine.
- 620. Directed Studies**  
Fall, Winter, Spring, Summer. 2 to 24 credits. May reenroll for a maximum of 48 credits. Admission to a college of medicine or approval of department.  
Individual or group projects on special problems related to family medicine.

- 652. Principles of Family Practice III**  
Fall, Summer. 1(0-4) F M 632 or approval of department.  
Continuation of F M 642.
- 662. Principles of Family Practice IV**  
Fall, Winter. 1(0-4) F M 632 or approval of department.  
Continuation of F M 652.
- 672. Principles of Family Practice V**  
Winter, Spring. 1(0-4) F M 632 or approval of department.  
Continuation of F M 662.
- 682. Principles of Family Practice VI**  
Spring, Summer. 1(0-4) F M 632 or approval of department.  
Continuation of F M 672.

**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.
- 530. Care of the Elderly**  
Fall, Spring. 3(2-2) Student in II 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.

- 607. Ambulatory Care Clerkship**  
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 9 credits. H M 602. Interdepartmental with the departments of Community Health Science, Medicine, and Pediatrics and Human Development.  
Outpatient experience, lasting an equivalent of 48 half days over a period of six months or more, emphasizing continuous and comprehensive patient care under the supervision of appropriate physicians.
- 610. Family Practice Clerkship**  
Fall, Winter, Spring, Summer. 8 to 17 credits. May reenroll for a maximum of 34 credits. H M 602.  
A clerkship in a model family practice unit with graded responsibility and supervision in the care of families and their medical problems with emphasis on primary, continuing and comprehensive care.

- 611. Introduction to Office Practice**  
Fall, Winter, Spring, Summer. 5 to 6 credits. H M 602.  
A one month preceptorial exposure to the office practice of family practice in a variety of settings.

- 612. Inpatient Clerkship in Family Practice**  
Fall, Winter, Spring, Summer. 4 to 6 credits. H M 602.  
Demonstration of the role of the family physician in the hospital setting, including management of consultations and referrals.

**FINANCE AND INSURANCE F I**

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

**College of Business**

- 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.
- 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 I 391.  
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.

**Descriptions – Finance and Insurance  
of  
Courses**

**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.

**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.

**486. Business Risks and Insurance**  
(AFA 486.) Winter. 5(5-0) F I 350 or Seniors in business administration.

Business insurance as it relates to business risks and decision making. Emphasis on business exposures, coverages and problems of the risk manager.

**487. Management of Insurance Enterprise**  
(AFA 487.) Spring. 5(5-0) F I 350 or approval of department.

Organizational requirements and functional operations of insurance enterprise with emphasis on methods of ratemaking, reserves, financial statement and investment requirements, loss adjustment, underwriting, and marketing. Statutory limitations on management freedom.

**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.

**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.

**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.

**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, ED 969C. 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 or ficer 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.

**991. Seminar in Financial Management**  
(AFA 991.) Fall, Winter. 5(5-0)

Seminar dealing with current unresolved problems in the field of financial management. Both micro and macro aspects of the field are investigated, including such areas as models for financial decision making, money and capital markets, and international finance.

**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.

**IDC. Introduction to Resource Ecology**  
For course description, see Interdisciplinary Courses.

**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.