EXED 474. Assessment and Evaluation for Management of Instruction and Behavior. 4 credits.
This course was designed to provide study and application of the foundations of assessment and evaluation related to management of instruction and behavior of individuals with ELNs. The course emphasizes issues and skills in selection, administration, interpretation and use of a variety of tools and techniques in all stages of the decision making process for instruction and behavior management. Application of this new knowledge and skill will be through case-studies and direct assessment. Prerequisites: EXED 200, EXED 341, PSYC 270. Corequisite: EXED 476.

EXED 475. Building Instructional Programs and Plans for Learners with Disabilities. 3 credits.
Designed for exploration of practical skills and strategies in development and use of programming to meet the academic and behavioral needs of students with disabilities accessing the K-12 general curriculum. Skills will be applicable in a variety of settings and service delivery models. Includes purposes and procedures involved in the development of IEPs and the selection or design of BBA to plan and evaluate instruction in academics, social behaviors, and life skills. Prerequisites: EXED 200 and EXED 341.

EXED 478. Practicum in Assessment and Instructional Planning. 2 credits.
This practicum is designed to provide a structured supervised experience assessing learning, planning and delivery of instruction to students with disabilities accessing the general education curriculum, and gathering data to make decisions about the effectiveness of instruction. Application of skills in planning direct instruction, creating instructional materials, collecting performance data, managing behavior and developing social skills will be emphasized. Prerequisites: EXED 303, EXED 341, READ 430, MAED 430.

EXED 484. Instructional Methods for Learners with Disabilities. 3 credits.
This course is designed to teach specialized methods for teaching academic skills to individuals with disabilities accessing the K-12 general curriculum. Emphasis is on evidence-based instructional approaches that are effective for persons with disabilities. Focus is on specific remedial methods for reading, math, and writing appropriate for the cognitive level of the learner and parallel to the supports and scaffolds used in the general curriculum. Prerequisite: EXED 474. Corequisite: EXED 486.

EXED 485. Systematic Behavioral Support and Interventions. 3 credits.
Designed for application and evaluation of group management techniques and individual interventions that teach and maintain emotional, behavioral and social skills. Systematic behavioral interventions to support the behavior and learning of individuals with disabilities accessing the general education curriculum (positive behavioral supports, functional assessments of behavior, teaching social skills) are studied. Data collection procedures to inform practice are examined. Prerequisites: EXED 303 or EXED 440, EXED 341.

EXED 486. Supervised Clinical Practice with Methods and Individualized Behavior Support. 3 credits.
This practicum provides a structured supervised experience in selecting and using specialized methods for teaching academic skills, group management techniques and individual interventions that teach and maintain emotional, behavioral and social skills instruction to students with disabilities, and gathering data to make decisions about the effectiveness of intervention. Students will also have the opportunity to refine knowledge and skill application from previous work. Prerequisites: EXED 303 or EXED 440, EXED 341, EXED 474. Corequisite: EXED 494.

EXED 490. Special Studies in Special Education. 1-3 credits each semester.
Designed to allow the student to complete independent study under faculty supervision. Prerequisite: Permission of the department head.

EXED 499. Honors. 6 credits.
See catalog section “Graduation with Honors.”

Family Studies
Department of Social Work
FAM 133. The Contemporary Family. 3 credits.
Concepts of variations in forms and lifestyles of families. Consideration is given to the family life cycle and the interdependence between the family and society.

FAM 300. Child Development. 3 credits.
A study of the factors influencing the physical, cognitive, social and emotional growth of the young child. Emphasis is given to the importance of family relations and development of observational skills. Prerequisite: GPSYC 101, GPSYC 160 or equivalent.

FAM 325. Parent-Child Relationships Across the Lifespan. 3 credits.
Focuses on intergenerational caregiving and interactions across the lifespan and generations. Uses a developmental framework to explore family life as the territory in which people fulfill relational responsibilities to children and parents while simultaneously attending to independent life stage challenges. Prerequisite: FAM 133 or SOCI 276.

FAM/GERN/NPS/SOWK 375. Grant Writing. 3 credits.
Prerequisite: FAM 133 or SOCI 276. Corequisites: FAM/GERN/PSY/SOWK 399. Grant Writing for Agencies. 3 credits.
Emphasizes active learning, this course teaches the basics of grant and proposal writing. Efficient research, persuasive prose and the importance of relationships are stressed. Private and corporate philanthropy and government grants are examined.

FAM/SOWK 386. Youth Empowerment Strategies (YES). 3 credits.
Students learn to use group activities that include the creative arts, low ropes and self-discovery in youth empowerment. The goal is to help youth build life skills and make informed decisions. Prior to beginning work with youth, students complete 25 hours of training.

FAM 400. Issues and Applications. 3 credits.
This seminar is designed to integrate and apply knowledge from the student’s major and the family issues minor. A substantial, in-depth Individualized project will strengthen the student’s capabilities in researching, information access and self-directed learning. Prerequisites: FAM 133 or SOCI 276, three additional courses in the family studies minor, and junior or senior standing.

FAM 487. Special Topics in Family Studies. 3 credits.
Examination of selected topics that are of current importance to family studies. Course may be repeated for credit. Prerequisites: FAM 133 or SOCI 276.

FAM 490. Special Studies in Family Studies. 1-3 credits.
The course is designed to give capable students in family studies an opportunity to complete independent study under faculty supervision. Course may be repeated for credit. Prerequisites: FAM 133 or SOCI 276 and two additional courses in the family studies minor or permission of the instructor.

Finance
College of Business
FIN 210. Principles of Real Estate. 3 credits.
Emphasizes industry principles and economic factors influencing the real estate business. Subjects include contracts, deeds, valuation, financing and subdivision development.

FIN 250. Introduction to Quantitative Finance. 3 credits. Spring only.
The purpose of this course is to provide a broad introduction to the markets and instruments of engineered finance. The focus of the course is to expose students to the properties and uses of the array of non-traditional financial instruments that are increasingly trading in both the exchange and over-the-counter markets. Prerequisite: Minimum grade of "C" in MATH 235, MATH 236, ECON 201 and GECON 200.

FIN 301. Principles of Finance. 3 credits.
The purpose of this course is to provide a foundation in the principles and tools of finance, which include financial analysis, the time value of money, capital budgeting and capital structure. Open to students with a B.S. or B.A. economics major with a concentration in finance as well as students majoring in health sciences. Not open to students who are required to take COB 300. Prerequisites: Junior standing and COB 241.

FIN 302. Spreadsheet Skills in Finance. 1 credit.
The purpose of this course is to offer experience with the spreadsheet applications in finance, including financial functions, statistical functions, reference functions, ActiveX PivotTables and macros. Prerequisite: FIN 300. Open only to finance majors.

FIN/ECON 325. Money and Banking. 3 credits.
The purpose of this course is to examine the economic role of money, banking, and monetary policy within current institutional settings and under alternative theories explaining the interrelationships between money, the financial system and economic activity. Prerequisites: ECON 201 and GECON 200.

FIN/MATH 328. Time Series Analysis. 3 credits.
The purpose of this course is to examine regression and exponential smoothing methods for forecasting nonseasonal and seasonal time series, stochastic processes, and Box-Jenkins’ autoregressive and moving average models. Prerequisites: MATH 239 and MATH 318.

FIN 345. Finance for the Non-Financial Manager. 3 credits.
The purpose of this course is to build a foundation of theoretical concepts and analytical techniques to aid management decisions on financial problems. Topics include: working capital and fixed asset management for

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FIN 355. International Financial Management. 3 credits.
The purpose of this course is to provide a comprehensive examination of the investing and financing decisions of a multinational business entity. Particular emphasis is on global financial markets and instruments, exchange-rate risk management, short-term and long-term financing in international markets, hedging, and asset-liability management in an international environment. Prerequisite: COB 300B.

FIN 360. Analytical Methods in Finance. 3 credits.
The purpose of this course is to introduce the finance major to quantitative methods in finance as applied to financial instruments and capital markets. Emphasis is placed in the theoretical determination of asset prices, risk and return, as well as the estimation and analysis and asset prices. Prerequisite or corequisite: COB 300B or FIN 301. Not permitted for quantitative finance majors.

FIN 362. Financial Analysis. 3 credits.
The purpose of this course is to prepare the finance major to use and interpret economic and accounting information that is essential in financial analysis and valuation. Prerequisite: Minimum grade of “C” in COB 300B and FIN 360.

The purpose of this course is to provide an in-depth study of the theories of capital structure, long-term financing decisions, working capital management and current topics such as mergers and bankruptcy. Computer applications. Prerequisite: Minimum grade of “C” in FIN 360 (finance majors), minimum grade of “C” in FIN 250 (quantitative finance majors).

FIN 370. Real Estate Finance. 3 credits.
The purpose of this course is to offer a comprehensive examination of the decision-making processes involved in purchasing and financing real assets. The focus is on the cost of funds and optimal financial structure of complex real estate projects. Prerequisite: Minimum grade of “C” in COB 300B and FIN 360.

FIN 371. Principles of Investments. 3 credits.
The purpose of this course is to provide an investor’s view of the operation of the capital markets. This course covers the theories and practice of investments, including analysis of financial instruments and real assets and their effective combination into portfolios. Prerequisite: Minimum grade of “C” in COB 300B and “C” in FIN 360 (finance majors), minimum grade of “C” in FIN 250 (quantitative finance majors).

FIN/ECON 372. International Finance and Payments. 3 credits.
Examines international financial markets, institutions and institutions; determination of spot and forward exchange rates, interest arbitrage, hedging and speculation; and alternative policies for achieving equilibrium in international payments. Prerequisites: ECON 201 and GECON 200.

FIN 375. Madison Investment Fund Management. 3 credits.
The course is an accelerated introduction to the investment environment with a focus on fundamental analysis of stocks, overlay strategies to enhance portfolio performance and familiarization with the trading and pricing of the wide variety of instruments in the modern financial marketplace. The course is limited to members of the Madison Investment Fund. Prerequisite: FIN 371 and instructor permission with membership in the Madison Investment Fund.

FIN 378. Fixed Income Analysis. 3 credits.
This course examines the market for and the price/yield determinants of various fixed income securities including Treasury debt, corporate bonds, agency debt, municipal bonds, mortgages and asset-backed securities. Topics include securitization, the term structure of interest rates and portfolio management strategies such as duration, convexity and immunization. Prerequisite: FIN 371.

FIN 380. Elementary and Derivative Securities Analysis. 3 credits.
This course undertakes an in-depth examination of the broad array of financial instruments traded in contemporary financial markets, which are available for financing, investing and managing financial price risk. Prerequisite: Minimum grade of “C” in COB 300B and “C” in FIN 360 (finance majors), minimum grade of “C” in FIN 250 (quantitative finance majors).

FIN/MATH 395. Mathematical Finance. 3 credits. Spring only.
This course presents an overview of the role of mathematical concepts in financial applications. Topics include continuous time finance, optimization, numerical analysis and applications in asset pricing. Prerequisites: MATH 237 and FIN 360.

FIN/MATH 405. Securities Pricing. 3 credits. Fall only.
A quantitative treatment of the theory and method of financial securities pricing to include an examination of closed-form pricing models such as the Black-Scholes and its various derivatives as well as numerical solution techniques such as binomial methods. Prerequisite: FIN/MATH 395.

FIN 416. Seminar in Real Estate Investment and Development. 3 credits.
An investigation of the investment process in real assets with emphasis on investment profitability. The real estate investment cycle is examined in detail to determine the sources of cash flow to the equity investor and how these cash flows may be maximized. Prerequisite: FIN 370.

FIN 450. Financial Risk Management. 3 credits.
This course explores forward contracts, futures, swaps and options, which are the basic building blocks for creating financial risk management programs for companies subject to financial risks such as changes in exchange rates, commodity price fluctuations and changes in interest rates. Prerequisites: FIN 371 and a minimum grade of “B-” in FIN 380.

FIN 451. Risk Management II. 3 credits.
This course presents an intermediate treatment of the theory and applications of market, credit, liquidity and operational risk management. It builds upon concepts introduced in previous course work to present the theoretical constructs underlying risk management, as well as the quantitative skills required for risk analysis and the implementation of risk management techniques. Prerequisite: A minimum grade of “B-” in FIN 450.

FIN 455. Advanced International Financial Management. 3 credits.
The course will focus on the analysis of major international financial management issues and risk faced by businesses operating in global markets. The emphasis is on the management of foreign exchange transactions, operating and translation exposures by multinational corporations, the functions of various currency hedging instruments, and the application of international funding and investment techniques. Prerequisite: Minimum grade of “C” in COB 300B and FIN 360.

FIN 460. Commercial Banking. 3 credits.
A study of the objectives, functions, policies, organizational practices and government regulation of commercial banks. An intensive study is undertaken of the asset and liability structure of commercial banks. Special emphasis is placed on how banks are adapting to the changes in their operating and regulatory environments. Prerequisite: Minimum grade of “C” in COB 300B and FIN 360.

FIN/MATH 465. Seminar in Actuarial Science I. 3 credits.
The course covers the theory and application of contingency mathematics in the areas of life and health insurance and annuities from both a probabilistic and deterministic approach. Together with FIN/MATH 466, the two-course sequence helps to prepare the student for the professional actuarial examinations. Prerequisite: FIN/MATH 395 or consent of instructor. Prerequisite or corequisite: MATH 426.

FIN/MATH 466. Seminar in Actuarial Science II. 3 credits.
A continuation of FIN/MATH 465 with additional coverage of contingency mathematics in the areas of life and health insurance, annuities, pensions and risk theory from both a probabilistic and deterministic approach. The two-course sequence helps to prepare the student for the professional actuarial examination. Prerequisite: FIN/MATH 465. Prerequisite or corequisite: MATH 427.

FIN 471. Advanced Topics in Investments. 3 credits.
This course covers the application of investment concepts within a case format. The course focuses on investment management, bringing together economics, capital markets and valuation to form a basis for decision making in financial asset selection, risk/reward analysis, portfolio selection and formation. Prerequisite: FIN 371.

FIN 475. Financial Modeling and Risk Analysis. 3 credits.
This course introduces students to practical methods used to identify, quantify, predict, value, diversify and manage risk in the financial environment. Students use sensitivity analysis, Monte Carlo and Latin Hypercube simulations, bootstrapping, time series forecasting and dynamic optimization techniques as applied to capital budgeting and structure, pro forma financial statements, multi-objective portfolio allocation, discounted cash flow analysis and real options. Prerequisites: FIN 365 and FIN 371.

FIN 480. Seminar in Financial Engineering. 3 credits. Spring only.
Financial engineering is the process of adapting existing financial instruments and developing new ones to meet the needs of participants in domestic and international financial markets. This process is taught within a case and project format in order to simulate actual market participation as closely as possible. Prerequisite: FIN/MATH 405.

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FIN 488. Advanced Financial Policy. 3 credits.
The purpose of this course is to examine the financing of business enterprises and the financial condition of existing firms using a case format. The objective of this examination is to elicit a policy decision which effectively addresses the issues identified in the case. Prerequisites: 12 hours of FIN courses, including FIN 380 and FIN 385. Completion of 165 hours. Open only to graduating finance majors.
FIN 490. Special Studies in Finance. 1-3 credits.
Designed to give capable students in finance an opportunity to complete independent study under faculty supervision. Admission by recommendation of the instructor and permission of the director. Forms may be obtained in the department office before registration.
FIN 499. Honors. 6 credits.
See catalog section “Graduation with Honors.” Credits will not count toward the finance major.

Foreign Language

Department of Foreign Languages, Literatures and Cultures

FL 267. The Literature of Opera in Translation. 3 credits.
A survey of the literature of opera from the 17th century to the present. All lectures and readings are in English.
FL 309. **Civilization: Travel-Study. 1-3 credits.
A directed program of travel-study designed to augment a student’s knowledge of a particular civilization. Arrangements must be made with the faculty member designated by department head. Permission of the department head is required prior to enrollment in the program.
FL 446. **Special Topics in Foreign Literature. 3 credits.
Study of a particular topic in literature. May be taught in English or in the language but cannot be counted for major, minor or licensure unless taught in the language. Course may be repeated if content varies. Prerequisite: Permission of the instructor.
FL 447. Special Topics in Civilization and Culture. 3 credits.
Students will study a particular topic in the civilization and/or culture of a specific country in the world. Course may be repeated. Prerequisite: Permission of the instructor.
FL 470. Methods of Modern Foreign Language Teaching. 3 credits.
Research findings about language teaching will be used to identify the most effective instructional strategies for teaching languages to students in grades preK-12. Emphasis will be on developing plans for employing the strategies and making appropriate instructional decisions based on instructional goals, the learner, and available resources. Prerequisite: Full admission to Teacher Education program; GPSYC 160, EDUC 360 and TESL 426. Corequisite: FL 471.
FL 471. Modern Foreign Language Field Experience. 3 credits.
Provides practical classroom experience in elementary, middle and high school settings to middle and secondary foreign language students under the supervision of an in-service teacher and a clinical professor. Students engage in classroom activities that provide an opportunity for them to practice the strategies and concepts learned in the methods courses. Corequisite: FL 470.
FL 475. Supervised Student Teaching Experience. 3 credits.
Participants will experience the full range of conditions and tasks expected of a teacher for students in grades 6-12. They will be expected to develop and demonstrate competencies in teaching with the supervision and support of experienced teachers. Students must register for two eight-week blocks during the same semester for a total of eight credits. Students will receive a grade of “S” for satisfactory performance or “U” for unsatisfactory performance. Prerequisite: All required courses for licensure and approval for student teaching through the teacher education program.

French

Department of Foreign Languages, Literatures and Cultures

FR 101. Elementary French I. 3-4 credits.
The fundamentals of French through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour’s work a week in the language laboratory. If student has had two or more years of the language in high school he/she will not receive credit for the course.
FR 102. Elementary French II. 3-4 credits.
The fundamentals of French through listening, speaking, reading and writing. Practice in pronunciation and development of comprehension. One hour’s work a week in the language laboratory. If student has had two or more years of the language in high school he/she will not receive credit for the course. Prerequisite: FR 101.
Reviews elementary French grammar, reading, writing, speaking and listening skills in French. One hour’s work a week in the language laboratory. For students who have had no more than two or three years of French in high school or qualify through the placement exam. Prerequisite: Permission of the department head or sufficient score on the Foreign Language Placement Exam.
FR 111. Intensive French I. 6 credits.
The fundamentals of French through intensive listening, speaking, reading and writing. The 4-week course is the equivalent of FR 101-102. FR 212. Intensive French II. 6 credits.
The fundamentals of French through intensive listening, speaking, reading and writing at the intermediate level. This four-week course is the equivalent of FR 231-232. Prerequisite: FR 102 or FR 111 or sufficient score on the Foreign Language Placement Exam.
A thorough review of first year grammar and vocabulary building. Conversation, composition and reading will be chosen to reach competency at the lower intermediate level French. Prerequisite: FR 102 or sufficient score on the Foreign Language Placement Exam.
A thorough review of grammar, vocabulary building, conversation, composition and reading at the advanced intermediate level. Prerequisite: FR 231 or sufficient score on the Foreign Language Placement Exam.

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