estimation of plant and animal population parameters including density and abundance, survival, recruitment, space-use, and dispersal and other related techniques; line transects, plotless sampling techniques, change-in-ratio estimators including capture-recapture and exploitation or catch-per-unit-effort methodologies; goodness-of-fit tests for statistical models; and model constraints to unbalanced cross classified and nested data; emphasis on analysis of variance and covariance for fixed effects models.

7060 Probability and Statistics (3) F or S PreReq.: MATH 2057 or equivalent. Probability, random variables, discrete and continuous probability distributions, moment generating functions, functions of random variables.

7061 Statistical Theory (3) S PreReq.: EXST 7013 or 7014 or equivalent. Fundamentals of probability, random variables, independence, generating functions; functions of random variables. Prerequisites for any finance course may be waived in exceptional cases with consent of the instructor and approval of the department chair.

1060 Personal Money Management (1) See HUEC 1060.

3115 Financing and Legal Aspects of Entrepreneurship (3) PreReq.: MGT 3111; FIN 3115 or 3176; BLAW 3201, and entrepreneurship concentration or entrepreneurship minor or permission of instructor. Also offered as MGT 3115. Financing and legal issues affecting entrepreneurs; acquisition of resources through debt, equity, research grant procedures and small business models (SBIR/STTR); R&D tax credits; legal structures of business; and constrictions within current legal climate.

3353 Principles of Real Estate (3) PreReq.: BLAW 3201 or FIN 3175 or 3176. Purchasing, owning, and operating real estate relative to negotiating contracts, deeds, titles, leases, brokerage, management.

3352 Real Estate Valuation and Investment (3) PreReq.: FIN 3175 or 3176. Introduction to fixed income and real property; cash flow analysis considering income tax effects, financial leverage, risk-return trade-offs, and alternative methods of disposition.

3353 Real Estate Finance (3) PreReq.: FIN 3335 or 3315 or 3175 or 3176 or equivalent. Real estate financing decisions for residential and income-producing properties; risk-return analysis for varying conditions of financial leverage; decision making related to pricing, alternative financing methods; refinancing, mortgage portfolio management; financing methods; government involvement in mortgage market and housing finance.

3354 Topics in Real Estate (3) PreReq.: FIN 3352 or 3333 or consent of instructor. Topics vary.

3355 Real Estate Management (3) PreReq.: BLAW 3201. Rights and obligations that attach to various types of ownership of immovable property both in Louisiana and Anglo-American jurisdictions.

3441 Risk and Insurance (3) PreReq.: BLAW 3201. Nature of nonspeculative risks and possible alternative methods of treating risks; insurance methodology; risk management; personal and business risks arising from life, health, property, and liability contingencies; influence of public policy on risk.
finance or business law position.

4240 Cyberlaw and Intellectual Property (3) Prereq.: BIOW 3060 and consent of instructor. Fundamentals of patent, trademark and copyright law; legal principles applied to the regulation of the Internet and electronic commerce; implications for intellectual property, torts, contracts, constitutional principles, and crimes.

4440 Group Insurance and Pensions (3) Prereq.: FIN 3400. Study of insurance and pensions in various and emerging contexts including mortality and morbidity contingencies; types of health risk bearers and contracts offered; employee benefit plans with emphasis on coordination function, including contractual arrangements, benefit formulas, and approaches to financing.

4828 Financial Analysis and Portfolio Management (3) Prereq.: FIN 3825 or equivalent. Open only to Finance majors: open to others with permission of department. Security selection and portfolio diversification in an efficient market; portfolio theory and management; portfolio building and selection; portfolio performance evaluations.

4830 Analytical Corporate Financial Statements (3) Prereq.: FIN 3716 or equivalent. Open only to finance majors: open to others with permission of department. Evaluation of financial statements; emphasis on their use in credit analysis and in evaluation of security risks and returns; recent research in accounting and finance; predictable ability of financial statement data.

4850 Advanced Financial Economics (3) Prereq.: FIN 3636, 3717, or 3826. Open only to Finance majors; open to others with permission of department. Options, forwards, futures, swaps, and other derivatives; principles of financial evaluation models, trading strategies, and managing risk in domestic and global financial markets.

7300 Business Finance and Management (3) Prereq.: BADM 7020, Principles of management. Questions facing participants in the real estate market, including equity investors, lenders, tenants, and government; purchasing, owning, and managing real estate relative to interests in currently existing contracts; deeds, title, leases, brokerage, and management.

7310 Real Estate Financial Decisions (3) Questions concerning real estate finance and valuation; risk trade-offs under varying conditions of financial leverage; refinancing; selecting among alternative financing methods; mortgage design, sale-leaseback, construction lending, secondary mortgage markets, and the pricing of financing instruments.

7340 Valued Topics in Real Estate (3) Prereq.: FIN 7300 or 7310 or consent of instructor. May be taken for a max. of 9 hrs. of credit if topics vary.

7400 Financial Risk Management (3) Prereq.: BADM 7090 or equivalent. Risk management of corporations, financial institutions, governments, and non-profit organizations; characteristics of financial contracts and markets and applications of these contracts to risk management problems; the value of risk management; measuring exposures, financial contracts for managing risk, the enterprise risk management industry, and the accounting and regulatory framework; market and credit risks are the primary focus, but some attention is given to operational and other sources of risk.

7520 Seminar in Financial Research Methods (3) Primarily for doctoral students. Modern statistical methods applied to data analysis in finance and financial econometrics; emphasis on the private pension function, including mortality and morbidity contingencies; types of health risk bearers and contracts offered; employee benefit plans with emphasis on coordination function, including contractual arrangements, benefit formulas, and approaches to financing.

7540 Investment Theory (3) Prereq.: BADM 7090 or equivalent. Theory of choice under certainty and uncertainty; investment and financing decisions of individuals, businesses, and multinational firms; capital structure and dividend models related to corporate control. Risk and return; risk and return in capital markets; identification of risk factors; and performance measurement.

7570 Seminar in Corporate Finance (3) Prereq.: FIN 7550. Primarily for doctoral students. Theory of choice under certainty and uncertainty; investment and financing decisions of individuals, businesses, and multinational firms; capital structure and dividend models related to corporate control. Risk and return; risk and return in capital markets; identification of risk factors; and performance measurement.

7720 Topics in Business Finance (3) Prereq.: BADM 7090 or equivalent. Detailed treatment of topics not covered in depth in BADM 7090 or FIN 7719; prospectus usually available before registration.

7740 Venture Capital and Investment Banking (3) Prereq.: BADM 7090 or equivalent. The role of venture capitalists and investment banks in financing, advising, and influencing companies through the initial public offering; the structure of venture capital funds; stages of investing; compensation; valuation; interactions between venture capital and economic activity, the legal environment, and social and ethical norms.

7750 Seminar in Corporate Finance (3) Prereq.: FIN 7550. Primarily for doctoral students. Theory of choice under certainty and uncertainty; investment and financing decisions of individuals, businesses, and multinational firms; capital structure and dividend models related to corporate control. Risk and return; risk and return in capital markets; identification of risk factors; and performance measurement.

8264 Investment Analysis and Portfolio Theory (3) Prereq.: BADM 7090 or equivalent. Modern analysis of capital markets, mechanics of securities trading; analytic techniques for evaluating investment management; behavior of stock returns; option pricing; techniques for measuring performance of securities and portfolios, security valuation, portfolio selection.

7884 Student Managed Investment Fund (3) Prereq.: BADM 7090 or equivalent and permission of instructor. Course may be repeated for a max. of 9 hrs. of credit. Management and operation of the Student Managed Investment Fund; calculation and monitoring of performance in an institutional equity portfolio; establishment of investment objectives, including asset allocation and selection, and assessment and management of risk; settlement, accounting, and reporting of results.

7885 Seminar in Options, Futures, and Other Derivatives (3) Prereq.: FIN 7626 and ECON 7610 or equivalent; consent of instructor; mathematical maturity required. Arbitrage and equilibrium models of derivative pricing; models derived via continuous time Itô processes; binomial, finite difference models, and other computational approaches; review of mathematical statistics, stochastic processes, and Itô calculus.

7900 Individual Research in Finance (3) Masters and doctoral students may take the course for credit 3 times only, respectively. For students who wish in-depth study of a selected topic for a maximum of 3 hrs. per semester. Consent of instructor and objectives of a research project must be approved by department faculty prior to registration; written report of semester's activities and findings required for credit.

7930 Graduate Internship in Finance (3) Prereq.: consent of department. Pass/fail grading based on a written evaluation by the professional supervisor; a written report by the student, and the faculty member's evaluation. At least 20 hrs. per week in regular semester or 35 hrs. per week in summer semester for a maximum of 3 hrs. experience in finance under the general supervision of a faculty member and the direct supervision of a professional in finance. On-the-job experience in an approved finance position.

7950 Seminar in Corporate Finance (3) Prereq.: BADM 7020. Seminar for advanced students. Analysis of financial statements of all doctoral students in business administration concentrating in finance during each semester of full-time residence; only 3 semesters of full-time residence. Advanced research in finance; current research of doctoral candidates, faculty, and invited guests.

1000 Thesis Research (1-12 per sem.) "S"/"U" grading. 1000 Pre-Registration Research (1-12 per sem.) "S"/"U" grading.

1049 Science of Foods (2) F Concepts and principles related to selection, preparation, processing, preservation, distribution, and utilization of foods. 1049 Special Topics in Food Science and Business (1-3) Prereq.: consent of instructor. May be taken for a max. of 9 hrs. of credit. Individual topics in pertinent areas.

1082 Food Law and Public Policy (3) Prereq.: FIN 2060 and FDSC 4060; or equivalent. 2 hrs. lecture; 3 hrs. lab. Application of engineering principles to various unit operations in food processing.

1087 Quality Assurance in the Food Industry (4) S-E See ANSC 4040.

1090 Food Composition and Analysis (4) S-O Prereq.: FDSC 4060 and CHEM 2060 or equivalent. 3 hrs. lecture; 3 hrs. lab. Principles of official and acceptable chemical and physical methods used in food analysis; applications of these methods in the study of raw and processed foods.

1090 Food Chemistry (4) F Prereq.: BIOL 2053 and CHEM 2060 or equivalent. 3 hrs. lecture; 3 hrs. lab. Chemistry of food components; reactions occurring during processing and storage.

1090 Food Laws (4) F Prereq.: consent of instructor. Federal, state, and city food laws, and how they are regulated, manufactured, distributed, and use of foods, additives and regulated products.

1095 Food Preservation (3) F Prereq.: BIOL 2060 or 2262 or equivalent, BIOL 2051, and at least 3 yrs. in any food science course; or consent of instructor. 2 hrs. lecture; 3 hrs. lab. Microbiology and biochemistry of food spoilage; engineering techniques; chemical processing and food plant sanitation; methods of food preservation.

1097 Food Product Development (3) Prereq.: FDSC 4060 and 4055. 2 hrs. lecture; 3 hrs. lab. Capstone course that food science students should take in their last spring semester of their program, after having taken a majority of their food science courses. Development of new food products; marketing, package design, and other aspects of product development.

1100 Food Processing (3) S Prereq.: BIOL 1201 and CHEM 1201 or permission of instructor. Examination of all aspects of seafood processing including: history and economic importance of the seafood industry; laws, and how they are regulated, manufactured, distributed, and use of foods, additives and regulated products.

1163 Microbial Microbiology (4) Prereq.: BIOL 4110 or equivalent. 2 hrs. lecture; 4 hrs. lab. See BIOL 4163.

1200 Perspectives in Nutrition (1) F Course designed to develop a scientific, critical, and ethical basis of food science research. 1201 Food Toxicology (3) S-O Prereq.: FDSC 4060 or permission of instructor. Principles of risk assessment, food safety and toxicology, foodborne and chemical toxins; natural toxins; food additives; and other food toxins. 1201 Current Topics Related to Nutrients in Processed Foods (3) Prereq.: BIOL 2060 or 2262; or equivalent. 3 hrs. lab. In-depth consideration of topics not covered in earlier courses. 1201 Food Science and Food Product Development (1-3) Prereq.: consent of instructor. May be taken for a max. of 3 hrs. of credit. Individual topics in pertinent areas.

1201 Food Science and Technology Seminar (1) F-S-O Prereq.: consent of instructor. May be taken for a max. of 3 hrs. of credit. Seminar and discussions of selected topics in food science and technology.