

Course #	Course Title	Course Description	Corequisites	Prerequisites
AC201	Principles of Accounting I	3 hours. Introduction to the business approach to accounting systems with emphasis on a) the role of accounting in starting, establishing, and operating a business, b) the accounting cycle, and c) merchandising operations. Practical applications of math, communication, and skills used in business will be integrated		MA103 (or ACT Math subscore \geq 22)
AC202	Principles of Accounting II	3 hours. The continued study of business accounting systems with an emphasis on a) partnerships, b) corporations, c) financial statement analyses, and d) managerial accounting.		AC 201, and BU225 or CS121 as prerequisite or co-requisite, or Division Chair permission.
AC301	Intermediate Accounting I	3 hours. Advanced study of accounting practices with emphasis on the conceptual framework and principles, the financial statements, their elements and supporting schedules, and the time value of money.		AC201 and AC202
AC305	Intermediate Accounting II	3 hours. A continuation of the study of accounting practices with emphasis on earnings per share, pensions, leases, income tax, accounting errors and changes, and additional aspects of financial reporting and financial analysis.		AC301
AC313	Fraud Examination	3 hours. The course will cover all the major methods that employees use to commit occupational fraud. Students will learn how and why occupational fraud is committed, how fraudulent conduct can be deterred, and how allegations of fraud should be investigated and resolved.		AC201, Junior or Senior standing, or permission of the Division Chair
AC320	Cost Accounting	3 hours. Considers commonly used cost accounting concepts and methods, along with special problem-solving techniques, to be used by management in controlling current operations, costing products, and services and planning for the future. Application of these procedures via spreadsheets includes manufacturing, merchandising and service organizations.		AC201 and AC202
AC340	Income Tax	3 hours. Survey of individual federal income tax laws. Topics will include property transactions; business, farm, rent, royalty, and investment income; and employee expenses. Forms 1040EZ, 1040A, and 1040 and the accompanying schedules are considered.		AC201 or Division Chair permission
AC350	Accounting for Governmental and Not-For-Profit Organizations	3 hours. Concepts and techniques of accounting for organizations which are not seeking profits. Topics include the concept of a fund; various types of funds; special problems of municipalities, public schools, universities, hospitals, churches and the federal government.		AC201 and AC202

Course #	Course Title	Course Description	Corequisites	Prerequisites
AC370	Information Systems	3 hours. Survey of the systems development process and the role of information systems in business with emphasis on accounting information systems. Students will become familiar with the general role, structure, and control of the accounting information system. A specific application software package for a small business is introduced and used. Cross-listed with MG370.		Junior standing, AC201, AC202, BU225, or Division Chair permission
AC430	Auditing	3 hours. Investigative techniques with emphasis on the decision making process. Major areas include the audit environment, theory and concepts, auditing specific cycles and accounts, completing the audit, and reporting the results.		AC301
AC480	Strategic Planning and Decision Making	3 hours. This capstone course is an integration of all fields of business. Students will read significant works in Business and Accounting with reflections of those readings including how the topics are currently influencing the industry. Students will apply techniques in business finance, cross-functional alignment, competitive analysis and the selection of tactics to build a successful, focused organization. Students will analyze performance data and make decisions designed to move a company towards success which requires them to look at important business issues through an accounting management, marketing, financial and operations lens. The overall goal of this course is for students to successfully demonstrate a broad mastery of the knowledge and skills gained throughout the program.		AC201, AC202, BU110, BU341, MG35, MK330 and the completion of 90 credit hours. Completion of MK339 is strongly encouraged
AH100	Introduction to Occupational Therapy	2 hours. This course provides the student with the foundational concepts of occupational therapy (OT), an overview of the occupational therapy process, an understanding of how theory relates to practice, delineation of roles for the OTA and basic SOAP note writing techniques. This course is intended to provide students interested in the OTA program of study with an essential introduction to the profession. This course includes interactive opportunities providing the student opportunity to obtain a feeling for the profession to determine if the practice of OT is the right professional fit.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
AH200	Introduction to Adaptation Nursing	3 hours (2 lecture/1 lab hours). This course reviews the legal underpinnings of the profession of nursing and human developmental concepts. Basic communication skills pertinent to therapeutic communication utilized in healthcare are explored. The nursing process is explained, and the student is introduced to Roy's Adaptation Model. Lab sessions introduce the student to basic skills required of professional nurses. Students with a CNA or LPN certification/licensure may opt to take this course for 2 credit hours and not complete the lab. If this option is chosen, these students will be required to appropriately demonstrate 3 direct care skills prior to participation in clinical experiences: taking vital signs, simple sterile dressing change, and foley catheter insertion. Lecture/Discussion/Lab.		
AH212	Medical Terminology	3 hours. The purpose of this class is to familiarize the student with typical medical terminology, how these terms are constructed, and the meaning of pertinent prefixes and suffices associated with the technical healthcare language.		
AH300	Professional Nursing Practice	3 hours. This course will introduce students to the role of the baccalaureate prepared nurse. Students will transition from clinicians to professionals, and acquire a deeper understanding of the nursing profession.		
AH305	Adaptive Health and Assessment	3 hours. This course introduces the student to physical assessment using the adaptation nursing model. The four modes of adaptation are explored with the focus on psychosocial needs identified through interview skills and physiologic needs identified through physical assessment skills. The framework is applied to health restoration, maintenance and enhancement of nursing interventions with a focus on wellness. (2.5 lecture hours, .5 clinical hour)	AH300	AH300
AH314	Pathophysiology	3 hours. This course will examine altered physiologic functions and their effects on adaptation. The roles of heredity and the changing environment on physical function are emphasized. Cross-listed with BI314.		BI107, BI205, and BI305
AH316	Data Analysis for Allied Health	3 hours. This course focuses on statistical data and terminology as they apply to nursing research. Students will learn the importance of statistics in performing data analysis and will be introduced to basic statistical procedures.		MA103 or higher.

Course #	Course Title	Course Description	Corequisites	Prerequisites
AH320	Health Informatics for Nurses	3 hours. This course will introduce students to information technology in health care. Students will explore the advantages and disadvantages of technology in health care, and assess the current systems they work with. Ethical issues related to information technology will also be discussed.	AH300 and AH305	AH300 and AH305
AH330	Business Concepts in Health Care/Case Management	3 hours. Business Concepts in Health Care/Case Management focuses on the economics of health care, legal aspects of health care, health care systems in the U.S., case management issues, and budgeting.		AH300, AH305, AH320, AH316, NU303, NU320, NU325 and NU455.
AR111	Art Appreciation	3 hours. An introduction to the many forms and roles of art worldwide: the themes, media, elements, and principles of design in two- and three-dimensional art. The historical sequence of cultures and styles from the earliest times to present will be traced through their greatest works. Meets Fine Arts requirement.		
AR116	Basic Photography	3 hours. Basics of photography, including the history and digital evolution of photography as an art medium. Instruction includes the use of digital cameras, natural and artificial lighting, composition, presentational methods and basic Photoshop editing. A lab fee is assessed; students are responsible for printing their portfolio. Students need access to a DSLR or digital camera (not a point-and-shoot). Fulfills "Fine Arts" requirements.		
AR121	Basics of Design	3 hours. A study of and application of two-dimensional and three-dimensional art to include drawing, perspectives, models, etc. The course includes a component of art history and theory. A lab fee is assessed; students are responsible for purchasing their own supplies. Fulfills "Fine Arts" requirements.		
AR186	Art History I	3 hours. A study of the major world cultures and their artistic achievements. Covers prehistoric art to the end of the Medieval Period. Fulfills "Fine Arts" requirement.		
AR188	Art History II	3 hours. A study of the major world cultures and their artistic achievements. Covers the Renaissance to the present. Fulfills "Fine Arts" requirement.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
BH321	Introduction to ABA	3 hours. This course covers the basic principles of applied behavior analysis and behavior modification procedures. Students learn the principals of positive and negative reinforcement, positive and negative punishment, and stimulus control. Students will learn to identify verbal operants and how to implement them in a way to increase functional communication as well as decrease problem behaviors. Student will also begin to identify the core concepts of reinforcement, punishment, and extinction as they apply to modifying behaviors. This class also introduces students to functional behavior assessments.		
BH325	Professionalism in ABA	1 hour. In this stand-alone ethics course students will learn the importance of ethics. We will discuss, in depth, the code of ethics for behavior analysts. Students will also become proficient in The Professional and Ethical Compliance Code. In addition to ethics, students will also be instructed on HIPAA.		
BH323	Behavioral Pharmacology	3 hours. Many ABA practitioners work with individuals who have been/will be prescribed psychotropic medications to manage behavior. This course will provide a brief introduction to pharmacology and neuropharmacology, commonly used psychotropic medications, methods for assessing effects of psychotropic medications on behavior, and considerations for scope of practice and collaboration with non-ABA prescribers.		BH321
BH380	ABA Intensive Practicum I	6 hours. While in an applied setting, students will take principals learned in the BCaBA course sequence and apply them. Student will be supervised on site as well as remotely by the course BCBA. Students will be expected to record themselves working directly with clients, as well as attend weekly group meetings and individual meetings when necessary. An intensive practicum is meant to provide fluency of the task list. Students are expected to demonstrate skill and knowledge in behavior analytic, ethical and professional domains	BH321, BH325 and BH421	

Course #	Course Title	Course Description	Corequisites	Prerequisites
BH385	ABA Intensive Practicum II	1 hour. While in an applied setting, students will take principals learned in the BCaBA course sequence and apply them. Student will be supervised on site as well as remotely by the course BCBA. Students will be expected to record themselves working directly with clients, as well as attend weekly group meetings and individual meetings when necessary. An intensive practicum is meant to provide fluency of the task list. Students are expected to demonstrate skill and knowledge in behavior analytic, ethical and professional domains.	BH427	
BH421	Behavioral Assessment	3 hours. This course covers selecting and defining target behaviors, behavior measurement, and assessment for program planning. Students will explore various assessment methods including Functional Behavior Assessments, Preference Assessments, and functional skill assessments.		BH321
BH422	Verbal Behavioral Analysis	3 hours. This course introduces students to a behavior analytic approach to the behavior of speakers and listeners. Students first learn the 7 types of elementary verbal operants identified by B. F. Skinner and to recognize examples of the concepts as they can be seen in everyday life. Structural and developmental issues, as well as implications for language training and remediation are integrated throughout.		BH321
BH423	Behavior Change Procedures	4 hours. In this course, students will build upon previously learned material (positive and negative reinforcement and punishment, stimulus control). Motivating operations will also be covered in this course. Students will also explore applications of these principles using various methods, including discrete trial teaching, naturalistic teaching, functional communication training, token economies, and others. Importance of planning for generalization and maintenance will be reviewed.		BH321, BH325, BH421
BH424	ABA Methodologies	3 hours. This course provides an in-depth review of applied behavior analytic techniques. Students will learn to apply behavior analytic principles toward the improvement of socially significant behaviors in a wide range of settings as well as to evaluate the effects of behavioral procedures.		BH421
BH425	Advanced Topics in ABA	3 hours. This course covers advanced topics important for applied work. Students will review topics related to intervention development and evaluation, including issues impacting effective implementation such as caregiver training, program evaluation, treatment integrity, and social validity.		BH423

Course #	Course Title	Course Description	Corequisites	Prerequisites
BH426	Research & Data Analysis Methods	2 hours. The course will cover research methods including withdrawal, reversal, alternating treatment, changing criterion, and multiple-baseline designs. Students will learn how to collect, display, and interpret data. Students will learn how to analyze data to make ethical and behaviorally sound decisions.		BH321, BH325, BH421, BH427
BH427	Leadership & Management in Applied Behavior Analysis	1 hour. In this course students will learn the supervision standards. Students will identify appropriate supervision activities. Students will also be educated on the role of a BCaBA when supervising an RBT (registered behavior technician). Student will learn the importance of contracts when supervising.		BH321, BH325, BH421
BH480	ABA Intensive Practicum III (Capstone)	6 hours. While in an applied setting, students will take principals learned in the BCaBA course sequence and apply them. Student will be supervised on site as well as remotely by the course BCBA. Students will be expected to record themselves working directly with clients, as well as attend weekly group meetings and individual meetings when necessary. An intensive practicum is meant to provide fluency of the task list. Students are expected to demonstrate skill and knowledge in behavior analytic, ethical and professional domains.	BH423, BH426	
BI105	Introduction to Environmental Science	3 hours. This introductory course is for students majoring or minoring in environmental science as well as non-majors. This study of environmental science will cover topics including the inter-relations of humans with our environment; environmental ethics; risk assessment; public policy solutions; and soil, water, air, and energy conservation.	BI105L	
BI105L	Introduction to Environmental Science Lab	2 lab hours. The Laboratory portion of the course focuses on the methodology of environmental science.	BI05	
BU110	Introduction to Business	3 hours. Survey course to acquaint students with the major institutions and practices in the business world, to provide the elementary concepts of business, to act as an orientation course for selecting a major, and to provide information on business career opportunities.		
BU225	Computer Applications in Business	3 hours. The course includes the use of microcomputer spreadsheet application software. Topics include creating, formatting, and manipulating files, graphs, and databases; using relational and logical operators to extract data; linking databases and creating reports. Emphasis is on business applications (i.e. Microsoft Office).		

Course #	Course Title	Course Description	Corequisites	Prerequisites
BU228	Electronic Commerce	3 hours. Processes, opportunities and challenges in electronic business technologies. Tools and strategies for using the Internet will be covered.		BU225
BU341	Business Law—Contracts	3 hours. Introduction to legal considerations that influence a businessperson. Topics include the legal environment of business, contracts and the Uniform Commercial Code.		Sophomore standing
BU342	Business Law—Commercial	3 hours. Study of law with emphasis on agency and employment, property, bankruptcy, legal aspects of business organizations, and government regulation.		Sophomore standing
BU480	Strategic Planning and Decision Making	3 hours. This capstone course is an integration of all fields of business. Students will read significant works in Business and Accounting with reflections of those readings including how the topics are currently influencing the industry. Students will apply techniques in business finance, cross-functional alignment, competitive analysis and the selection of tactics to build a successful, focused organization. Students will analyze performance data and make decisions designed to move a company towards success which requires them to look at important business issues through an accounting management, marketing, financial and operations lens. The overall goal of this course is for students to successfully demonstrate a broad mastery of the knowledge and skills gained throughout the program.		AC201, AC202, BU110, BU341, MG35, MK330 and the completion of 90 credit hours. Completion of MK339 is strongly encouraged
CH107	Chemistry/Allied Health	3 hours. A survey of concepts for General Chemistry, Organic Chemistry and Biochemistry. The course includes an introduction to atomic theory, structure and nomenclature for organic and inorganic molecules, and reactions and properties of inorganic, organic, and biochemical systems.		
CJ100	Introduction to Criminal Justice	3 hours. The history, nature and function of the criminal justice system in America.		Freshman or Sophomore status
CJ201	Police Organization and Management	3 hours. Principles and practices common to the effective management of law enforcement agencies.		
CJ202	Criminal Law	3 hours. Origin, development and classification of the substantive criminal law defenses and criminal responsibility.		CJ100 or Division Chair's permission
CJ203	History of Corrections and Penal Institutions	3 hours. An historical analysis of the development of corrections and penal institutions in the United States and the influence of changing social philosophies on this development.		CJ100 or Division Chair's permission
CJ204	Global Crime	3 hours. An examination of international crime operations including sea and air piracy, smuggling and terrorism. Cross-listed with PS204.		CJ100 or Division Chair's permission

Course #	Course Title	Course Description	Corequisites	Prerequisites
CJ206	Criminal Investigation I	3 hours. This class introduces the student majoring in Criminal Justice to the history and evolution of criminal investigation, the legal aspects of investigation, and basic crime-scene techniques including crime scene searches, photography and sketching, interviewing, the collection and preservation of physical evidence, and property crimes.		Open only to Criminal Justice majors. CJ202 with at least a "C," or Division Chair's permission.
CJ270	Criminal Procedure	3 hours. Survey of criminal procedure, those stipulations that guide detention, arrest, pretrial, trial, conviction and corrections, as well as other associated topics. The course forms a theoretical bridge between criminal and constitutional law.		CJ100 and CJ202 or Division Chair's permission
CJ301	Constitutional Aspects of Criminal Justice	3 hours. An examination of U.S. case law regarding the rights and privileges of criminal defendants with regard to electronic surveillance, entrapment, self-incrimination, plea bargaining, trial, double jeopardy and sentencing.		CJ202 or Division Chair's permission
CJ304	Capital Punishment	3 hours. This survey class will address moral, constitutional, and legal considerations as well as issues of application of capital punishment in the United States.		CJ202 or Division Chair's permission
CJ306	Serial Crime and Profiling	3 hours. This course is about reconstructing the serial offender's motives and intent by closely examining all evidence left by a perpetrator at a crime scene. This course is intended to provide students with the skills and information necessary to profile a broad array of serial crimes and will involve review and analysis of actual cases and crime scenes.		CJ202
CJ308	American Constitutional Law and Judicial Process	3 hours. Study of the leading American constitutional principles and major decisions of the Supreme Court. An analysis of the role played by judges and courts in public policy formation. Cross-listed with PS308.		PS101 or Division Chair's permission
CJ309	Law in American Society	3 hours. A study of the role of law and legal institutions in the American system of justice. Cross-listed with PS309.		
CJ314	Social Deviance	3 hours. Sociological approaches to deviance are reviewed and various forms of social deviance are examined as is the process involved in changing the status of a behavior from deviant to not and vice-versa. Cross-listed with SO314.		SO101
CJ315	Criminology	3 hours. The nature, extent, causes, control and prevention of crime. Cross-listed with SO315.		
CJ316	Criminal Investigation II	3 hours. This class is a continuation of CJ206 Criminal Investigation I and addresses crimes against persons, drug crimes, and terrorism.		CJ206 with a grade of "C" or better

Course #	Course Title	Course Description	Corequisites	Prerequisites
CJ318	Juvenile Justice	3 hours. This course provides a comprehensive analysis of the juvenile justice system including the historical and philosophical roots of the system, sources of influence on youth development, the movement toward diversion and deinstitutionalization, police interaction, youth gangs, juvenile courts and due process, corrections and community intervention. This course also explores themes of abuse, neglect, status offenses, and delinquency.		CJ100
CJ330	Principles of Public Administration	3 hours. Introductory survey of public administration with reference to organization, personnel management, financial administration, and administrative process. Cross-listed with PS330.		PS101 and Junior standing or Division Chair's permission
CJ331	Research Design and Data Analysis in the Social Sciences	3 hours. An introduction to research design, social measurement, analytic strategies and applied statistical techniques relevant to the interpretation of social phenomena. Cross-listed with HI/PS/PY/SO331		
CJ350	Policing in a Democracy	3 hours. An examination of the relationship between law enforcement and American society with emphasis on the importance of police-community relations and the constitutional limits on law enforcement agencies.		CJ270
CJ480	Senior Thesis	3 hours. (Capstone) Seminar in which students complete the research and writing of a Senior thesis which must be successfully defended before the faculty of the Division of Social Sciences.		
CMU190	Orientation to Online Learning	1 hour. This course provides an intensive introduction to the online learning program at Central Methodist University. It includes an introduction to myCMU, CMU's learning management system (LMS), which is the basis for the delivery of online courses at CMU, an exploration of the requirements for success in online learning (which may be quite different from the things that make for success in on ground classes), and a review of the academic resources available to online students at myCMU.		
CMU201	Introduction to Leadership	1 hour. This interdisciplinary course provides an introduction to leadership principles and theories using a combination of case studies, historical perspectives, and personal experience with effective leaders. By the end of the course, students should understand individual and group leadership issues and be able to identify personal leadership qualities to apply in their lives.		Sophomore standing

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CS172	.NET 1	3 hours. A study of structured programming using C++ #.NET including: introduction to the programming environment, algorithmic development, problem solving, and an introduction to data abstraction. Emphasis is placed on program design and documentation.		
CS214	Web Page Design	3 hours. An introduction to the fundamentals of web page design. Use of HTML and CSS to plan and create web pages that combine text, images, and other multimedia to design clean, easy-to-use pages that support the content.		
CS216	Web Programming	3 hours. Students will learn the basics of web communication protocols and HTML file formats. Then students will write programs to submit web requests and process responses automatically. Several different web programs and web bots will be created during this class to illustrate the different techniques of web programming.		CS172
CS236	Programming in Visual Basic	3 hours. Program development using Visual Basic.NET Topics include: language statements, Visual Basic objects in forms, menus, dialog boxes, multiple forms, file management, and accessing databases. A toolkit of objects such as buttons, text boxes, and labels are used to build programs.		
CS237	Programming with Java	3 hours. Students will learn to program using the Java language. They will explore the strengths and weaknesses of Java. Students will examine how to do input and output, branching and iteration, make calculations, save and execute Java programs. At the end of the course, students should be able to create various Java applications.		
CS271	.NET II	3 hours. Continuing the study of structured programming using C#.NET including: algorithmic development, problem solving, interfacing with databases, and an introduction to graphics. Emphasis is placed on program design and documentation.		CS172
CS272	Survey of Programming Languages	3 hours. This course will briefly look at six to eight languages, comparing and contrasting their strengths and weaknesses. Several structured languages like C++, Pascal, Java, and C# will be surveyed along with assembler, and AI languages like LISP or Prolog, and COBOL. Because of the brief treatment of each language, students are not expected to be proficient at any of the languages but should be able to recognize and understand code and the strengths and weaknesses of each language.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
CS275	Mobile Application Development	3 hours. A study of the process by which applications are developed for handheld devices such as smart phones, pads, or tablets.		
CS362	Database Systems and SQL	3 hours. An introduction to database concepts, data models, database normalization, data description languages, query facilities, database security, data integrity and reliability, and SQL.		One programming course
CS363	Digital Communications/Networking	3 hours. A study of data communications, network structure design and architecture network standards and services using the OSI model. Emphasis in NOVELL and NT architectures.		CS377
CS371	Concepts of MIS	3 hours. This course will investigate the system development cycle. Stress will be placed on system documentation describing process flow, data flows, data structures, file design, input and output, and program specification. A significant class project will illustrate concepts.		One programming course
CS375	Game Programming	3 hours. This course builds on content from prior computer science courses and incorporates programming fundamentals with the topics of graphics, animation, data structures, and web programming. Several game projects, from simple to more complex, will be examined and coded. Issues like player input, calculations, and presentation, along with real-time versus turn-based, will be discussed.		CS271
CS377	Computer Architecture and Operating Systems	3 hours. A study of computer structure and machine language, assembly language, addressing techniques, File I/O, program segmentation, linkage, and operating systems.		CS271
CS378	Data Structures and Algorithms	3 hours. A study of algorithms and data structures. Topics will include the following: data structures, abstract data types, recursion, algorithm analysis, sorting and searching.		
CS480	Senior Thesis	3 hours. (Capstone) A course tailored to the individual student's needs. Special projects will be used to extend the areas of interest.		Computer Science major with Senior standing.

Course #	Course Title	Course Description	Corequisites	Prerequisites
CT101	Public Speaking	3 hours. Students study the theory of speech communication to develop skills in public-speaking situations. Topics include the speech-communication process, ethics, listening, intercultural considerations, speech-topic selection, audience analysis, research, use of evidence in a speech, speech organization, language usage, speech delivery, presentation aids, and the types of public speaking. Students present introductory, impromptu, commemorative, informative, and persuasive speeches as well as group presentations to improve their public-speaking skills Required of all students and must be taken during the first three semesters of enrollment at CMU.		
CT201	Public Relations	3 hours. Students study the role, process, strategy, tactics, and application of public relations in the corporate, governmental, political, non-profit, sports, entertainment, and travel fields. Topics include the history of public relations, ethics, careers in public relations, public opinion, persuasion, conflict management, and legal issues. Students learn how to research, plan, communicate, and evaluate a public-relations campaign. Students create news releases, media alerts, media kits, pitch letters, audio news releases, video news releases, speeches, and other public-relations tactics.		
CT205	Public Relations Writing	3 hours. Students learn and practice the skills necessary for success in the many forms of modern public relations. Students develop skills in researching, writing, editing, and recording for public relations through the study of and creation of public-relation tools such as annual reports, audio news releases, brochures, media alerts, media kits, news releases, opinion-editorial pieces, press releases, pitch letters, public service announcements, speeches, and video news releases. Students also learn critical-thinking skills by using audience analysis to target the message for the intended audience or public. Student work will result in a public-relations portfolio.		EN120 (or EN110/EN111) and CT201.
CT230	Mass Media	3 hours. Students study the history and effects of mass media, including books, magazines, newspapers, music, movies, radio, television, blogs, social media, and other internet-based media. Topics include mass media theories and how they apply to areas in the media such as advertising, journalism, and public relations. Students read and discuss important topics and current trends in mass media.		

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CT280	Public Relations Events	3 hours. Students study the use of events as a form of promotion for individuals, organizations, products, or places. Topics include the planning, implementing, promoting, and evaluation of events. Budgeting, legal issues, logistics, crowd safety, and event proposals are also discussed. Students discuss readings from the textbook, analyze actual events, and create an actual event to better understand how events serve a promotional need		CT201 or permission of the Division Chair
CT306	Media Law	3 hours. Students study the law as it relates to the First Amendment, journalism, and business. Topics include political speech, obscenity, campus speech, defamation, privacy, news, broadcasting, intellectual property, advertising, and public relations. Students investigate, discuss, and debate the issues surrounding these topics.		CT101
CT320	Interpersonal Communication	3 hours. Students study the different methods of analyzing the self and one-on-one relationships within the context of interpersonal communication. Topics include the communication process, perception, self-concept, cultural effects, gender effects, emotions, language, listening techniques, verbal and nonverbal communication, intimacy, power, interpersonal conflict, and relational communication. Discussion, journal entries, in-class activities, and outside assignments help students understand and assess their interpersonal communication skills.		
CT325	Advanced Public Speaking	3 hours. Students study the theory of speech communication to further develop their skills in researching, writing, and presenting speeches in public-speaking situations. Topics include the types of speeches, methods of delivery, persuasive theory, persuasive techniques, rhetorical criticism, political speeches, and interviewing skills. Students present individual informative, persuasive, and special-occasion speeches as well as group presentations.		CT101
CT330	Business Communication	3 hours. Students study written and oral communication used in for-profit, non-profit, and governmental organizations. Topics include the writing of memoranda, proposals, reports, speeches, résumés, cover letters, and grants. Students improve their writing, speaking, leadership, team-building, and interviewing skills through discussion, assignments, and external class projects.		EN120 (or EN110/EN111)

Course #	Course Title	Course Description	Corequisites	Prerequisites
CT345	Small-Group Communication	3 hours. Students study the theories and processes of small-group communication. Topics include group development, problem-solving, and decision-making; leadership; listening; conflict resolution; and virtual groups. In-class discussion, group exercises, projects, and presentations help students improve their leadership, team-building, and presentation skills.		CT101
CT388	Public Relations Campaigns	3 hours. Students study public-relations campaigns to learn how decision-makers in the public and private sectors research, plan, execute, and evaluate communication campaigns. Topics include cases in media relations, internal communications, community relations, public affairs, governmental relations, investor relations, consumer relations, and international public relations. Students use their knowledge of public-relations theories, strategies, and techniques to create a public-relations campaign for an existing or hypothetical organization. Students also study events used in campaigns as a form of promotion for individuals, organization, products, or places. Topics include the planning, implementation, promotion, and evaluation of events. Students plan an event as part of a public-relations campaign.		CT201 and CT205
CT480	Senior Thesis	3 hours. (Capstone) This is the capstone course for Communication majors. Open only to Juniors and Seniors majoring in Communication. This course is a Senior thesis seminar. Students must complete either (1) a directed research paper or (2) an approved audio/video project with a written research component and defend it before the faculty of the Division of Social Sciences.		
EC201	Macroeconomics	3 hours. Following an initial introduction to important general economic concepts, including demand and supply, the course examines the U.S. economy from a macro-economic perspective. It includes an analysis of (1) how unemployment, inflation, and Gross Domestic Product are measured, (2) different theories of why the economy goes through cyclical fluctuations (recessions and booms) in the short-run, (3) long-run economic growth, and (4) the use of monetary and fiscal policies to stabilize the economy.		MA103 (or ACT Math subscore ≥ 22)

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EC202	Microeconomics	3 hours. Following an initial introduction to important general economic concepts, including demand and supply, the course examines the U.S. economy from a micro-economic perspective. It includes an analysis of (1) the theory of consumer behavior, (2) elasticity, (3) costs and supply, (4) market structure, (5) anti-trust law and regulation, and (6) factor markets.		MA103 (or ACT Math subscore ≥ 22)
EC311	Money, Credit, and Banking	3 hours. Examination of the role of money, financial markets, and financial intermediation in the American economy, with a particular focus on commercial banks. Includes an in-depth look at the money supply process and the Federal Reserve System.		EC201 and EC202
EC314	Managerial Economics	3 hours. Intermediate microeconomics with a focus on applications of Economics to decisions made by managers of a firm, including the concepts of demand analysis and forecasting, production and cost analysis, and pricing and output decisions.		EC202 or Division Chair's permission
EC316	Intermediate Macroeconomics	3 hours. This course builds on the material covered in EC201. After reviewing basic macro-economic concepts, it looks at different models of how the aggregate economy functions in both the short-run and the long-run, (including Keynesian, monetarist, supply-side, and real business cycle models). It also looks at the use of monetary and fiscal policies to stabilize the economy.		EC201 and EC202
EC347	International Economics	3 hours. Examination of the economic interdependence among the nations of the world. The first half of the semester covers the theory of international trade and explores such issues as why nations trade with one another, the results of such trade, and the consequences of interfering with free trade with tariffs and quotas. The second half covers international finance and focuses on the determination of exchange rates, the balance of payments, and the international transmission of business cycles.		EC201 and EC202
ED101	Introduction to Teaching	2 hours. A study of the historical, philosophical, legal, and social development of education in the United States with an emphasis on school organization and management, and the roles and responsibilities of the teacher, principal, superintendent, and school board.	ED102	
ED102	Introduction to Teaching Practicum	1 hour. Applied experiences (12-18 clock hours) working with students in a classroom setting. Prerequisite: Concurrent enrollment in ED101. In order to remain eligible in programs that require ED102, students must earn at least a "C" in no more than two attempts to pass ED102		

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED103	Child Development	2 hours. The study of the physical, motor, intellectual, social, and emotional development of the young child as well as the development of an intelligent philosophy of adult-child relationships. This course includes 10-12 clock hours of clinical experiences.		
ED122	Education Technology	2 hours. This course will introduce students to a number of current technologies, both hardware- and software-based, with the intent of enhancing the presentation of materials and the sharing and collaboration of information. The course will include material concerning related social, ethical, and legal issues surrounding technology.		
ED204	Utilizing Family and Community Resources	3 hours. The cooperation between home, school, and community to provide a supportive educational environment for the young child. Includes community exploration from an historical, philosophical, and social perspective; basic principles related to community resources; various child-rearing and parenting styles; and methods of utilizing and communicating with families and the community. Cultural and socioeconomic factors, and the realities of the changing family and variations among parent education program types are considered.		ED103
ED206	Infant/Toddler Curriculum Methods and Materials	2 hours. Introduction to various curriculum methods for children aged six weeks through two years. Current issues in infant/toddler care will be discussed.	ED207	ED103
ED207	Infant/Toddler Curriculum Methods and Materials Practicum	2 hours. The clinical experience (24-36 clock hours) includes observation of infants and toddlers and participation in planning and conducting learning experiences appropriate for infants and toddlers.	ED206	
ED264	Child Health	2 hours. This course focuses on children ages birth through 16 and the health issues that affect them. The areas of focus for this course are functions and interrelationships of systems, health maintenance and enhancement, risk assessment and reduction, efficiency of human movement and performance, and physical activity and lifetime wellness. This content is consistent with the Missouri Subject-Specific Competencies for Early Childhood and Elementary Education.		ED101 or permission of the Division Chair
ED303	Methods and Materials for Teaching Content Classes	3 hours. Presents methods and materials for integrating social studies and science concepts required in elementary classrooms, including those identified as Show-Me Standards and Project Construct Goals by the Missouri Department of Elementary and Secondary Education.	ED304	ED315, ED326, and ED327; successful passing of MoGEA exam

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED304	Methods and Materials for Teaching Content Classes Practicum	1 hour. This clinical experience (20 clock hours) includes observation and participation in planning, implementing, and documenting learning experiences in an elementary classroom. Attention is given to an integrated curricular approach.	ED303	ED315, ED326, and ED327; successful passing of MoGEA exam
ED308	Organization and Administration of Early Childhood Programs	3 hours. (Capstone for Child Development only) The development and enhancement of strategies for developing, organizing, and administering quality early childhood programs.		ED330 and ED332
ED313	Classroom and Behavior Management in the Middle and Secondary Classroom	3 hours. This course is designed to acquaint pre-service middle-school and secondary-school teachers with strategies for classroom and behavior management. Students will address such topics as creating social relationships in the classroom, increasing student motivation, minimizing disruptive behavior, and understanding the effects of classroom management on behavior and learning.		Junior standing
ED314	History, Philosophy, and Curriculum of Middle-Level Education	3 hours. Study of the historical background, philosophy, organization, and curriculum of middle-level education, including discussion of teaching techniques and practices that best serve middle-level students. Areas of emphasis are teaming, advisor/advisee programs and co-curricular, extra-curricular, and instructional methods.		ED101 and PY223
ED315	Reading and Writing with Young Children	4 hours. Basic foundations of reading development. Includes current research, theories, techniques, and materials that meet both individual and group needs in oral and written language. Emphasis on the integration of the language arts: reading, writing, speaking and listening. Developing and sharing instructional methodology for diverse students is integral to this course. This course includes 8-10 clock hours of clinical experiences.		ED103
ED318	Reading Assessment and Instruction	3 hours. The study of formal and informal assessment as it relates to individual needs is a basic part of this course. Development of instructional plans with an emphasis on personalized reading strategies and continuous assessment is included.	ED319	ED315, successful passing of MoGEA exam
ED319	Reading Assessment and Instruction Practicum	1 hour. This practicum (18 clock hours) provides opportunities for pre-service teachers to practice reading strategies with elementary students.	ED318	ED315, successful passing of MoGEA exam
ED320	Teaching Reading & Writing in the Middle School	3 hours. The reading process and the application of reading and writing strategies in various content areas in the middle school. May be taken concurrently with ED318/319.		Successful passing of MoGEA

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED324	Methods of Teaching Mathematics in the Elementary/Middle School	3 hours. Methods of teaching mathematical concepts recommended by the National Council of Teachers of Mathematics as basic to an elementary and middle school curriculum. Based on research of learning theorists and successful classroom procedures. Includes mini-teaching experiences.		Successful passing of MoGEA
ED326	Children's Literature	3 hours. All genres of literature for children and adolescents are surveyed through synopses and reading of books by outstanding authors to acquaint the student with high quality stories and poems for use with children and adolescents. Multicultural literature is emphasized and methods of using literature in the classroom as well as techniques of storytelling are also studied. Extensive reading and active participation in class discussion are essential for this course. This course includes a minimal amount of clinical experiences.	ED327	ED103
ED327	Creative Arts	3 hours. This course is designed to encourage observation, expression, and appreciation through creative activity while exploring music, drama, visual arts, and movement. Applied laboratory experiences are included. This course includes a minimal amount of clinical experiences.	ED326	ED103
ED329	Emergent Language	2 hours. Examination of the oral and written language development of the young child. Factors that facilitate or inhibit language development will be discussed. Attention will be given to the sampling, analysis, and evaluation of a language user.		ED103
ED330	Curriculum Methods and Materials in Early Childhood Education	2 hours. Introduction to various curriculum models for children aged three years through eight years. Early childhood education is explored from an historical and philosophical perspective. Current issues in the field are discussed.	ED331	ED103
ED331	Curriculum Methods and Materials in Early Childhood Education Practicum	1 hour. The clinical experience (24 clock hours) includes observation of children in an accredited early childhood program, participation in planning and conducting activities under the supervision of teachers, and the construction of various teaching aids appropriate for young children.	ED330	
ED332	Screening, Diagnosis, and Planning Instruction for Young Children	2 hours. Introduction to various facets of assessing young children, including considerations of children who represent cultural, cognitive, and linguistic differences. Evaluation and administration of assessment instruments and interpretation of results, and educational recommendations are included.	ED333 and ED337	ED103

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED333	Screening, Diagnosis, and Planning Instruction for Young Children Practicum	1 hour. Laboratory (24 clock hours) experience in screening young children. Each student observes a child enrolled in an accredited or public school early childhood program for a semester and suggests developmentally appropriate goals for the child based on observation, assessments, and constructivist principles.	ED332 and ED337	
ED337	Curriculum Development	2 hours. Development of early childhood curriculum. Includes examination of constructivist theory, and developmentally appropriate lesson planning that provides for the physical, social, emotional, creative, and cognitive growth of children.	ED332 and ED333	ED103, ED330/331,
ED340	Implementing a Business Education Program	3 hrs. This course addresses information needed to plan, implement, and maintain Business Education programs.		Must be admitted to Link 2 of the CMU Education Program or approved by Division Chair.
ED350	Education Methodology	2 hours. This course is the first in a series of three courses designed to introduce students to curriculum, assessment, student data, data-based decision making, and instructional strategies. The course will also require 10 hours of mid-level field experience.		ED101/102 with a grade of C or better, Successful passage of MoGEA, and Junior standing or permission of Director of Professional Education.

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED370	Special Teaching Methods	<p>Offered in each high school teaching field. These courses consider methods, materials and evaluation techniques based on current educational research and recommendations from the Missouri Department of Elementary and Secondary Education. These courses may not always be offered annually. Students should confer with their advisors to determine when these courses are offered and develop their degree or certification plans accordingly. A minimal amount of clinical experience will be involved in the course.</p> <p>Offered as the following sections:</p> <ul style="list-style-type: none"> • ED370BU The Teaching of Business in High School. 3 hours. The problems, methods and materials of teaching business in the secondary schools. • ED370E The Teaching of English in High School. 3 hours. The problems, methods and materials of teaching English in the secondary schools. Fall. • ED370L The Teaching of Foreign Languages in High School. 3 hours. The problems, methods and materials of teaching a foreign language in the secondary schools. Fall. • ED370MA The Teaching of Mathematics in High School. 3 hours. The problems, methods and materials of teaching mathematics in the secondary schools. Fall. • ED370MU Teaching of Music in High School. 3 hours. The problems, methods and materials of teaching music in the secondary schools. Prerequisite: ED369. Fall. • ED370MV Teaching of Vocal Music in High School. 2 hours. The problems, methods and materials of teaching music in the secondary schools. Prerequisite: ED369. Fall. • ED370PE Methods of Teaching Physical Education in High School. 3 		Successful passage of the MoGEA.
ED444	Early Childhood Experience	3 hours. An experiential approach (120+ clock hours) to observe and practice teaching strategies with pre-school children in an accredited setting.		
ED452	General Methods of Early Childhood Teaching	1 hour. Expansion of the knowledge, skills, and competencies of pre-service educators. Topics include: successful teacher characteristics and behaviors, communication, classroom management assessment, job search preparation, and finalization of the pre-service portfolio	Taken during student-teaching semester.	ED 101/102, PY210, 223, 342/343, and successful passing of MoGEA exam

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED453	General Methods of Teaching	2 hours. Expansion of the knowledge, skills, and competencies of pre-service educators. This course includes 30 clock hours of clinical experiences. Topics include: job search and interview process, first-year teaching expectations, ethics and professionalism, teacher certification, teacher evaluation, mentoring, educational philosophy, school structure and hierarchy, legal issues, parent/teacher conferences, and review topics from ED370. This course cannot be repeated for a change of grade.	Taken the semester prior to student teaching.	ED 101/102, PY210, 223, PY342/343, successful passing of MoGEA exam, and passing score on state qualifying exam for certification in student's area of study. 2.75 overall GPA, 3.0 content area GPA, and 3.0 professional education GPA
ED454	Student Teaching Seminar/Methods	2 hours. This course is taken concurrently with ED462. In this course students will reflect on and share their observations and teaching experiences. They will also discuss current educational topics, curriculum development, legal issues, lesson planning, and classroom management. Students will also be provided with guidance on the completion of the MoPTA tasks.		ED101/102, ED370 for middle school and secondary majors, PY210, PY223, PY342/343, successful passing of MoGEA exam, passing score on state qualifying exam for certification in student's area of study. 2.75 overall GPA, 3.0 content area GPA, and 3.0 professional education GPA.
ED461	Early Childhood Student Teaching	5 hours. (Capstone) Early Childhood Education majors are assigned to observe classroom teaching, assist in teaching and prepare learning experiences in an infant/toddler, preschool, or kindergarten classroom. This course includes a minimum of 150 clock hours of clinical experiences.		2.75 overall GPA, 3.0 content area GPA, and 3.0 professional education GPA.
ED462	Supervised Student Teaching	8-10 hours. (Capstone) The purpose of this experience is to first observe and then apply professional knowledge and skills in concert with a professional educator. The student will gradually assume responsibilities for all classroom and school duties under the guidance of the classroom teacher and a college supervisor. This course includes 240-280 clock hours of clinical experiences. This course cannot be repeated for a change of grade.		Successful passing of MoGEA exam, ED370 for middle and secondary education majors, ED453, and passing score on state qualifying exam for certification in student's area of study. 2.75 overall GPA, 3.0 content area GPA, and 3.0 professional education GPA.
ED463	Supervised Student Teaching for Add On Certification Endorsement	1 hour. An abbreviated student teaching experience designed to give Seniors an opportunity to work and learn in a certification endorsement area. The student assumes responsibilities for all classroom and school duties under the guidance of the classroom teacher and a college supervisor. This course includes 40-80 clock hours of clinical experiences.		Successful passing of MoGEA exam.

Course #	Course Title	Course Description	Corequisites	Prerequisites
ED468	Child Development Internship	3 hours. This internship offers an alternative in the Child Development major for students who want a capstone experience in a non-school setting. It must be designed in consultation with the student's advisor and approved by the division chair as an acceptable capstone experience. Students will choose a placement that fits both their program of study and their career goals.		
ED470	Instructional Interventions for Students with Reading Deficits	3 hours. Presents theoretical and pedagogical information about teaching reading to secondary school students with reading deficits. Emphasis is placed on addressing the needs of culturally and linguistically diverse students, as well as students who require differentiated instruction to successfully read content material.		Successful passing of MoGEA exam.
ED471	Teaching Reading in the Secondary School	2 hours. This course provides a study of teaching and learning situations in secondary schools and the application of reading and writing strategies in various content areas. Emphasizes preparation of materials for the classroom.		Successful passing of MoGEA exam.
EN110	College Composition I	3 hours. EN110 focuses on techniques of topic development, drafting, and revision to help students write clear, concise sentences, paragraphs, and essays. EN110 is also the study of grammar, syntax, and diction and their relationship to effective writing. Required of all students who score 19 or below on their ACT English subscore. Must be taken during the first two semesters of enrollment.		
EN111	College Composition II	3 hours. EN111 focuses on techniques of topic development, drafting, and revision to help students write clear, concise sentences, paragraphs, and essays. EN111 is also the study of grammar, syntax, and diction and their relationship to effective writing. Required of all students who score 19 or below on their ACT English subscore or who took EN110 or its equivalent; completing the EN110/EN111 sequence is a prerequisite to all other English courses.		Grade of C or better in EN110.
EN211	Grammar for Educators	3 hours. This course will introduce students to the basics of English grammar. Students will learn how to identify parts of speech, analyze sentences, and recognize the conventions of Standard American English. This course will prepare students for upper-level coursework in teaching language arts, assessing language development, and linguistic study.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
EN212	Introduction to Cinema	3 hours. The class examines themes, impacts, and techniques in cinematic art. Through experiencing, reading about, and discussing a series of films, the class studies the history of film, the major film genres, and some of the important film directors. Fulfills "Fine Arts" requirements.		EN120 or EN110/111
EN216	Introduction to Creative Writing	3 hours. This course explores students' writing in creative forms, including short fiction, drama, and verse.		EN120 or EN110/111
EN222	Introduction to Literature	3 hours. This course examines ways of understanding the meaning of character in human life through the study of literature. All sections will introduce students to fiction, poetry, and drama, but each section will be designed around each instructor's chosen theme-based readings or around a general introduction to literature.		EN120 or EN110/111
EN305	Expository Writing	3 hours. EN305 is an intensive writing course in which students produce at least 4 thesis-driven, researched, and objective (non-personal) argumentation essays in a variety of modes. This advanced course in composition is designed to relate to the specific needs and interests of upper-level students with an emphasis on argumentation and research skills. Either EN305 or EN306 is required of all students.		EN120 (or EN110/111) and Junior standing
EN306	Technical Writing	3 hours. This advanced course is designed to relate to the specific needs of upper-level students in technical fields with an emphasis on work-related forms. Technical writing is a mode of information management designed either to prompt action (persuasive documents such as proposals) or to enable action (instructions and informative reports). EN306 introduces students to different forms of technical writing (and not necessarily business writing) and to critical thinking and communication skills. Students will write memos and business letters as well as lengthy, detailed, and researched documents, proposals, and reports. Upon completion of this course, students will be able to analyze the purpose for and audience for documents produced in technical fields and will be able to manage information in order to produce, clear, effective technical documents. Either EN305 or EN306 is required of all students.		EN120 (or EN110/111) and Junior standing

Course #	Course Title	Course Description	Corequisites	Prerequisites
EN312	English Language and Linguistics	3 hours. Topics will include the history of the English language, English dialects, theories of grammar, language development, and how linguistics can help teachers in the classroom. Students are encouraged to take EN211 Grammar for Educators before taking this course.		EN120 (or EN110/111) and Sophomore standing
EN323	American Literature I	3 hours. This is a study of American poetry, prose, and drama from Colonial America to 1865		EN120 (or EN110/111) and any 200-level English literature class
EN324	American Literature II	3 hours. This is a study of the American poetry, prose, and drama from 1865 to present.		EN120 (or EN110/111) and any 200-level English literature class
EN335	Shakespeare	3 hours. This is a study of William Shakespeare's major histories, tragedies, and comedies.		EN120 (or EN110/111) and any 200-level English literature class
EN340	British Literature I	3 hours. This is a study of British poetry, prose, and drama up to 1790.		EN120 (or EN110/111) and any 200-level English literature class
EN342	British Literature II	3 hours. This is a study of the poetry, prose, and drama from 1790 to present.		EN120 (or EN110/111) and any 200-level English literature class
ET375	Small Business Management	3 hours. Characteristics of the entrepreneur, methods of starting and running a self-owned business, and an awareness of the legal, financial, marketing, and personnel problems of the entrepreneur.		AC201 and Sophomore standing
ET475	Entrepreneurship	3 hours. This course will focus on the identification, development, and growth of the entrepreneur and the firm within the free enterprise system. Students will explore small business in terms of risk, difficulties, achievement, orientation, rewards, and satisfaction. Operating problems within selected business opportunities at varying stages of growth and development will be discussed. Students will have the opportunity to interact with entrepreneurs in the classroom and in the actual work environment.		ET375 and Junior Standing
FB101	Personal Finance	This course is a survey course for both business and non-business students in personal financial planning including personal budgeting, investments, insurance, credit, housing, and retirement planning. Fundamentals of financial planning and making educated decisions regarding spending, saving, borrowing, and investing that lead to long-term financial security are key components of this course.		
FB345	Investment Analysis	3 hours. Study of the valuation of various investment securities, including corporate bonds, preferred and common stocks, stock options, warrants, and rights. A section on personal money management will be included.		AC201, and EC201 or EC202

Course #	Course Title	Course Description	Corequisites	Prerequisites
FB351	Business Finance	3 hours. Study of the concepts and techniques involved in providing funds for a business organization. Topics include the evaluation of decisions involving the acquisition of assets (capital budgeting), working capital management, financial ratio analysis, sources of funds and the cost of capital.		AC201, and EC201 or EC202
GD202	Concepts of Graphic Design	3 hours. Introduction to contemporary typography and design. This class explores the principles of applied design as used in the production of brochures, catalogues, magazines, newspapers, etc. Topics will include the use of type, layout, and the use of visual elements using graphics software for project presentation. Basic concepts, principles and elements of design are reinforced through creative problem solving. Students will begin portfolio development.		AR121
GD302	Applied Graphic Design	3 hours. Project oriented class for the application of design theory, procedures and processes while creating, acquiring and editing images in digital format. Course subjects will include: learning and using creative design software programs, advertising design for publication, image resolution and color processes. Students will continue to refine their portfolios		GD202
GD312	Studies in Advanced Graphic Design	3 hours. This course is an in-depth study and practice in graphic design and how art and business are integrated. Students will be expected to produce design solutions that reflect edited conceptual development, advanced strategic thinking and professional product appearance. This course consolidates previous graphic design knowledge and skills. Students will finalize their graphic design portfolios with a culminating project.		GD302
GL105	Exploring Geology	3 hours. This course introduces students to the science of geology. Topics include the study of the origin of the earth, plate tectonics, volcanoes, weathering, metamorphism, geologic time, evolution, and the history of life on earth.		
GL105L	Exploring Geology Lab	2 lab hours. Labs explore minerals, rocks, fossils, and the living organisms characteristic of different geologic ages.		
HI101	World History I	3 hours. A survey from early Mesopotamian and Egyptian civilizations to the 17th century. Topics include: Classical Greece and Rome; Judaism, Christianity and Islam; the feudal age in Europe, Asia and Africa; the commercial revolution; the Renaissance; and the Protestant Revolt.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
HI102	World History II	3 hours. A survey from the 17th century (century of genius) to the present. Topics include: the liberal revolutions in England, America and France; the impact of science and Social Darwinism; the industrial revolution; democratization; World Wars I - II; the communist revolutions in Russia and China; the post-colonial Third World; and modern thought and expression.		
HI103	Introduction to Missouri Civics	1 hour. An introduction to the Missouri Constitution, state political institutions, and processes. This course will fulfill the Missouri State Civics requirement for transfer students who have completed coursework from a non-Missouri institution in American Government or a survey of American History I or an equivalent course which covers the U.S. Constitution. Cross-listed with PS103.		American Government or American History I at an out-of-state institution.
HI117	Development of the United States I	3 hours. A survey from settlement to the end of Reconstruction (1877). Topics include: basic institutions (family, religion, education, politics and economics); the causes of the American Revolution; democratization; the U.S. Constitution; development of political parties; the causes of the Civil War; and the changing status of African-Americans. Fulfills the state civics requirement.		
HI118	Development of the United States II	3 hours. A survey from Reconstruction to the present. Topics include: basic institutions (family, religion, education, politics, and economics); the transition from an isolationistic regional power to an inter-nationalistic world power; the decline of laissez-faire; democratization; recent constitutional interpretation; and the changing status of African-Americans. Fulfills the state civics requirement.		
HI204	World Cultures	3 hours. A survey of western and non-western world cultures using anthropological and historical perspectives. Special emphasis on sample groups in Africa, India and Asia. Cross-listed with SO204.		
HI205	World Geography	3 hours. An examination of major traditions: physical geography, historical-cultural geography and location geography.		
HI306	The Civil War and Reconstruction	3 hours. A study of the forces and events that transformed nineteenth-century America in the period between 1840 and 1870. The course examines the conduct and impact of the war and its political, economic and social aftermath.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
HI307	The History and Politics of Missouri	3 hours. A survey of the social, economic, intellectual, and political history of Missouri from prehistory to the twentieth century. Fulfills the state civics requirement. Cross-listed with PS307.		
HI319	The American Presidency, Past and Present	3 hours. An analysis of the evolution and contemporary operation of the office of the presidency with special emphasis on the administrations of selected presidents. Cross-listed with PS319.		PS101
HI320	The American Way of War	3 hours. A survey of the American military during peace and war from Colonial times to the present. Major American and world political leaders and their top military commanders are examined in their social and historical contexts. Cross-listed with PS320.		
HI331	Research Design and Data Analysis in the Social Sciences	3 hours. An introduction to research design, social measurement, analytic strategies and applied statistical techniques relevant to the interpretation of social phenomena. Cross-listed with CJ/PS/PY/SO331.		
HI340	Teaching with Historic Places	3 hours. A multi-dimensional study of historic places for use in the social studies classroom to understand history, historical change, and cultural continuity. Cross-listed with SO340.		
HI354	The Vietnam War: an International History	3 hours. Vietnam was America's longest war. This class examines that war and all of its ramifications. Covering the early history of Vietnam, to the years after the Vietnam War, the class places America's Southeast Asian conflict within a larger global framework		
HS110	Concepts in Health Care Management	3 hours. In this introductory course, students will learn the key elements of health care management. Topics covered will include career opportunities, leadership, management and motivation, organizational behavior, strategic planning, healthcare marketing, quality of care, basic financial challenges, ethics and legal issues.		
HS304	Health Care Law	3 hours. This course provides a summary of the current legislation governing the provision of health care services, the accountability and responsibilities of health care providers, and the rights of individuals receiving services. Includes, but is not limited to: HIPAA, standards of care, professional Codes of Ethics, Practice Acts, Informed Consent, and the concepts of beneficence, social justice, non-maleficence, altruism, autonomy, human dignity, and integrity in the provision of health care services.	Admission to the program	Admission to the program

Course #	Course Title	Course Description	Corequisites	Prerequisites
HS314	Insurance, Coding, and Billing in Health Care	3 hours. The course introduces the student to the current foundations of reimbursement for health care services by third party payers. Typical requirements for documentation and reporting for insurance purposes are explored, including the usual insurance requirement for pre-certification or prior authorization for services. Standards for accuracy in coding, and how these interface with the billing function are surveyed.	HS304	HS304
HS400	Health Care Informatics	3 hours. The student is introduced to the current basic requirements for the recording and appropriate sharing of health information through mostly electronic systems. Included are aspects of the evolving Electronic Medical Record		HS304 and HS314
HS410	Client Education and Health Care	3 hours. The provision of hands-on care is only one aspect of appropriate health care services. Professional providers of health care services are also responsible for providing clients and families accurate and adequate education about their health issues. This course explores the various individual assessments necessary to determine a client's learning readiness and how to develop and adapt appropriate information to a format that meets the needs of the individual client.	HS400	HS304 and HS314
HS420	Case Studies in Managerial Integrity	3 hours. This course emphasizes managerial integrity and responsibility, creative and critical problem-solving skills with consideration to a global perspective, all of which are essential for personal and professional success in today's rapidly changing business and healthcare environment. Course work will include case analysis and presentation		HS304, HS314, HS400 and HS410
HS430	Current Issues in Professional Practice.	3 hours. The student researches current professional literature on each of the core topic areas of the Health Sciences degree. Weekly, each student provides a formal discussion of the assigned core topic area as it pertains to their practicum experience that is supported by current professional literature. Students respond to peers weekly in constructive dialogue, and utilize current professional literature to support their peer responses. APA format is required for discussions and responses. The final project at the end of the course provides the student with the opportunity to summarize what has been learned in the course.	HS440	HS304, HS314, HS400, and HS410

Course #	Course Title	Course Description	Corequisites	Prerequisites
HS440	Business Management Practicum	6 hours. The student spends a minimum of 6 weeks full time (240 contact hours), longer than 6 weeks if part time, shadowing a mentor in a health care provider/business setting. Each week requires the student to observe and assess a different aspect of the work environment, based on the core topics of the Health Sciences degree. Students provide weekly summaries of these assessments and identification of observed opportunities for improvement. Special attention is paid to the observed leadership, conflict management, communication, employee management, and customer service/satisfaction styles exhibited in the practice setting. Each student develops a final Power Point presentation of their practicum experience. Included in the final PowerPoint presentation is a detailed recommendation developed to address a specific opportunity for improvement identified within the practicum setting.	HS420 and HS430	HS304, HS314, HS400, and HS410
IB376	International Business	3 hours. Introduction and overview of international business as it has evolved to the present time. Coverage includes the evolution of international business structure, processes utilized by international and multi-national businesses, and the effect of national policy on international business. Particular attention will be devoted to evaluating how culture, language, political and legal issues impact management policy and decision making. The course also explores the role of mid-size firms in the international market.		MK330 and EC201
MA090	Computer-Assisted Prealgebra	3 hours. This course is designed for students who lack the necessary arithmetic and/or algebraic skills to undertake courses in mathematics and science. This course emphasizes individualized instruction and computer-assisted learning. Concepts are divided into modules which students must master to progress in the course. Students who complete all the required modules have met the prerequisite for MA103 College Algebra (Intensive) 5 hr. course. Students are placed into the class based on University policy or by permission of the Chair. Course hours will not count toward graduation.		
MA103	College Algebra	3 hours. A study of equations and inequalities, functions and graphs, and systems of equations and inequalities.		ACT Math subscore ≥ 22

Course #	Course Title	Course Description	Corequisites	Prerequisites
MA103I	College Algebra (Intensive)	5 hours. A study of equations and inequalities, functions and graphs, and systems of equations and inequalities. This course is designed to allow students to study algebra at a slower pace. Students are placed into this class based on University policy or by permission of the Chair.		Student with an ACT Math subscore of 20 or 21, or who have successfully completed MA090 are eligible for this course
MA105	Elementary Statistics	3 hours. An introduction to basic statistical procedures with application to all areas.		ACT Math subscore ≥ 22 (or MA103, MA103I with a C or better or by permission of Chair).
MA118	Calculus and Analytic Geometry I	5 hours. The differentiation and integration of algebraic functions and transcendental functions of a single variable, and an introduction to analytic geometry.		ACT math subscore ≥ 22 or having passed MA103 (or MA103I) with a C or above and having passed MA104 with a grade of C or better or by permission of Chair. Students having MA112 credit receive 3 hours for this course.
MA207	Discrete Mathematics	3 hours. Introduction to discrete mathematics topics including counting methods, graph theory, recursion, number theory, and writing proofs using direct and indirect reasoning and induction.		ACT Math subscore ≥ 22 , or a C or better in MA103 or MA103I or by permission of Chair.
MA209	Calculus and Analytic Geometry II	5 hours. Applications of integration; the differentiation and integration of transcendental functions, and topics in analytic geometry.		MA118
MA224	Mathematics for Elementary and Middle Grade Teachers	4 hours. Mathematics central to a comprehensive elementary and middle school mathematics curriculum in a problem solving context. Includes the development of the real numbers as a mathematical system and an informal introduction to geometric concepts. Only Early Childhood majors may count this course for the General Education Common Core.		
MA303	History of Mathematics	3 hours. A study of the history of mathematics.		MA112 or MA118 or instructor's permission.
MA308	Calculus and Analytic Geometry III	5 hours. The calculus of several variables, solid analytic geometry, and series.		MA209
MA318	Matrices and Linear Algebra	3 hours. Introduction to matrix algebra and vector fields, with applications.		MA118 or MA112
MA320	Writing Mathematical Documents	2 hours. This course concerns creating mathematical documents. Students will learn to read and write in the language of mathematics, including all the symbols and notations commonly found in the field of mathematics, by creating original documents and interpreting replicating existing documents.		MA118 and MA209 or equivalent, or by instructor's permission.

Course #	Course Title	Course Description	Corequisites	Prerequisites
MG354	Principles of Management	3 hours. Knowledge, roles, responsibilities, and skills required of modern managers with emphasis on bureaucracy, decision-making authority, social responsibility, specialization, leadership, and problem solving.		Sophomore standing
MG356	Human Resource Management	3 hours. HRM concepts related to the selection of employees, employee training, leadership styles, job design, communication systems, and rewards and punishments.		Sophomore standing
MG370	Information Systems	3 hours. Survey of the systems development process and the role of information systems in business with emphasis on accounting information systems. Students will become familiar with the general role, structure, and control of the accounting information system. A specific application software package for a small business is introduced and used. Cross-listed with AC370.		Junior standing, BU225, AC201, AC202, or Division Chair's permission.
MG477	Production/Operations Management	3 hours. Knowledge, roles, responsibilities, and skills required of modern operations managers. An emphasis is placed on production planning, scheduling, forecasting, and programming.		MG354 or MG356 and either 2 years of algebra in high school or MA103 (or MA101/102)
MK303	Sports Marketing and Events	3 hours. This course provides a framework for understanding the management and marketing strategies used within the sports management and marketing industries today. This course is intended to cover three basic components: sports as a medium, sports as a product and the emerging considerations relevant for the application of marketing techniques, tasks and event planning responsibilities that can be applied in amateur, recreational or professional sports, sporting events and entertainment events.		MK330 and sophomore standing
MK330	Marketing	3 hours. Concepts and techniques involved in marketing products and services to consumers and industrial users. Topics include the role of marketing, the selection of marketing targets, product planning, channels of distribution, product promotion and pricing.		Sophomore standing or higher
MK339	Sales Management	3 hours. Effective tools and techniques employed by salespeople and field sales managers including psychology of selling, use of research, personal time management, and the motivation and evaluation of salespeople. It includes student role-playing of selling situations.		MK330

Course #	Course Title	Course Description	Corequisites	Prerequisites
MK366	Advertising	3 hours. Hands-on approach to the advertising campaign and stresses the utilization of marketing research for the development of creative concepts and strategy. Emphasis is placed on problem-solving and the production of copy and visuals as well as the refinement of presentation skills. This is a project-intensive course.		MK330
MK378	Marketing Research	3 hours. Study of marketing research theory and practice and their real world application to small and large businesses. Includes case studies of contemporary ideas in marketing research and their execution. Emphasis on hands-on work with reviews and suggested revision of marketing plans of local businesses.		MA105 and MK330
MK430	Strategic Marketing	3 hours. An in-depth analysis of the quantitative and qualitative factors involved in the management of the marketing function and adapting to the new economy. An overall emphasis on customer relationship management, technology and the internet, brand building, and global marketing. Value based marketing and managing profits, performance and accountability of a business are also emphasized. Students will develop a sample marketing plan for review by a marketing professional.		MK330, Junior standing, or Division Chair's permission
MU188	Music Appreciation - The World of Music	3 hours. Designed to serve the cultural interests of students not concentrating in music. Lectures and assigned readings are supplemented by recorded music. No credit toward a major in Music. Fulfills "Fine Arts" requirement.		
NU303	Research in Nursing	3 hours. Introduction to research in the discipline of nursing. Topics include elements of the research process, examination of research design, development of research proposals, and application of the research process in the clinical area. 3 lecture hours.		AH 300, AH305, AH316 and AH320.
NU320	Adaptation Nursing in the Community	4 hours. This course focuses on the inter-relationship of community health principles and adaptation nursing. Lecture and seminar topics include community assessment, family assessment and dynamics, role and function of the community health nurse, crisis intervention, epidemiology, legal/ethical issues of practice, economics of community/home health agencies, and patient education. Application of theory content will be through exercises designed to demonstrate clinical understanding of public health nursing. 3 lecture hours, 1 clinical hour.		AH 300, AH305, AH316 and AH320, NU303.

Course #	Course Title	Course Description	Corequisites	Prerequisites
NU325	Historical Trends in Nursing	3 hours. This course focuses on the historical development of nursing from biblical time to the present day. Lectures and seminars focus on historical occurrences and trends in nursing and the current relationship between nursing and the health care system.		AH 300, AH305, AH316 and AH320, NU303, NU320.
NU361	Gerontology I	3 hours. The focus of this course is on theories, concepts, and issues related to aging with specific consideration to how these affect current and projected increases in the elderly population. Individual, social, and political implications of the culturally complex nature of these populations are integrated throughout the lessons.		
NU362	Gerontology II	3 hours. The focus of this course is to build on the concepts of Gerontology I. Content includes physiology of aging, cognitive changes, cultural dimensions, wellness, environmental concerns, stress, nutrition, dementia, and polypharmacy.		
NU369	Rural Health	3 credit hours. This course focuses on health issues from a rural health perspective. Content includes a study of the multifaceted dimensions of health, illness, the health care delivery system, populations with special needs, occupational accidents, and health beliefs of rural residents. Also included is information from a U.S. and international viewpoint.		
NU390	Special Topics: Forensic Nursing	This course focuses on the specialty of Forensic Nursing. Students will examine historical and theoretical aspects of the profession and will develop an understanding of the different forensic nurse roles.		
NU390	Special Topics: Pathophysiology	This course will examine altered physiologic functions and their effects on adaptation. The roles of heredity and the changing environments on physical function are emphasized.		
NU390	Special Topics: Pharmacology	This course provides a study of actions and side effects of functional groups of drugs. Attention is given to diet, age, and other factors influencing drug response. Nursing interventions and client education are stressed.		
NU455	Professional Issues, Leadership, and Management	3 hours. This course prepares the student for the expanded role as nurse leader/manager. Lectures and seminars focus on management theories, leadership style, change theory, interpersonal and inter-professional relationships, and current issues/trends in practice and education.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
NU480	Integrated Concepts of Adaptation Nursing	5 hours. This course builds on the concepts of past nursing courses and allows the student the opportunity to apply these concepts through an individualized nursing practice under the supervision of a faculty advisor and a project mentor. The student will be required to develop a specific set of learning objectives for the selected area of clinical practice. This flexible approach to learning allows the student the opportunity to develop expertise in a selected area of practice. Students must pass the practical, written, and oral components of this course to graduate. (3 hours of clinical project and 2 hours of didactic)		AH300, AH305, AH316, AH320, AH330, NU303, NU320, NU325, and NU455.
PE111	Wellness	1 hour. The recognition of physical fitness and physical well being as expressions of strength of character is rooted in the ancient Greek and modern Olympic Games. Both the study of physical well being and the practice of physical well being have a long tradition in higher education. Strength of character includes (1) understanding the nature and bases of physical well being, (2) the development of physical as well as mental disciplines, (3) habits of life that support physical as well as mental well being, and (4) enhanced awareness of the meaning and applications of sportsmanship. This course includes both classroom and laboratory experiences to move students toward these dimensions of character formation. This course is part of the General Education Common Core requirement.		
PE202	Motor Learning and Motor Development	2 hours. The study of scientific principles, concepts, and theories related to motor learning and human behavior in sport and physical education. The focus of the course is to introduce students to information on motor learning and acquisition of motor skills and encompasses three areas: motor learning, motor control, and motor development.		
PE203	Introduction to Strength and Conditioning	2 hours. This course offers instruction and practice through teaching strategies and participation to demonstrate developmentally appropriate strength and conditioning principles to both K-12 students and collegiate athletes in muscular strength, endurance, power, flexibility, and conditioning. The course focuses on kinesiology and the biomechanic principles used in training athletes and clients for the primary goal of improving athletic performance and fitness.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
PE210	Personal and Community Health	2 hours. Education majors study the personal health problems and the safety education of students PK through grade 12. Areas of study include growth and development, nutrition, sex and drug education, personal hygiene, and how these areas relate to the students and the community.		
PE212	First Aid/Community CPR	2 hours. This course provides certification for first aid and CPR.		
PE216	Nutrition and Athletic Performance	3 hours. Fundamental principles of human nutrition and their application essential to health, from a physiological point of view. The focus of this course is to learn about nutrient requirements, food sources and adequate diet selection in regards to the effects and benefits to athletic performance.		
PE217	Foundations of Physical Education	2 hours. Historic and philosophic analysis of physical education emphasizing physical education as an academic discipline, professional opportunities, and associated fields.		
PE321	Organization and Administration of Physical Education and Athletic Programs K-12	2 hours. Examines recognized and successful ways of setting up physical education and athletic programs and carrying them out to meet stated aims and objectives. Specific attention is given to dealing with curriculum development, program creation, finance, physical layout, school policies, safety policies/practices, record keeping and purchasing and caring for equipment.		PE217
PE322	Teaching Elementary School Physical Education	3 hours. Fundamental skills, sports, and games for the elementary school physical education program. Students will study and develop knowledge, understanding participation and application in teaching motor skills in the primary grades. This course includes a minimal amount of time in clinical experiences.		
PE323	First Aid, Care and Prevention of Athletic Injuries	3 hours. Lecture, demonstration and practice of the techniques used in the care and prevention of athletic injuries.		
PE327	Physiology of Exercise	3 hours. Emphasis is on the study of the effects of exercise on the various systems of the body and its relationship on the physiological aspects of human nature (K-12).		BI101 or BI107
PE328	Adapted Physical Education	2 hours. Methods of teaching and program development for special needs students in physical education for Grades Pre-K to 12		

Course #	Course Title	Course Description	Corequisites	Prerequisites
PE331	Advanced Strength and Conditioning	3 hours. The study of the scientific principles, concepts, and theories of strength training and conditioning and their applications to athletic performance designed to prepare students to teach and supervise strength and conditioning programs in athletics and recreation.		PE327 and either PE203 or PE324.
PE339	Methods and Techniques for Tests and Measurements in Physical Education	3 hours. Designed to study methods and techniques for testing and measuring the basic factors on which the performance of a wide variety of physical education activities are based. Major emphasis is on the measurement of skills, knowledge and attitudes pertaining to physical education (K-12).		
PE440	Program Design	3 hours. (Capstone) This course is an advanced course for strength and conditioning majors focusing on independent research in design, application, and evaluation of exercise prescription. It includes a professional supervised internship to apply current research in training methods to practical experiences.		PE203, PE324, PE327, and PE331
PH111	General Physics I	3 hours. A survey of physics including an introduction to mechanics, thermodynamics, fluids, wave characteristics, and sound.		
PH111L	General Physics I Lab	1 hour. Lab exercises that accompany PH111.	PH111	
PL101	Introduction to Logic	3 hours. This introduction to the study of logic gives attention to both the analysis of formal arguments and to the examination of arguments in ordinary language. Special attention is given to induction and informal fallacies.		
PL105	Introduction to Philosophy	3 hours. Students explore the nature of philosophy and its methods, including the problems of knowledge, reality, ethics, aesthetics, and religion.		
PL306	Ethics and the Professions	3 hours. After an introduction to ethics, ethical theories, and the art of critical thinking about ethical issues, students will examine ethical issues specific to their chosen professions. Emphasis in the past has been on ethics and the sciences (medicine, experimentation, genetics), the environment (corporation vs. individual rights, responsibilities to animals and to the environment), and philosophy of law (justice, equality, rights, responsibility, and punishment). Emphasis is on case studies.		Sophomore standing.

Course #	Course Title	Course Description	Corequisites	Prerequisites
PL310	Ethics and Leadership	3 hours. Leadership uninformed by character is likely empty at best and disastrous at worst. Thus, the course will examine leadership styles and the ethics of leadership as a consequence of or a derivative of adequate character and a strong sense of personal responsibility. The course will examine "good," Relativism, the relation of character and virtue, leadership responsibilities, and personal responsibility. Prerequisite: Sophomore standing. Alternating semesters.		
PL314	World Religions Today	3 hours. This is a study of the theoretical, practical, and sociological expressions of religions, including Hinduism, Buddhism, Chinese religions, Judaism, Christianity, and Islam. Cross-listed with RL314.		RL122
PS101	Introduction to American National, State and Local Government	3 hours. A study of the structure and functions of national, state, and local government. This course fulfills the state civics requirement.		
PS200	International Problems and Relations	1 hour. An introduction to the Missouri Constitution, state political institutions, and processes. This course will fulfill the Missouri State Civics requirement for transfer students who have completed coursework from a non-Missouri institution in American Government or a survey of American History I or an equivalent course which covers the U.S. Constitution		
PS204	Global Crime	3 hours. An examination of international crime operations including sea and air piracy, smuggling and terrorism. Cross-listed with CJ204.		CJ100
PS307	The History and Politics of Missouri	3 hours. A survey of the social, economic, intellectual, and political history of Missouri from prehistory to the twentieth century. Fulfills the state civics requirement. Cross-listed with HI307.		
PS308	American Constitutional Law and the Judicial Process	3 hours. Study of the leading American constitutional principles and major decisions of the Supreme Court. An analysis of the role played by judges and courts in public policy formation. Cross-listed with CJ308		PS101
PS309	Law in American Society	3 hours. A study of the role of law and legal institutions in the American system of justice. Cross-listed with CJ309.		
PS319	The American Presidency, Past and Present	3 hours. An analysis of the evolution and contemporary operation of the office of the presidency with special emphasis on the administrations of selected presidents. Cross-listed with HI319.		PS101

Course #	Course Title	Course Description	Corequisites	Prerequisites
PS320	The American Way of War	3 hours. A survey of the American military during peace and war from Colonial times to the present. Major American and world political leaders and their top military commanders are examined in their social and historical contexts. Cross-listed with HI320.		
PS330	Principles of Public Administration	3 hours. Introductory survey of public administration with reference to organization, personnel management, financial administration, and administrative process. Cross-listed with CJ330.		PS101 and Junior standing
PS331	Research Design and Data Analysis in the Social Sciences	3 hours. An introduction to research design, social measurement, analytic strategies and applied statistical techniques relevant to the interpretation of social phenomena. Cross-listed with CJ/HI/PY/SO331.		
PS334	Applied Quantitative Data Analysis in the Social Sciences	3 hours. A study of the application of quantitative analytic techniques to data in the social sciences. Cross-listed with CJ/HI/PY/SO334.		MA105
PY101	General Psychology	3 hours. A survey of many factors that influence behavior and the techniques that psychologists use to study these factors. Major topics include heredity and physiology; development; learning and thinking; motivation and emotion; personality; and psychological adjustment, disorders, and treatment.		
PY204	Experimental Psychology	3 hours. An introduction to the basic process of conducting psychological research. Special attention will be focused on experimental methodology, the analysis and interpretation of data, and scientific report-writing. A practical goal for the course is to provide students with the analytic and conceptual skills necessary to read and critically evaluate professional journal articles.		PY101
PY210	Educational Psychology	3 hours. Introduction of general psychological theories to the prospective elementary and secondary teacher. There is a brief introduction to developmental stages, learning theories, individual differences and motivation, with application to the classroom in teaching methods, content presentation, and evaluation procedures. (PY210 cannot be counted for psychology credit in the degree programs of Psychology majors or minors without the written permission of the chair of the Division of Social Sciences.)		

Course #	Course Title	Course Description	Corequisites	Prerequisites
PY211	Psychology of Personal Adjustment	3 hours. The study of individual differences and self-analysis of cognitive processes, emotional responses to normal and/or traumatic life events. Limitations and options for appropriate behavior will be explored through discussion, testing and evaluations.		
PY223	Developmental Psychology	3 hours. An examination of various aspects of physical, cognitive, and psychosocial development from conception through late adulthood. Emphasis is placed on child and adolescent development		PY101 or PY210
PY238	Applied Psychology	3 hours. An examination of the applications of the facts, principles, and techniques of psychology to a broad range of human endeavors. The core of the course consists of an introduction to the various career paths in psychology.		PY101 or PY210
PY301	Abnormal Psychology	3 hours. A study of the causes and treatments of behavior disorders. Special attention is given to relevant diagnostic and legal issues.		PY101
PY308	Personality	3 hours. An examination of the major theoretical paradigms and research studies pertaining to the human personality. Psychodynamic, existential, humanistic, trait, social learning, and narrative approaches to understanding personality dynamics are reviewed.		PY101
PY321	Family Relationships and Values	3 hours. A study of interpersonal relations in courtship and marriage across cultures, with an emphasis on the currently changing values in the United States. There will be a focus on cultural, social, cognitive and emotional bases of intimacy, commitment, and family roles. Cross-listed with SO321.		
PY324	Social Psychology	3 hours. A study of how people think about, influence, and relate to one another. The focus is on the individual within group situations, including both the effects of the group on the individual and the effects of the individual on the group. Specific topics include conformity, persuasion, aggression, altruism, and attraction. Cross-listed with SO324.		PY101 or SO101
PY331	Research Design and Data Analysis in the Social Sciences	3 hours. An introduction to research design, social measurement, analytic strategies and applied statistical techniques relevant to the interpretation of social phenomena. Cross-listed with CJ/HI/PS/SO 331.		
PY332	Cognitive Processes and Applications	3 hours. A study of cognitive processes such as perception, thinking, learning, and problem-solving. Special attention will be given to various applications of cognitive theory and research.		PY101

Course #	Course Title	Course Description	Corequisites	Prerequisites
PY334	Applied Quantitative Data Analysis in the Social Sciences	3 hours. A study of the application of quantitative analytic techniques to data in the social sciences. Cross-listed with CJ/HI/PS/SO334.		MA105
PY342	Psychology of the Exceptional Child	2 hours. A study of techniques for increasing the academic, social, and vocational competence of disabled individuals. Attention is given to causal factors and behavioral characteristics associated with different exceptionalities.		PY101 or PY210
PY343	Psychology of the Exceptional Child Practicum	1 hour. Applied experiences working with disabled individuals. This course includes 18-20 clock hours of clinical experiences.	PY342	PY101 or PY210
PY345	Learning	3 hours. An overview of the principles of animal and human learning. Special attention is given to the acquisition, retention, and extinction of learned behavior patterns.		PY101
PY346	Sensation and Perception	3 hours. This course will examine the process by which we interpret and organize sensory information to produce our conscious experience of objects and relationships among objects.		PY101
PY348	Health Psychology	3 hours. An introduction to the application of psychological theories and research to our understanding, prediction, and promotion of health behavior. Course topics include stress, exercise, nutrition, sexual behavior, alcohol, smoking, chronic diseases, and terminal illnesses.		PY101
PY349	Biological Psychology	3 hours. An introduction to biological and physiological roots of human behavior, including, an examination of the structure and function of the nervous systems and how it relates to the regulation of bodily functions, sexual behavior, emotions, sleep, learning and memory. Other topics include psychopharmacology, sensation and perception, and neurological/psychological disorders.		PY101
PY351	Introduction to Counseling	3 hours. A study of basic theories and methods of counseling and psychotherapy, including: behavioral, cognitive, and humanistic approaches to counseling, client analysis, and interviewing techniques. Emphasizes goals, responsibilities, and ethical problems in the counseling relationship. Cross-listed with SO351.		PY101

Course #	Course Title	Course Description	Corequisites	Prerequisites
PY352	Group Processes	3 hours. A study of the properties, structure, and dynamics of groups and inter-group relations, as well as an introduction to group therapy techniques. Specific topics include group decision-making and problem-solving, leadership, communication patterns within and between groups, and therapy groups. The psychological effects of participation in groups are also examined.		PY101
PY353	Industrial/Organizational Psychology	3 hours. An introduction to the ways that psychological theory and research can be applied to understand and increase the effectiveness of people in the workplace. Course topics include personnel selection, training, performance appraisal, work motivation, morale, and job satisfaction.		PY101
PY480	Senior Thesis	3 hours. (Capstone) Open only to Juniors and Seniors majoring in Psychology. This is a Senior thesis seminar. To receive credit in this course, all students must complete a directed research paper and successfully defend it before the faculty of the Division of Social Sciences.		
RL122	Religion and the Human Adventure	3 hours. This is an introduction to the ways in which religion provides meaning and purpose for human life. The course includes a study of a variety of religious traditions, beliefs, and practices.		
RL314	World Religions Today	3 hours. This is a study of the theoretical, practical, and sociological expressions of religions including Hinduism, Buddhism, Chinese religions, Judaism, Christianity, and Islam. Cross-listed with PL314.		RL122
RL331	History of Christianity I	3 hours. This is a study of the Christian church from the close of the apostolic age to the Reformation; attention is centered on the emergence of Christian theology, on the evolution of ecclesiastical institutions, and on Christian biography.		RL122
RL332	History of Christianity II	3 hours. This is a study of selected topics in the history of the Christian church from the Reformation to the present; attention is centered on theological developments, on changes in ecclesiastical structures, and on Christian biography.		RL122
SC103	Introduction to Meteorology	3 hours. A basic survey course of the atmosphere and atmospheric phenomena. Most topics in this Science course are presented descriptively. However, some familiarity with algebra and computers is assumed. Emphasis is placed on understanding and application of meteorological concepts to everyday life.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
SC382	History and Philosophy of Science	3 hours. A study of important discoveries of science and how they influenced our culture. The course entails a broad selection of topics from science and technology. There is emphasis on analyses of science related problems; making decisions about science related problems; and communicating solutions to science related problems.		Any 2 science laboratory courses.
SC425	Science Seminar	1 hour. (Capstone) For majors, this one hour course must be taken during the Senior year for capstone credit. Designed to study and discuss research and issues in science and technology and to explore the role of scientists in research, education, and society. In addition to making a formal presentation, students will be expected to complete the standardized exit exam for their major and participate with the Career Development Center in resume preparation and career planning.		
SE203	Introduction to Special Education – MMD K-12	3 hours. This course is an introduction to the profession of special education. History, theoretical foundations and practices related to the social, emotion, health, and learning characteristics of the individuals with mild-moderate disabilities are explored. The course includes an introduction to the educational and psychological characteristics (cognitive, emotional, and social) of school age individuals with mild-moderate disabilities and the implications these characteristics have for educational practice. Problems of definitions, screening, diagnosis, classification systems, transition, future planning, classroom management, and multicultural issues are introduced.		
SE204	Diversity Experience for Special Education Majors	1 hour. Students from CMU will visit an urban school, spending two school days in a special education classroom, preferably at two different grade levels since their certification will be K-12. Immediately following these visits, students will write about their experiences, connecting the practices and behaviors they observed with Missouri Standards for Teacher Education programs (MoSTEP) and grade-level expectations (GLE) they have discussed in their classes. These papers will be evaluated by the CMU instructor of the practicum, who will accompany the students to the schools.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
SE213	Curriculum Methods – MMD Elementary	3 hours. This course provides an introduction to the educational and psychological characteristics (cognitive, emotional, and social) of elementary age individuals with mild-moderate disabilities and the implications that these characteristics have for educational practice. Problems of definitions, screening, diagnosis, classification systems, transition, future planning, classroom management, and multicultural issues are addressed. Information useful for selecting and developing intervention programs for elementary age students with mild disabilities including physical and other health impairments are addressed. Included is an overview of research in the field with emphasis on the study of instructional approaches emphasizing specific methods and materials.	SE214	
SE214	Curriculum Methods – Practicum	1 hour. The practicum will be a supervised clinical and school based experience with students with mild-moderate disabilities including physical and other health related impairments for a total of 32 clock hours. The student observes and uses strategies and techniques demonstrated by the classroom teacher and/or university supervisor.	SE213	
SE223	Career Development	2 hours. This course will explore a variety of theories, concepts, principles, curriculums, and service delivery models utilized when planning and implementing effective career development and transition programs for the exceptional individual. Issues related to family dynamics and resources available in the community to support families and their children as they transition into adulthood will be explored. Students will learn techniques for interacting with parents/professionals and examine collaborative strategies for interdisciplinary efforts.		
SE233	Special Education Processes	2 hours. This course focuses on the legally mandated process involved in special education assessment, diagnosis, placement, and intervention. An analysis of federal, state, and local requirements is included. Emphasis is placed on the development of Individual Education Plan (IEP) with information provided on the development of Individual Family Service Plans (IFSP) and Individualized Transition Plans (ITP).		

Course #	Course Title	Course Description	Corequisites	Prerequisites
SE301	Curriculum Methods—MMD Secondary	3 hours. This course provides an introduction to the educational and psychological characteristics (cognitive, emotional, and social) of secondary age individuals with mild-moderate disabilities and the implications that these characteristics have for educational practice. Problems of definitions, screening, diagnosis, classification systems, transition, future planning, classroom management, and multicultural issues are addressed. Information useful for selecting and developing intervention programs for secondary age students with mild disabilities including physical and other health impairments are addressed. Included is an overview of research in the field with emphasis on the study of instructional approaches emphasizing specific methods and materials.	SE309	Successful passing of MoGEA exam
SE309	Curriculum Methods – Practicum	1 hour. The practicum will be a supervised clinical and school based experience with students with mild-moderate disabilities including physical and other health related impairments for a total of 32 clock hours. The student observes and uses strategies and techniques demonstrated by the classroom teacher and/or university supervisor.	SE301	
SE313	Counseling in Special Education	2 hours. This course presents approaches to working with school students, both with and without disabilities, in the home, school, and community environment. Students will focus on understanding, developing, and implementing approaches to interact with school students. Students will explore theories and practical methods to enhance positive relationships with families of school-aged children.		
SE321	Diagnostic & Prescriptive Procedures	3 hours. This course is an introduction to principles and practices in evaluation procedures in education and special education (preschool through adolescence). Students are also introduced to securing case histories and test administration and interpretation in basic development and skill areas.		
SE340	Mathematics Instruction for Special Needs Students	2 hours. This course focuses on the methods for diagnosis and remediation of mathematical skills and concepts of the special needs learner. The students will review, evaluate, develop, and provide individual and/or classroom trials of instructional components prepared for teaching remedial mathematics. The course will develop a greater depth of preparation and development of programs for exceptional children.		Successful passing of MoGEA exam and ED324

Course #	Course Title	Course Description	Corequisites	Prerequisites
SE341	Literacy Instruction for Special Needs Students	2 hours. This course builds upon the foundation provided by the previous reading and literacy coursework included in the elementary certification program. Students will learn how to adapt literacy instruction for the needs of individual students, small groups, and/or classroom settings.		Successful passing of MoGEA exam
SE345	Classroom & Behavior Management	3 hours. This course is designed to acquaint pre-service and in-service teachers with genuine issues of classroom and behavior management and organization. Participants engage with information that will provide a clear view of the knowledge and skills to be internalized in order to maximize instructional opportunities and insure a successful professional career in Education.		
SO101	Introduction to Sociology	3 hours. A study of social interaction and its products; culture, personality, social groups, institutions and social change.		
SO150	Introduction to Anthropology	3 hours. A study of humans and their works from prehistory to the present. Covers the four major sub-fields of anthropology, in addition to anthropological theory and method.		
SO204	World Cultures	3 hours. A survey of western and non-western world cultures using anthropological and historical perspectives. Special emphasis on sample groups in Africa, India and Asia. Cross-listed with HI204.		
SO301	Race and Ethnicity in the United States	3 hours. This course introduces students to contemporary race and ethnic relations in the United States. We examine how race has been socially constructed in the past, how racial identities are created and maintained in the present, the emergence and persistence of racial inequality, current beliefs and discourses about race, and how some groups are resisting racial inequality. We pay close attention to the relations between the dominant society and African-Americans, Asian-Americans, Latino-Americans, and Arab-Americans.		SO101 or SO102
SO311	Popular Culture	3 hours. This course examines contemporary popular culture and its significance in our lives. Students will study sociological perspectives on music, mass media, and ideology, and the distinctions between cultural forms including food, fashion, reading habits, status symbols, issues with identity, and intersectionality. This course also examines cultural issues surrounding contemporary forms of entertainment with a specific focus on gaming.		SO101 or SO102

Course #	Course Title	Course Description	Corequisites	Prerequisites
SO312	Gender and Sexuality	3 hours. This course examines how our conceptions of gender and sexuality influence our daily lives. The course will focus on how gender and sexuality are socially constructed; on media images of gender, gender inequality, heterosexuality, homosexuality, and bisexuality; on political and social issues associated with gender and sexuality, and on the various ways in which sexuality is practiced.		SO101 or SO102
SO314	Social Deviance	3 hours. Sociological approaches to deviance are reviewed and various forms of social deviance are examined as is the process involved in changing the status of a behavior from deviant to not and vice-versa. Cross-listed with CJ314.		SO101
SO315	Criminology	3 hours. The nature, extent, causes, control and prevention of crime. Cross-listed with CJ315.		
SO321	Family Relationships and Values	3 hours. A study of interpersonal relations in courtship and marriage across cultures, with an emphasis on the currently changing values in the United States. There will be a focus on cultural, social, cognitive and emotional bases of intimacy, commitment, and family roles. Cross-listed with PY321.		
SO324	Social Psychology	3 hours. The basic principles that underlie social behavior, with emphasis upon the social aspects of personality and the psychological bases of interaction between individuals and groups. Cross-listed with PY324.		SO101 or PY101
SO331	Research Design and Data Analysis in the Social Sciences	3 hours. An introduction to research design, social measurement, analytic strategies and applied statistical techniques relevant to the interpretation of social phenomena. Cross-listed with CJ/Hi/PS/PY331.		
SO334	Applied Quantitative Data Analysis in the Social Sciences	3 hours. A study of the application of quantitative analytic techniques to data in the social sciences. Cross-listed with CJ/Hi/PS/PY334.		MA105
SO340	Teaching with Historic Places	3 hours. A multi-dimensional study of historic places for use in the social studies classroom to understand history, historical change, and cultural continuity. Cross-listed with HI340.		HI 117 or HI118
SO350	Social Theory	3 hours. Analysis and application of sociological theory from past to present. Specific attention is given to the contemporary relevance and potential of perspectives and concepts.		SO101 and Junior standing

Course #	Course Title	Course Description	Corequisites	Prerequisites
SO351	Introduction to Counseling Theory and Practice	3 hours. A study of basic theories and methods of counseling and psychotherapy, including: behavioral, cognitive, and humanistic approaches to counseling, client analysis, and interviewing techniques. Emphasizes goals, responsibilities, and ethical problems in the counseling relationship. Cross-listed with PY351.		PY101
SO480	Senior Thesis (Capstone)	3 hours. Open to Juniors and Seniors majoring in Sociology. This course is a Senior thesis seminar. To receive credit in this course, all students must complete a directed research paper and successfully defend it before the faculty of the Division of Social Sciences.		
SP101	Elementary Spanish I	4 hours. This is an introduction to contemporary Spanish including oral practice, listening and reading comprehension, and the grammar necessary for spoken and written expression. There is also an introduction to Spanish culture. No prior Spanish is required.		
SP102	Elementary Spanish II	4 hours. This continuation of SP101 includes oral practice, listening and reading comprehension, and the grammar necessary for spoken and written expression. There is also an introduction to Spanish culture.		SP101
SP203	Spanish Civilization	3 hours. This is a survey of the historical and cultural heritage of Spain and Spanish America.		SP102 or equivalent
SPM101	Introduction to Sports Management	2 hours. An introduction to the sports management profession, including an explanation of the various sports, and possible career opportunities.		
SPM201	Sports Management Pre-Internship	1 hour. This internship preparatory course is for students seeking an internship in sports management. Students will research potential internships sites and develop a plan for finding an internship. Students will develop goals and learning objectives for their internship and will learn skills to make the most of their internship experience. Students will learn about and be responsible for the requirements regarding all appropriate required institutional internship forms, deadlines, fees etc.		
SPM214	Sport in Society (Issues and Controversies)	2 hours. Taking a look into the sociological perspective of sports in today's society. Emphasis is clearly on sports and sport-related behaviors as they occur in social and cultural contexts.		

Course #	Course Title	Course Description	Corequisites	Prerequisites
SPM301	Sports Management Post-Internship	2 hours. Examination of the internship expertise, where the student reflects on their personal internship experience and shares the internship experience of fellow learners. Emphasis is placed on the student's assessment of their work performance, and the assessment of the internship employer.		SPM201 Sports Management Pre Internship, and 80 hours of internship experience.
SPM303	Sports Marketing and Events	3 hours. This course provides a framework for understanding the management and marketing strategies used within the sports management and marketing industries today. This course is intended to cover three basic components: sports as a medium, sports as a product and the emerging considerations relevant for the application of marketing techniques, tasks and event planning responsibilities that can be applied in amateur, recreational or professional sports, sporting events and entertainment events. Prerequisite: MK330 and sophomore standing. Spring. Cross listed with MK303.		
SPM321	Organization and Administration of Physical Education and Athletic Programs K-12	2 hours. Examines recognized and successful ways of setting up physical education and athletic programs and carrying them out to meet stated aims and objectives. Specific attention is given to dealing with curriculum development, program creation, finance, physical layout, school policies, safety policies/practices, record keeping and purchasing and caring for equipment. Cross-listed with PE321.		PE217
SPM345	Law for Recreation and Sports Managers	3 hours. This course is designed to develop student understanding of legal issues in the recreation and sports industry. Topics covered in this course will include tort law, contracts, personal liability, risk management, gender discrimination (Title IX), human resources, and drug testing.		
SPM480	Sports Management Capstone	3 hours. Capstone course for the Sports Management major: this course addresses the professional governance, standards, behaviors and expectations of the sport manager. Application of contemporary management and leadership concepts, principles, and issues related to the operation of sport organizations. Includes theories of organization and leadership.		SPM101 (Intro to Sports Management), senior standing, open to Sports Management majors only—or with permission of instructor.
TA103	Basic Principles of Theatre	3 hours. An introduction to the art of theatre including an introduction to both classic and modern plays, analysis and criticism of the plays and an examination of the roles of the director, the actor, the designer, and the technician. Fulfills "Fine Arts" requirement.		