FAM 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. Prerequisite: EXED 440, EXED 341. Corequisite: EXED 484, EXED 486.

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 program work. Prerequisite: EXED 440, EXED 341, EXED 474, EXED 475. Corequisite: EXED 484, EXED 485.

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 program coordinator. EXED 499. Honors. 6 credits. See catalog section "Graduation with Honors."

Family Studies
Department of Social Work

FAM 133. The Contemporary Family. 3 credits. Offered fall and/or spring. Concepts of variations in forms and lifestyles of families. Consideration is given to the family life cycle and the interdependency between the family and society.

FAM 300. Child Development. 3 credits. Offered on a rotating basis. 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 330. Family Relations. 3 credits. Offered on a rotating basis. A study of the structures, functions and dynamics of contemporary families with consideration of diverse cultural definitions and contexts. Prerequisite: FAM 133 or SOCI 276.

FAM 335. Parent-Child Relationships Across the Lifespan. 3 credits. Offered on a rotating basis. 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 for Agencies. 3 credits. Offered on a rotating basis. Emphasizing 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 are examined with guest speakers providing current insights. Students research, write and complete a funding proposal.

FAM/SOWK 386. Youth Empowerment Strategies (YES). 3 credits. Offered fall and/or spring. 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. Offered fall and spring. This seminar is designed to integrate and apply knowledge from the student's major and the family studies minor. A substantial, in-depth individualized project will strengthen the student's capabilities in research, 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. Offered on a rotating basis. Examination of selected topics that are of current importance to family studies. Course may be repeated for credit. Prerequisite: FAM 133 or SOCI 276.

FAM 490. Special Studies in Family Studies. 1-3 credits. Offered fall and/or spring. 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.
FIN 375. Madison Investment Fund Management. 3 credits. Offered fall. 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. Offered spring. 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 duration, 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. Offered fall and spring. This course undertakes an in-depth examination of the broad array of financial instruments traded in contemporary finance markets, which are available for financial, investing and managing financial price risk. Prerequisite: FIN 250 or FIN 360.

FIN/MATH 395. Mathematical Finance. 3 credits. Offered once a year. 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 380.

FIN/MATH 405. Securities Pricing. 3 credits. Offered once a year. 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 418. 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 those cash flows may be maximized. Prerequisite: FIN 370.

FIN 450. Financial Risk Management. 3 credits. Offered once a year. 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 FIN 380.

FIN 451. Risk Management II. 3 credits. Offered once a year. 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. Prerequisites: FIN 450.

FIN 455. Advanced International Financial Management. 3 credits. Offered fall and spring. This course focuses on the analysis of major international financial management issues and risks 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: FIN 355 and FIN 371 or ECON 372 and FIN 371.

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 dramatic changes in their operating and regulatory environments. Prerequisite: FIN 360.

FIN/MATH 465. Seminar in Actuarial Science I. 3 credits. The course is 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. Prerequisites: 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. Prerequisites: FIN/MATH 465. Prerequisite or corequisite: MATH 427.

FIN 471. Advanced Topics in Investments. 3 credits. 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 will introduce students to practical methods used to identify, quantify, predict, value, diversify and manage risk in the financial environment. Students will 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. Prerequisite: FIN 365 and FIN 371.

FIN 480. Seminar in Financial Engineering. 3 credits. Offered once a year. Financing engineering is the process of adapting existing financial instruments and developing new ones to meet the needs of parents of 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.

FIN 488. Advanced Financial Policy. 3 credits. Offered fall and spring. The financing of a new business enterprise or expansion and the financial condition of existing firms is examined within 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 360 and FIN 365. Completion of 105 hours. Open only to finance majors. FIN 480. Special Studies in Finance. 1-3 credits. Offered fall and spring. 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 494. Business Internship. 3 credits. Elective for finance majors offered only during summer between junior and senior year. Students must apply to internship coordinator by the deadline and will obtain credit only if pre-approved by the coordinator prior to the start of the internship. Application deadline will be enforced. See http://www.jmu.edu/finance for application and information. Prerequisites: Minimum GPA of 2.8, application received by the application deadline and approved by the internship coordinator prior to the beginning of the internship.

FIN 498. Special Topics in Finance. 3 credits. The purpose of this course is to provide an opportunity for students to explore areas of current topical interest or to exploit special situations. Course content will vary. For current course content, consult your adviser. Prerequisites: FIN 250 or FIN 360.

FIN 499. Honors. 5 credits. Year course. Offered fall and spring. See catalog section “Graduation with Honors.”

Foreign Language
Department of Foreign Languages, Literatures and Cultures
FL 267. The Literature of Opera in Translation. 3 credits. Offered fall and spring. A survey of the literature of opera from the 17th century to the present. All lectures and readings are in English.

FL 308. ** Civilization: Travel-Study. 1-3 credits. Offering varies. 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. Offered fall or spring. 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. Offered fall or spring. 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 448. Special Topics in Linguistics. 3 credits. Offered fall or spring. Students will study a particular topic in the linguistics of a specific country. Topics could include sociolinguistics or psycholinguistics. Course may be repeated. Prerequisite: Permission of the instructor.

FL 490. ** Special Studies in Foreign Languages. 1-4 credits each semester. Offered fall and spring. Allows superior students an opportunity to complete independent studies under faculty supervision. Work may be done in all languages offered in the department but may not replace course offerings. Prerequisite: Permission of the department head.

FL 499. Honors. 6 credits. Offered fall and spring. ** These courses are taught in the various languages offered by the department. The title of the course will designate the specific language studied.

French

Department of Foreign Languages, Literatures and Cultures

FR 101-102. Elementary French (4, 4). 4 credits each semester. Offered fall and spring. 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.

FR 109. Accelerated Review of Elementary French (3, 1). 3 credits. Offered fall and spring. Reviews elementary French grammar, reading, writing, speaking and listening skills. 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 test. Prerequisite: Permission of the department head.

FR 111-212. Intensive French. 6 credits each semester. Offered May and summer. The fundamentals of French through listening, speaking, reading and writing. The first semester is the equivalent to FR 101-102 and the second is the equivalent to FR 231-232.

FR 231-232. Intermediate French. 3 credits each semester. Offered fall and spring. A thorough review of grammar, vocabulary building, conversation, composition and reading. Prerequisite: One year of college French or equivalent.

FR 266. French Literature in Translation. 3 credits. Offered fall and spring. French literature, 1800 to the present. All lectures and readings are in English. Does not count toward a major, minor or licensure in French.

FR 300. French Grammar and Communication. 3 credits. Offered fall and spring. Intensive training in grammatical structures and their application to oral and written communication. Instruction is in French. Fulfills the College of Arts and Letters writing-intensive requirement for the major. Prerequisite: FR 232 or equivalent.

FR 232. History of French Civilization. 3 credits. Offered fall. A study of the social, economic, political and artistic development of France from the Middle Ages to 1900. Instruction is in French. Prerequisite: FR 300.

FR 308. Contemporary French Civilization. 3 credits. Offered spring. A study of French life and culture with emphasis on France in the 20th century. Instruction is in French. Prerequisite: FR 300.

FR 315. French Phonetics. 3 credits. Offered fall and spring. Intensive drill in French sounds and intonation patterns. Instruction is in French. Prerequisite: FR 300.

FR 320. French Oral and Written Communication. 3 credits. Offered fall and spring. Intensive training in the use of modern, everyday French with emphasis on conversation and composition. Readings in French will provide a context for discussion and writing. Prerequisite: FR 300 or equivalent.

FR 330. Business French. 3 credits. Offered spring. A study of commercial and technical vocabulary and trade customs in conjunction with practice in the art of commercial communication including interviews, letter writing and simultaneous interpretation. Instruction is in French. Prerequisite: FR 320.

FR 335. Introduction to French Literature. 3 credits. Offered fall and spring. A study of the main literary schools from Classicism to the Nouveau Roman. Textual analysis of sample writings representative of the most important literary movements. Instruction is in French. Required for majors. Prerequisite: FR 320.

FR 339. A Survey of French Literature. 3 credits. Offered fall or spring. 339A: A thorough analysis of selected passages from important authors of the Middle Ages and the Renaissance. Prerequisite: FR 320.

339B: A thorough analysis of selected passages from important authors of the 17th century. Prerequisite: FR 320.

339C: A thorough analysis of selected passages from important authors of the Age of Enlightenment. Instruction is in French. Prerequisite: FR 320.

FR 375. Business and Society in France. 3 credits. This course explores the development of French society in the historical, political, and economic context. In this course several aspects will be investigated: agricultural, textile, fashion, wine industry, and motion picture, music, media industries, and import and export products. In addition, the this course will include the study of banking and financial institutions, health and education systems. Prerequisite: FR 300.

FR 400. Advanced Conversation. 3 credits. Offered fall or spring. Discussions deal with topics of current interest. Prerequisite: FR 320.

FR 405. Nineteenth-Century French Literature. 3 credits. Offered fall or spring. 405A: French literature of the first half of the 19th century with special emphasis on the works of Hugo, Lamartine, Vigny and Musset. Prerequisite: FR 320.

405B: French literature of the second half of the 19th century with special emphasis on the works of Balzac, Stendhal, Flaubert and Zola. Instruction is in French. Prerequisite: FR 320.

FR 420. Advanced Genre Studies. 3 credits. Offered fall or spring. 420A: A study of French theatre from the Middle Ages to the 20th century. Prerequisite: FR 320.

420B: A study of French poetry from the Middle Ages to the 20th century. Prerequisite: FR 320.

420C: A study of French narrative fiction from the Middle Ages to the 20th century. Instruction is in French. Prerequisite: FR 320.

FR 425. Twentieth-Century French Literature. 3 credits. Offered fall or spring. 425A: A study of the works of major French writers of the first half of the 20th century. Prerequisite: FR 320.

425B: A study of contemporary French novels written since 1950 with the emphasis on current fiction. Instruction is in French. Prerequisite: FR 320.

FR/ENG 435. Studies in French Literature. 3 credits. Offered fall and spring. A study of selected works of French literature. Instruction is in English. May be repeated for credit when course content changes.

FR 440. Stylistics and Translation. 3 credits. Offered fall or spring. An intensive course in writing and translation from and into English and French. Contemporary topics taken from various fields. Comparative terminology. Prerequisite: FR 320.

FR 448. Special Topics in French Literature. 3 credits. Offered fall or spring. Study of a particular topic in French literature. It may cover all or specific French literature genre. Course may be repeated if content varies. Prerequisite: FR 320.

FR 447. Special Topics in French Civilization and Culture. 3 credits. Offered fall or spring. Students will study a particular topic in the civilization and/culture of Francophone countries. Course may be repeated if content varies. Prerequisite: FR 320.

FR 448. Special Topics in French Linguistics. 3 credits. Offered fall or spring. Students will study a particular topic of French linguistics. Topics could include an introduction to French sociolinguistics and psycholinguistics. Course may be repeated if content varies. Prerequisite: FR 320.


FR 466. Contemporary French Cinema. 3 credits. Every other spring. A study of French cinema from the 1990s until the present and its place in contemporary French culture. The course will focus on films dealing with specific moments or events in French history, as well as the evolution of the French film industry. Films to be analyzed in terms of their socio-political context and judged by their cultural perspective. Prerequisite: FR 320.

General Business

College of Business

GBUS 160. Business Decision Making in Modern Society. 3 credits. This course introduces the concepts of basic technology literacy, information retrieval via electronic and hard copy; along with critical thinking skills. Basic business principles will be introduced to reinforce these concepts and their relationships. The course provides opportunity for applying the skills of oral and written communication to a variety of learning activities. Open to students who have not completed COB 300.