

## COURSE DESCRIPTIONS

### ACCOUNTING

- ACT 6625 Specialized Study in the Area of Accounting (1-3)**  
**6626** Study of problem or problems using research techniques Selection of the problem must be approved by the student's adviser, instructor under whom the study is to be made, and the appropriate dean. The study must contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense. Total credit for any com-  
**6627**
- ACT 6655 Advanced Management Accounting (3)**  
 A study of accounting as related to making decisions. Course will include readings, cases, and problems dealing with managerial accounting issues, accounting concepts, budgeting and cost control using accounting information in planning and control.
- ACT 6656 Professional Certification (3)**  
 A certification review course. This course requires co-enrollment in an independent professional certification review course designated by the School of Accountancy. Verification of enrollment is required.
- ACT 6691 Financial and Managerial Accounting for the Global Manager (3)**  
 A study of sources and classifications of accounting data, classification and behavior of revenues and costs, use of accounting data for profit planning and cost control, and use of accounting data for special analysis.
- ACT 6692 Advanced Accounting Problems (3)**  
 A consideration of problems relating to pension plans, long-term leasing arrangements, refunding of bonds payable, stock options, allocation of income taxes, changing price levels, cash flow statements, and other financial accounting topics with emphasis on relevant pronouncements by professional organizations and governmental agencies.
- ACT 6695 Accounting Research & Communication (3)**  
 An individual study of specific accounting topics and written and oral communication of the results of the study.
- ACT 6696 Accounting Information Systems (3)**  
 An advanced study of accounting information systems concepts and applications. Case studies will provide the students an opportunity to relate systems concepts to the actual problems encountered in the





cific areas in Anthropology. May be repeated (with different topic) for credit. See semester hour limits listed under Course Restrictions in General Regulations section.

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credentialing, governance, ethics, and scope of practice.

**AT**



**BIO L579 Environmental Assessment Lab (1)**

Laboratory instruction and hands-on field training regarding stream environmental assessment as currently practiced by state agencies in their attempt to

biochemical mechanisms of action of environmental carcinogens, toxins, pollutant, and other disease-causing environmental agents and the interaction of various environmental agents with biological systems will be addressed.

- BIO 6625 Specialized Study in Biology (1-4)**  
**6626** The student has the opportunity to engage in intensive study of a particular subject or learn a pertinent skill, which fits his/her academic and/or professional needs but is not available in the regular curriculum. This study may include educational activities or training outside of the University. The student will follow the guidelines that the Department established for the supervision and the pursuance of this study. Requires approval of the student's adviser and chairs.
- BIO 6630 Pollution Science (3)**  
 A study of pollution of atmosphere, surface water, and soil and groundwater from animate activities and inanimate processes. Adverse effects, fate, and transport of pollutants in air, soil, and water.
- BIO L630 Pollution Science Lab (1)**  
 Theory and analytical techniques used in both field and laboratory for the analysis of air, water, and soil contaminants.
- BIO 6632 Land Use Planning (3)**  
 An introduction to land use planning and land use tools, including zoning and comprehensive planning. The course also examines the interaction between land use and environments and explores strategies to reduce environmental impacts and protect natural resources.
- BIO 6635 Water Quality and Resources (3)**  
 This course is designed to present the basic aspects of water quality, quantity, and policy to the students to help them make informed decisions on how to manage the social science issues related to water supply, demand, and sustainable water management within the U.S. and globally. This course specifically covers properties of water, ecological implications of water, water resources, hydrologic cycle, physical, chemical and biological characteristics of water, stream, lake and reservoir water quality, water pollution, best management practices, water laws, regulations, and standards, and water economics. This course is an elective for all concentrations within the Environmental and Biological Sciences program.
- BIO 6641 Environmental Law, Permitting, and Regulatory Compliance (3)**  
 A study of the steps needed and programs required to insure that public and private sector organizations are in compliance with federal and state environmental regulations.



grams.

**BUS 6601 International Business Law (3)**

A review of international business legal systems and international law as it applies to Multinational businesses operating in a Global environment to include:

Internship Program. Permission of Internship Director and Authorization of the Designated School Official required. Must be accepted into the MSHRM Internship Program and enrolled in MSHRM program courses.

**BUS 6691 Internship V (1)**

Supervised professional business experience in a field setting. Required course for the MSHRM Internship Program. Permission of Internship Director and Authorization of the Designated School Official required. Must be accepted into the MSHRM Internship Program and enrolled in MSHRM program courses.

**BUS 6694 Global Immersion (1-3)**

This course will be developed as required by designated faculty. For example, a trip to visit a number of businesses engaged in export activity can be arranged, or an overseas trip conducted by a tour agency to visit overseas firms during a break period with a faculty member is feasible.

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## CHEMISTRY

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- CJ 6649 Statistics for Criminal Justice Research (3)**  
This course provides a review of advanced statistical techniques with emphasis upon their application in a criminal justice setting.
- CJ 6650 Survey of Research Methods in Criminal Justice (3)**  
An analysis of research strategies employed to study the causes of crime and the societal response to it.
- CJ 6652 Seminar in Corrections (3)**  
An in-depth examination of the various issues and problems in corrections with a special emphasis relating to administration and management.
- CJ 6653 Intelligence in a Post-9/11 Environment (3)**  
This course examines the principle roles of intelligence in a post 9-11 environment and in national security formulation. Moreover, the course covers the intelligence cycle (planning and direction, col-  
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**COM 8804 Readings in Contemporary Issues in Communication (3)**

This course explores contemporary issues in communication, evolving technologies, and how communication is impacted by changes in the globalization process.

**COM 8805 Communication Capstone (3)**

This course examines communication frp





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is Pass/Fail.

- CP 6663 Internship: Community Counseling (3)**  
This course provides supervised, on-the-job, experiences in Community Counseling. These field experiences are accompanied by weekly, on-campus, supervised sessions. Students must receive individual and group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients.
- CP 6665 Internship: Addictions Counseling (3)**  
This course provides an opportunity for the student to perform a variety of activities that a regularly employed professional counselor in an Addictions Counseling Treatment setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients.
- CP 6666 Internship: Addictions Counseling (3)**  
This course provides an opportunity for the student to perform a variety of activities that a regularly employed professional counselor in an Addictions Counseling Treatment setting would be expected to perform. Experiences are accompanied by regularly scheduled, weekly group supervision. Course equals 300 clock hours of internship. Students may take up to six semester hours of internship per semester with adviser approval. Each student must complete 120 hours of direct service with clients.
- CP 6670**



Criminal Justice System. It examines the current nature of crime and criminal justice policies and evaluates their effectiveness, outcomes, and implications. Finally, this course discusses some contemporary issues and future trends related to criminal justice policy.

**CRM 6636 Criminological Theory (3)**

An in-depth overview of major criminological perspectives as well as their nature and extent, especially those found in the United States, and an analysis of the etiology of criminal behavior, criminal law, and the societal reaction to criminals.

**CRM 6640 Seminar in Victimology (3)**

This is a survey of the field of victimology. We shall examine the risks, and consequences of crime for its victims. Issues considered include victim-offender relationships, characteristics of victims, the nature, and consequences of the injuries they experience, and criminal justice response to crime victims.

**CRM 6645 Seminar in Transnational Crime (3)**

This course provides a comprehensive overview of

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- CS 6640 Advanced Database Concepts (3)**  
This course discusses design and implementation issues associated with relational and object-oriented databases. Topics include E-R modeling, relational modeling, normal forms, data storage, and concepts of object-oriented data modeling.
- CS 6643 Theory and Design of Compilers (3)**  
The formal properties of grammars, lexical and syntactic analysis, macro generators, and code selection are presented. Additional topics include hardware compilers, extensibility of languages, and implementation of simple compilers.
- CS 6645 Performance in Analytical Models (3)**  
The fundamental concepts and structures for understanding the different approaches in analytical structures. Techniques such as Indexing, Distributed Databases, Parallel Queries, Virtualization, Fitness Function Optimization, and Biological Computing will be covered.
- CS 6646 Information Systems for Operations and Management (3)**  
Conceptual and practical foundations of information processing systems' support for management and decision-making functions are examined. Computer system project management, economic and legal considerations of management information systems, systems implementation and evaluation are additional topic areas covered in this course.
- CS 6647 Simulation and Modeling (3)**  
The theory and design of modeling problems, validation and verification of simulation models for dynamic queuing and static Monte Carlo problems are reviewed. Discrete event and continuous simulation models are analyzed. Random number generation used in simulation languages and the implementation of models on computer hardware and software engineering using general purpose and simulation languages re presented in this course.
- CS 6648 Optimization Modeling (3)**  
A systems approach is explored as it relates to using various algorithms to solve different classes of managerial problems with a computer.
- CS 6649 Special Topics in Computer Science (3)**  
A series of advanced topics in areas of computer



**EAL 6643 Administration of School Personnel (3)**

This course develops capacities to effectively recruit, coordinate, and develop human resources within an educational environment. Administrative procedures such as facilities management, materials management, and technology management will also be discussed.

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**EARLY CHILDHOOD**

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**ECE 5544 Internship Seminar (3)**

This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile



**ECE 7793 Problem Analysis in ECE (3)**

A study of processes involved in identifying, framing, evaluating analyzing, and seeking information about problems. Emphasis is given to information collection and processing. Students will select and analyze a problem related to early childhood education or elementary education. Restricted to students enrolled in an Education Specialist program.

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**ECONOMICS**

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**ECO 6630 Advanced Macroeconomics (3)**

**ECO 6666 Constitutional Economics (3)**

Examination of the role constraints beyond election of government. Normative theories of constitutional constraints and comparative analysis of the performance of constraints will be covered. Theories of



**EDU 6606 Current and Emerging Instructional Technologies (3)**

This introductory course focuses on current and emerging instructional technologies. The emphasis of this class is on the instructional use of computers, Microsoft Office applications, software, desktop publishing, graphics, hypermedia, and the internet. Prerequisite: permission of instructor.

**EDU 6607 Curriculum Integration of Technology (3)**

This course covers the evaluation, selection, and integration of various instructional software and web-based technologies into curricula, taking into consideration teaching and learning styles while relating technologies to instructional settings, diverse models, and e-Micro-Worlds

**EDU 6629 The Master Teacher (3)**

This course is designed to assist the beginning graduate student in determining the expectations and attributes of the master teacher. Major emphasis



facing schools today. Particular focus 9

**EDU 7762D School Accreditation Process (3)**

The purpose of this course is to examine the local, state, regional, and national standards associated with school accreditation. The accreditation process in these areas will be reviewed and analyzed. Students will compare and contrast the different ways schools are accredited. Topics such as: the accreditation process, school self-study procedures, validation/documentation, roles of school personnel, and creating school improvement plans will be investigated.

**EDU 7763 Legal Issues and Ethics in Education (3)**

The purpose of this course is to allow educational leaders to explore the organizational development and maintenance services required for effective operation of the schools within the legal framework established by local, state, and federal legislative and judicial requirements. Major emphasis will be given to studying legal issues and community relations. Legal issues and services related to exceptional children will be closely examined. The development of ethical standards, informed legal decision making, and emergency procedures for ensuring safety, as well as the political factors which impact schools, society and community relations will be studied.

**EDU 7764 Models and Strategies for Instruction (3)**

The purpose of this course is to assist education specialist candidates as they explore a variety of instructional models throughout the educational and other learning environments. There will be an emphasis on current research of effective teaching and learning practices. Students will compare and contrast different educational instructional practices and develop set of strategies to enhance the instructional environment.

**EDU 7792 Advanced Research in Education (3)**

This course is designed primarily for students planning to prepare a thesis. Particular attention is given to the research techniques related to the types of thesis study the student desires to undertake. (May carry the prefix appropriate to the program of study i.e. SPE, SED, IED).

**EDU 7795 Thesis (1-6)**

Research for and preparation of a scholarly paper related to a school administration, supervision, and/or curriculum problem. The project will be under the direction of the student's advisory committee.

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## ELEMENTARY EDUCATION

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**ELE 5544 Internship Seminar (3)**

This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the



well as the political factors which impact schools, society and community relations will be studied.

**ELE 7790 Qualitative Research Methodology (3)**

The purpose of this course is to provide graduate students with an introduction to qualitative research methodology. The historical development, ratio



- ENG 5516 Nineteenth-Century American Novel (3)**  
A study of representative American novels of the 19th century.
- ENG 5526 Modern Poetry (3)**  
A study of 20th- and 21st- century poetry.
- ENG 5527 Contemporary American Literature (3)**  
An examination of representative American literature from the postmodern period (1960-present),
- tures Renaissance plays by Heywood, Udall, Kyd, Marlowe, Beaumont, Fletcher, Jonson, and Webster.
- ENG 5557 Form and Theory of Nonfiction Literature (3)**  
This course examines the theories behind various forms of nonfiction literature, whether autobiography, biography, the essay, diaries and/or travel writing, with special emphasis on the historical evolution of a particular form. List of readings will vary with each offering.
- ENG 5560 Victorian Poetry (3)**  
A study of Victorian poetry, with emphasis upon the works of Tennyson, Browning, Arnold, and Hardy.
- ENG 5561 Victorian Prose (3)**  
A survey of the works of major Victorian prose writers, with emphasis upon the works of Carlyle, Newman, Mill, Ruskin, Arnold, and Pater.
- ENG 5562 The Arthurian Legend Through the Ages (3)**  
This course will examine the Arthurian legend not only in literary and historical works from its earliest traces in the Middle Ages to the present, but also in archaeology, the visual and decorative arts (especially painting and sculpture), manuscript decoration, film, music, and opera.
- ENG 5565 African American Literature (3)**  
A study of selected works by significant African American writers from the eighteenth century to the present. Works include poetry, fiction, autobiography, and argumentative and expository prose.
- ENG 5568 Methods and Approaches in Second Language Teaching (3)**  
This course traces the evolution of language teaching from the methods era (e.g., grammar translation method, audiolingual method) to post-methods approaches (e.g., task-based learning, content-based learning, communicative approaches). Students will develop a repertoire of teaching approaches and identify appropriate options for different language teaching scenarios.
- ENG 5569 Principles, Techniques, and Materials in Second Language Teaching (3)**  
This course overviews the teaching principles, techniques, and materials relevant to an interactive approach to second language teaching. Students will expand their teaching repertoire by studying curriculum design, assessment measures, learner variables, techniques for teaching grammar/vocabulary/four skills (listening, speaking, reading, writing), and sociopolitical contexts for teaching ESL/EFL.
- ENG 6601 Seminar in Chaucer (3)**  
A close examination of two major works of Chaucer and critical responses to them. Special consideration given to Chaucer's language and versification and the medieval social background to his writing.





**GEO 5535 Historical Geography of North America (3)**  
An analysis of the physical and cultural factors in the development of North America from early European settlement to the present.

**GEO 5550 Introduction to Geographic Information Systems (3)**  
This course provides an overview of the theory and general principles of geographic information systems (GIS) and hands-on experience in its use. It introduces various methods of geographic data processing and analysis using computer-based mapping software and data gathering techniques, including global positioning systems.

**GEO 5595 Selected Topics in Geography (3)**  
This course focuses on a topic of a timely nature and/or special interest. Course may be taken twice for a maximum of six hours toward degree requirements.

**GEO 6625 Specialized Study in Area of Geography (1-6 )**  
**6627** A study of a problem or problems using research techniques. Selection of problem must be approved by the professor under whom the study is to be made, and the Dean of Arts and Sciences. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve oral defense.

-defense.

**GEO 6650 Geography of the Global Economy (3)**

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**GLOL 8805 Cultures, Values and Ethics in a Global Environment (3)**

This course will address diverse, cultural, ethic, social and special populations in the global environ-

**HEA 8806 Advanced Seminar in Higher Education (3)**

This course provides examines globalization from the viewpoint of global higher education. Students develop a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. This course requires the student to synthesize and apply higher education knowledge through work based in real-life settings.

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**8806 8806 HISTN**

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**HIS 5522 Historiography of History of American Gender (3)**  
 An exploration of the major historiographical works and historiographical controversies of American gender history from the 17th century to present.

**HIS 5523 Historiography of American Diplomatic History (3)**  
 An exploration of the major historiographical works and historiographical controversies of American diplomatic history from the 1760s to the present.

5551, or 5691.

**HIS 5530 Historiography of Civil Rights Movement (3)**  
 An exploration of the major historiographical works and historiographical controversies of the Civil Rights Movement from the late 19th century to the present.

**HIS 5567 Historiography of Medieval Europe (3)**

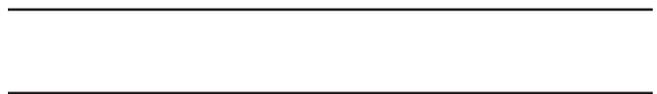
An exploration of the major historiographical works and historiographical controversies of Medieval Europe, the Byzantine and Islamic worlds from the 7th century to the eve of the Renaissance.

- HIS 6642 Seminar in Ethnicity/Race in America (3)**  
Study of topics in race/ethnicity in American history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6643 Seminar in War and American Society (3)**  
Study of topics in war and society in American history. Emphasis on discussion and student producing a major research paper based on primary documents.
- HIS 6650 Seminar in the History of Science (3)**  
Study of topics in the history of science. Emphasis on discussion and student producing a major

**HIS 6678 Historiography of Women, Health, and History (3)**  
An exploration of the major historiographical works and controversies of women, health, and history in the western world.

**HIS 6679 Historiography of Infectious Diseases and History (3)**  
An exploration of the major historiographical works and controversies of infectious disease in history from the Neolithic revolution to the present, focusing on a specific case study.

**HIS 6680 Teaching College History (3)**  
This course examines issues and pedagogy of teaching college level history. Students will produce a course syllabus, develop and present lectures, and develop assessments for their course content. Students will also observe a variety of ~





new organizational designs and management prac-

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school business. Candidates will learn to manage a school's educational resources. This course will focus on the following areas: organizational skills, financial planning, facilities management, technology usage, and principles and best practices needed to manage a school.

**ILA 6607 Readings in Leadership (3)**

This course explores current literature and thinking in the field of organizational and administrative theory and practice pertaining to instructional leadership.

**ILA 6609 Communication and Problem Solving (3)**

This course is designed to improve the instructional leadership candidates' skills in communication and problem solving. Emphasis will be placed on listening skills, group dynamics, conflict resolution and consensus building. Special attention will be given to these topics while working with ethnically diverse populations.

**ILA 6610 Grant Writing (3)**

This course explores how to write a grant and discusses alternative ways of fundraising. Particular attention will be given to grant writing protocols and procedures, as well as dynamics involved in responding to a Request for a Proposal, and understanding the school system's bureaucratic structures.

**ILA 6611 Community Relationships**

The instructional leader realizes that there is great power in the community that can assist in increasing student achievement. This course will provide strategies that will enable the instructional leader to involve the community in meaningful ways and will result in significant student achievement.

**ILA 6613 Legal Dimensions of Education (3)**

Public schools are among the most regulated industries

to develop and articulate a vision. The focus of the course centers on those leadership abilities and traits that promote student achievement for all students.

**ILA 6640 Building and Maintaining Collaborative Learning Environments (3)**

With the changes mandated by the 2007 reauthorization of the Individuals with Disabilities Act (IDEA), it is vital for instructional leaders to be aware of their responsibilities in the development and maintenance of collaborative learning environments. This course will present the most up-to-date research related to collaborative learning environments as well as how to establish and promote them.

**ILA 6643 Human Resource Administration (3)**

This course is designed to deal with the selection, staffing, and development of all school personnel. Salary schedules, personnel policies, and fringe benefits will be studied.

**ILA 6658 Working with Diverse Populations (3)**

According to recent demographic predictions, the American classroom will continue to increase in diversity. According to some estimates, within the next 20 years ethnic minorities will become the majority. To succeed in this changing world, instructional leaders must be prepared to lead a diverse learning environment. This course will provide instructional leadership candidates with the skills, abilities, dispositions, and strategies to foster learning environments where all children including those with special needs, can experience success.

**ILA 6662 Orientation to Practicum (2)**

This course is designed to orient the instructional leadership candidate to the expectations and requirements of the instructional leadership administration program. Course content includes assessments of learning approaches as well as leadership aptitudes and skills. The residency and mentoring components of the programs, as well as other program requirements are covered.

**ILA 6663 Practicum I (2)**

The purpose of this course is to provide instructional leadership candidates with school-based experiences at the elementary, middle, secondary grade levels as well as the central office level supervised by full-time university faculty members and approved local mentors. The intern will gain school-based experiences in planning, for continuous improvement, teaching and learning, human resource development, diversity, community and stakeholder relationships, and technology.

**ILA 6664 Practicum II (2)**

The purpose of this course is to provide instructional leadership candidates with school-based experiences at the elementary, middle, secondary grade levels as well as the central office level supervised by full-time university faculty members and approved local

the opportunity to explore firsthand the creation, development and evaluation of policy, specifically educational policy. A review of ethics and the law will help to understand the role that policy plays in the daily affairs of education.

**ILA 7717 Mentoring (3)**

The purpose of this course is to prepare educational

**ILA 8805 Analysis and Design of Educational and Instructional Systems (3)**

This course examines the analysis and design of educational and instructional systems including the structure and infrastructure of technology used in face-to-face and distance education. The course will emphasize evaluative processes such as strategic planning and needs assessments for systems that lead to improved student achievement.

**ILA 8806 Advanced Seminar in Instructional Leadership and Administration (3)**

This course is an advanced seminar for doctoral students in leadership in the field of instructional leadership and administration. In their coursework, candidates have been exposed to a comprehensive examination of the factors comprise education in the 21st century in instructional leadership and administration. Therefore, the theme of the seminar is inno





- IR 6635 National Security Policy (3)**  
An examination of the structures, motivations, and major objectives of national security policy making from a comparative perspective with particular emphasis on the politics of national defense in the United States.
- IR 6636 Diplomacy (3)**  
This course provides an examination of diplomacy in International Relations, viewed from both theoretical and practical perspectives. Topics will include fundamentals in the practice of statecraft, including negotiation and conflict resolution, and the difference between public and private diplomacy, ethics and morality in diplomacy, and the continually evolving nature of diplomatic practices.
- IR 6637 Counter Insurgency and Irregular Warfare (3)**  
This course examines the development of Irregular Warfare (IW) since the Second World War. Various aspects of this type of warfare will be examined from the counter-insurgency (COIN) to Foreign Internal Defense (FID) conducted by three democracies: Britain, France, and the United States will be discussed. The central focus of this course will be American IW. Further, Irregular Operations on land, air, and sea will be thoroughly analyzed. There will also be a discussion role of technology in these type of conflicts.
- IR 6638 European Political Economy and the European Union (3)**  
This course provides an examination of European political economy issues using international relations and comparative politics theories, with specific attention to the European Union. Topics include models of economic and political integration, the

- IR 6649 Cyber Warfare and International Relations(3)**  
This course introduces students to the literature and methodological approaches related to the study of cyberwar/cyberterrorism and international relations. Topics covered include: Targeting, Weapons, Tactics, Defense, International Law and Policy, Digital Authoritarianism, and a study of selected cases.
- IR 6650 Environmental Security, Conflict and Development (3)**  
An analysis of how environmental issues such as resource scarcity, desertification, loss of biodiversity, global warming, etc., may influence development and/or affect the national security of nation-states, communities and individuals. The course also examines the evolution and function of global environmental governance institutions including international organizations (IGOs), transnational non-governmental organizations (NGOs), and legal/regulatory structures.
- IR 6651 Contemporary American Foreign Policy (3)**  
An examination of the foreign policies processes of the United States including historical traditions, political institutions, economic and military capabilities, the Congress, the Presidency, interest groups, the media, and public opinion.
- IR 6652 Theory and Ideology in International Relations (3)**  
An examination of historical and contemporary theories in international relations; the role of political, economic, ethnic, religious and other belief systems or philosophical approaches within the global system.
- IR 6655 International Conflict Management (3)**  
An analysis of responses to international conflict and approaches to establishing peace and peacekeeping at the local, national, and global levels to include theoretical constructs about conflict management techniques such as mediation, negotiation, escalation, de-escalation, termination, and outcomes.
- IR 6656 International Power and Influence (3)**  
A theoretical and empirical examination of how nations use political, military, and economic resources to influence the behavior of other nations including the effectiveness of political communications, public relations, foreign aid, economic sanctions, threats of force, and limited uses of force.

groups (such as Jews and the Roma) that often find

software tools, visualization, and decision making methodologies.

**IS 6662 Big Data Analytics and Business Decision Support (3)**

This course introduces the concepts and practices of Big Data analytics and its application to executive business decisions that enhance business competitiveness. Students will learn how to utilize Big Data methodologies and analytic software to interpret and visualize large data sets into meaningful and useful information for business use. The course also





**LAW 6610 Legal Issues for Accountants (3)**

This course focuses on the legal implications of business transactions, particularly as they relate to accounting and auditing. It includes, but is not limited to, such topics as ethics, professional and legal responsibilities, agency, contracts, Uniform Commercial Code, debtor-creditor relationships, govern-



develop a focus from an organizational perspective as a leader who promotes a global perspective among colleagues. Specifically, this course requires the student to synthesize and apply organizational leadership knowledge through work based in real-life settings.

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## **MARINE BIOLOGY (MB)**

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**Offered at Dauphin Island Sea Lab (DISL) only**

**Courses are offered during the summer semester only! Since course offerings change, check the current DISL summer bulletin for specific course offerings and descriptions and contact the Ma**

**MB**

**MGT 6625 Specialized Study in Management (1-6)**  
**6626** Study of a problem or problems using research  
**6627** techniques. Selection of the problem must be approved by the student's adviser, the instructor under whom the study is to be made, and the appropriate dean. The study should contribute to the student's program. Preparation of a scholarly paper is required and may involve an oral defense.

**MGT 6645 Quantitative Methods in Management (3)**  
An introduction to statistics as applied to business problems. The course is designed to develop students' ability to apply inferential statistical methods

- MSM 6630 Management Information Systems for Leaders (3)**  
Conceptual and practical foundations of information systems to include support of management and decision-making functions, computer system project management, economic and legal considerations of management information systems, and system implementation/evaluation.
- MSM 6633 Leading and Developing High Performance Teams (3)**  
An in-depth study of the process of developing a new team or revitalizing an existing team. The course will involve the study and application of current theories of team development and performance in the work setting. Special emphasis will be placed on the leadership of work teams in both face-to-face and virtual settings for effective performance and member satisfaction.
- MSM 6635 Leadership of Innovation and Change (3)**  
The study of management concepts and practices useful in improving organizational performance. Theories and concepts applicable

graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course.

**MTH 5525 Real Analysis II (3)**

A study of sequences and series of functions, series, and a continuation of the integral to include the Fundamental Theorem of Calculus. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course.

**MTH 5526 Complex Analysis (3)**

A study of complex numbers, elementary functions and their mappings, complex limits and power series, analytic functions, integrals, contour integral, and Cauchy integral formula.



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## MUSIC

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- MUS 6600 Band Performance (1)**  
This course covers rehearsal/performance through band literature
- MUS 6601 Choral Performance (1)**  
This course covers rehearsal/performance through choral literature
- MUS 6605 Advanced Music Technologies (3)**  
Advanced educational use of multimedia and internet based music technologies.
- MUS 6607 Literature and Techniques for the Beginning/Middle School Band (3)**  
A study of the materials and techniques utilized in the beginning/middle school band program. Listening and score analysis will be included.
- MUS 6610 Advanced Woodwind Pedagogy (3)**  
A study of teaching techniques, materials, and repertoire for woodwind instruments.
- MUS 6612 Advanced Music Program Administration (3)**  
An intensive study of the administration, curriculum, organization, and teaching techniques of school music programs.
- MUS Private Instruction (1)**  
Private instruction is available in the following areas:
- 6614 Piano**
- 6615 Organ**
- 6616 Voice**
- 6617**
- a service delivery model to meet the challenge of educating students with disabilities in the regular classroom. Specifically, this course focuses on collaborative-related issues for teachers who work with students with disabilities.
- MUS 6631 Advanced Rehearsal Techniques (3)**  
Teaching music through performance in context.
- MUS 6638 Literature Analysis (3)**  
Historical and theoretical analysis of masterworks for band or choir.
- MUS 6639 Computer-based Music Notation (3)**  
An exploration of music notation software. Students will use industry standard notation software to design and produce musical scores, parts, and assignments to be used in a K-12 educational setting.
- MUS 6653 Educational Evaluation in Music (3)**  
Advanced study in music assessment.
- MUS 6654 Music Pedagogy 1 (1)**  
Alabama Music Educators Association Conference. Attendance and written portfolio is required.
- MUS 6655 Music Pedagogy 2 (1)**  
Troy University High School Honor Band or Choir Clinic. Attendance and written portfolio is required.
- MUS 6656 Music Pedagogy 3 (1)**  
Troy University Middle School Honor Band Clinic. Attendance and written portfolio is required.
- MUS 6657 Advanced Brass Pedagogy (3)**  
A study of teaching techniques, materials, and repertoire for brass instruments.
- MUS 6658 Advanced Percussion Pedagogy (3)**  
A study of teaching techniques, materials, and repertoire for percussion.
- MUS 6660 Legal Issues in Music Education (3)**  
This course will provide an overview of our legal system, examine court cases in music/music education and identify the implications studied from this review to assist the practicing music educator
- MUS 6662 Advanced Arranging (3)**  
A study of advanced arranging and scoring concepts for instrumental or choral ensembles.
- MUS 6670 Practical Band Instrument Repair (3)**  
This course covers the maintenance, repair, and supervision of equipment used by music educators.
- MUS 6680 Leadership in Music Education (3)**  
The course will focus on principles of leadership as they relate to the music educator and conductor.

tice of nursing which fits his/her academic needs but is not available in the regular curriculum. Total credit for any combination of enrollments in these courses may not exceed four semester hours. F, Sp, Su See semester hour limits listed under Course Restrictions in General Regulations section.

**NSG 6630**

**NSG 6665 Primary Care I: Pediatrics and Women's Health (3)**

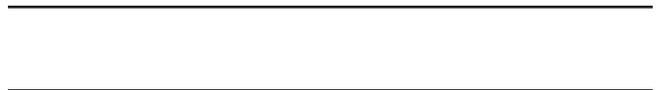
Focuses on advanced knowledge and theory base in the assessment and care of children and women of child-bearing age. Health promotion is emphasized, but the practitioner is also prepared to deliver complex multifaceted care to patients in primary care settings.

**NSG 6666 Primary Care I Preceptorship: Pediatrics and**

spective on the world. This course aims to attract students across disciplines, to promote inter-professional development, and to prepare them to expand their understanding of their global identity and communicate their growth in intercultural competence toward their personal and professional development. Students make connections between their study abroad experience and the broader range of skills connected with this experience, to become a competitive member of a global workforce.

**NSG 6691 Research and Evidence for Advanced Nursing Practice (3)**

Reviews the processes for ethical conduct of research and translation of evidence for nursing practice and



Equips the advanced practice nurse with the skills

**PA 6603 Economics for Public Management (3)**

An introduction to economic theory emphasizing the application of selected micro-economic and macro-economic theories to issues in public administration.

**PA 6604 Workforce Planning and Staffing (3)**

A study of theory, principles, and legal requirements for effective workforce planning, recruitment, selection, and employment in public and non-profit organizational settings. The c \$ M T\_ The

course provides a practical experience in collective bargaining and arbitration through participation in a bargaining exercise. Specific differences between public and private collective bargaining and labor relations are explored in depth.

- PA 6640 Intergovernmental Relations (3)**  
An examination of the administrative, fiscal, and legal issues that govern relations among the various governmental entities in the United States.
- PA 6641 Social Marketing in Public Administration (3)**  
The primary objective of this course is the application of traditional marketing principles and tech-



**PA 8803 Advanced Readings in Public Administration (3)**  
This course provides the student with an opportunity to gain or enhance public administration knowledge and to explore an area of interest related to public service research or the delivery and/or administration of public services. Enrollment must be approved by the department chair.

**PA 8804 Seminar in Public Administration I (3)**  
This course provides an in-depth understanding of specific issues in public administration. Emphasis throughout the course will be on critical thinking and reading. Attention is given to 85 theoretical and empirical approaches to understanding public administration phenomenon that have emerged within the last half century. Key questions will be explored, together with contributions to the litera-



- POL 6622 Comparative Government (3)**  
A comparative analysis of state governments in the world with an emphasis on political cultures, governmental institutions and political processes that lead to differences and international tensions.
- POL 6624 Intercultural Relations (3)**  
An analysis of the influence of culture on interstate relations including theories, concepts, and applications.
- POL 6636 Selected Topics in Political Science (3)**  
An examination of a specifically defined topic of special and/or current interest and importance, which is not covered in regular course offerings in the Political Science Concentration.
- POL 6649 Leadership in Public Administration (3)**  
A survey of leadership theories, styles, and strategies in the contemporary public and nonprofit workplace.
- POL 6650 American Politics (3)**  
An examination of the American government, institutions, and political structure.
- POL 6657 Contemporary American Foreign Policy (3)**  
An examination of the foreign policies processes of the United States including historical traditions, political institutions, economic and military capabilities, the Congress, the Presidency, interest groups, the media, and public opinion.

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## POST SECONDARY EDUCATION

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- PSE 6660 Trends and Issues in Adult Education (3)**  
This course focuses on current trends in adult educa-

- PSY 5556 Gerontology (3)**  
The study of aging. Emphasis on biomedical, psychological, and social aspects of middle and late adulthood.
- PSY 5559 Applied Behavior Analysis (3)**  
Training and experience in design, execution, and evaluation of behavior modification programs for professionals in fields of counseling, education, rehabilitation and psychology. Provides study of key concepts of classical and operant conditioning, as well as discussion and application of specific strategies building on conditioning principles.
- PSY 6606 Interventions for Children and Adolescents (3)**  
This course examines the behavioral characteristics of children and adolescents including their emotional, social, and cognitive behaviors. Emphasizes intervention, assessment, diagnoses, teaching, and prevention.
- PSY 6607 Introduction to Infant/Early Childhood Mental Health (3)**  
This is a graduate level course and will provide an overview of the trajectory of early human development for infants and their families. Influences that lead to mental health wellbeing and influences that can push development off track will be examined through the lens of attachment, neurobiology, ethics, and biopsychosocial factors. A clinical mental health and reflective perspective will be employed

**PSY 6610 Physiological Dynamics of Alcohol & Other Drugs (3)**

A study of physiological and psychological dynam-

every week during this course. Course readings and recordings are pulled from clinical and nonclinical infant/early childhood mental health and parent mental health sources. Prerequisite: PSY 6607, PSY 6609, PSY 6612.

**PSY 6620 Introduction to Play Therapy (3)**

This course is designed to promote the development of a historical, theoretical and ethical basis for the practice of play therapy. This course must be taught by a registered play therapist.

**PSY 6625 Specialized Study in Psychology (1-3)**

**6626** A study of a problem or topic using research techniques or a guided program of readings. Preparation of a scholarly paper is required and may involve an oral defense. A specialized study may be substituted for only one required course or elective in a student's program. Approval by the student's adviser, the course instructor, and department chair is required.  
**6627**

**PSY 6628 Principles of Behavior Analysis (3)**

Students will develop competence in the use of technical terminology pertaining to the concepts and principles of behavior analysis.

**PSY 6630 Ethics and Professionalism in Behavior Analysis (3)**

Students will develop an understanding of legal constraints and ethical guidelines pertinent to behavioral research and practice. They will also develop an understanding of the Behavior Analysis Certification Board Compliance Code and Disciplinary Systems.

**PSY 6631 Psychological Foundations of Education (3)**

An overview of educational psychology, including research findings and philosophical concepts related to nature of learner and learning process; principles of motivation and educational evaluation; and educational concepts representing different schools of psychological theory.

**PSY 6632 Research Methods in Behavior Analysis (3)**

Students will develop competence in measurement of behavior, data collection and analysis, graphic representation, and experimental design with particular emphasis on single-subject design.

**PSY 6633 Advanced Psychology of Learning (3)**

A study of the historical roots and contemporary principles and theories of human learning and their applications to educational practices. Emphasis of this course is on contemporary perspectives and developments; field and cultural influences on learning; and the relation of individual and group adjustment to school learning.



- PSY 6672 Concentrated Supervised Fieldwork II (3)**  
Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.
- PSY 6673 Concentrated Supervised Fieldwork III (3)**  
Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.
- PSY 6674 Concentrated Supervised Fieldwork IV (3)**  
Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.
- PSY 6676 Concentrated Supervised Fieldwork V (3)**  
Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.
- PSY 6677 Concentrated Supervised Fieldwork VI (3)**  
Students will develop skills in professional practice and research. Students will develop competence in behavior-analytic skills and defining a research problem, designing a method to address the problem, and conducting and reporting an investigation that carries out the method to conclusion.
- PSY 6679 Infant/Early Childhood Internship**  
This is a graduate l                      Stu



teaching methodologies to improve reading comprehension.

**RED 6674 Literacy in the Content Areas Grades 6-12 (3)**  
The examination of research-based methods and materials for teaching reading and writing in grades 6-12. Field experiences required.

**RED 6675 Literacy Instruction for Diverse Populations (3)**  
A study of English language learners and culturally and academically diverse learners and an examination of appropriate instructional strategies for those learners. Field experiences required.

**RED 6678 Literacy and Multicultural Diversity (3)**  
A course designed i470>3



will address strategies for conducting, reporting, and

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## SECONDARY EDUCATION

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**SED 5544 Internship Seminar (3)**

This course provides interns an opportunity to develop analytical thinking skills through examining broad educational issues and concerns, topics on the state and local levels, and those of personal interest. The scope of the course ranges from juvenile law, classroom management, professionalism, professional development for teachers, and other course topics. This course must be taken concurrently with internship.

**SED 6695 Secondary Internship Grades 6-12 (6)**

The Professional Internship Program is the culminating clinical field-based experience for students seeking certification in a teaching field. The Professional Internship Program provides the student with the opportunity to conduct classes and assume the role of a teacher while receiving supervision from a classroom teacher and a university supervisor for a period of one full semester.

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## SECOND LANGUAGE INSTRUCTION

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**SL 6610 Survey of SLA for SL Teachers (3)**

This course will look at recent research and publications relative to second language teaching. Not only will specific areas selected by the instructor be examined but the students in the class will have the opportunity to suggest areas of particular interest to them. This course provides opportunities for the student to extend knowledge and skills necessary for developing programs, selecting appropriate method and employing materials, and evaluation in second language teaching.

**SL 6615 Intro to Linguistics (3)**

The purpose of this course is to provide students with a foundational understanding of the complex multifaceted system that we call language. Through lectures, discussions, and problem solving, students will develop an understanding of the various components that constitute language acquisition and to describe the interlanguage of language learners. In the first mid-term, the areas of psycholinguistics, sociolinguistics and animal communication as they relate to second-language learning will be explored.

**SL 6620 Survey of Sociolinguistics for Second Language Teachers (3)**

Sociolinguistics is the study of the systematic relations of language varieties and social groups. A wide variety of phenomena are investigated in sociolinguistics, including social, regional and stylistic variation, pidgins and creoles, multilingualism, age and

independent readings and practice of assessments and research procedures.

**SL 6691 Research Methodology (3)**

This course will examine issues and recent research on second language acquisition (SLA). The course will provide information necessary to understand and apply research processes, synthesize knowledge and writing, and plan and organize research problems for interpretation and application of research results. Application of these skills in the form of a written project using the Publication Manual of the American Psychological Association (APA) is required. This research course may not be substituted with another research course or one transferred





**SOC 6631 Deviant Behavior (3)**

This course focuses upon the social and cultural factors as they apply to deviance. The work of other disciplines in the study of deviation is reviewed and evaluated. Special emphasis is given to the different sociological approaches in the area of deviance; selected types of social deviation are examined and analyzed through these different sociological perspectives. The course is structured as a service course that has a pragmatic and interdisciplinary appeal to people in education, business, counseling, criminal justice and agency work, as well as to those who wish to further their training in sociology.

**SOC 6632 Minorities in the U. S. Social Structure (3)**

An in-depth theoretical and methodological study of racial and cultural minorities in America society will be undertaken in this course. This course includes directed readings on the intersecting dimensions of inequality that are woven through life in contemporary societies. The goal of the course will be movement away from unidimensional analyses and movement toward thought and scholarship that consider the multiple effects of cross-cutting oppressions and privileges.

**SOC 6633 Race, Crime, and Justice (3)**

Explores the relationship between the criminal justice system and racial minorities in the United States. Seeks to understand some of the economic, political, and sociological reasons why racial minorities, particularly African-Americans, are over represented in the criminal justice system. Explores normative issues of justice and equity in broader social interactions that influence and are influenced by crime and the criminal process.

**SOC 6635 Sociology of Education (3)**

This course is structured to conduct a thorough survey of education in contemporary society. Emphasis will be placed on examining education as a social institution and the school as a social organization. The educational system's role in creating inequality and the contribution of formal education to individuals' physical and mental well-being will also be examined. Topics will include the dynamics of race, class, and gender in education, standardized testing, school choice issues, and the current state of higher education.

**SOC 6636 Social Inequality (3)**

Examines theories, definitions, and measurement of poverty and implications of recent research on the poor; considers social consequences and strategies to combat poverty.

**SOC 6640 Death and Dying (3)**

An overview of historical aspects of death and dying will be conducted in this course. In addition, the biomedical, economic, social, and psychological issues surrounding death and dying in the 21st century in America will be explored in depth. Both individu-

als as well as societal attitudes toward death and the dying process will be covered, including; an exploration of the death system, variations of grief, hospice and palliative care, end of life issues and decisions, the bereavement, grief and mourning process and funeral process. A theoretical and applied approach will be utilized in this course.

**SOC 6644 The Sociology of Cinema (3)**

This course is designed to critically examine sociological issues within American society via the lens of cinema.

**SOC 6646 Food and Society (3)**

Explores the central role of food in social life, considering similarities and differences in the sociality of food across communities, places, regions, and nation-states. The sociological significance of food is approached from multiple perspectives: institutionally as part of economic and political systems; interpersonally, as an important element of identity and socialization; organizationally, as part of the community and family structure; and as an embodiment of class, culture, age, and gender.

**SOC 6655 Sociological Social Psychology (3)**

This course provides an in-depth exploration of the topic of social psychology. Subtopics to be examined as part of this course include the self, emotion, motivation, group dynamics, and collective behavior, as well as the theoretical paradigms of symbolic interactionism, social exchange, and social constructionism. Emphasis will be placed on the similarities and differences between the sociological and psychological approaches to social psychology.

**SOC 6665 Sociological Theory (3)**

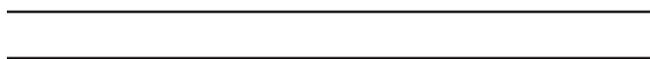
Theoretical analysis of social inequality with emphasis on how social class status, power, and culture, shape social relations and determine life chances. Emphasis will also be given to an examination of how social inequality affects attitudes, opinions, and political choices of individuals and groups. Topics that are covered include family, educational opportunities, religious practices, status attainment, and social mobility.

**SOC 6680 Selected Topics in Sociology (3)**

**6681** Sociological examination of a designated topic of special and/or current interest and importance that is generally not covered in regularly offered courses in the department.

**SOC 6690 Internship 1 in Sociology (3)**

Application of skills and knowledge of Sociology in government agency, public service institution or similar situation under the supervision of a faculty member.



multiple practice perspectives (including feminist theories). In addition, it is designed to foster a critical understanding of the dynamics and consequences of social and economic injustices, inclusive of but not limited to discrimination and oppression in formulating our assessment and treatment plans with women and the critically assessment and challenge of policies that negatively impact women.

**SWK 6622 Crisis Intervention (3)**

Direct Practice techniques for dealing with crisis. Crisis theory, stress management and time-limited intervention will be examined.

**SWK 6645 Principles of Non-Profit Organizations (3)**

This seminar in non-profit organizations is designed to aid helping professionals students develop a basic understanding and knowledge of the history, operation, and structure of non-profit organizations including management and leadership roles.

**SWK 6691 Foundation Research Methods (3)**

Basic principles of developing, testing, refining, and using scientific knowledge for direct social work practice are presented. Consideration is given to the development of theory, formulation of testable problem statements, the design of appropriate strategies for obtaining and analyzing relevant information, drawing conclusions and applications for use in professional practice, and communication of findings to others.

**SWK 6696 Foundation Practicum and Seminar I (2)**

The Foundation Field Practicum and Seminar engages the student in an assigned human service agency. In addition to providing an orientation to the practicum experience, this course directs the student's study of the practicum client population and agency, promotes the student's self-assessment and learning goals for professional social work development. This course is the first 134 contact hours at an agency; a second course (SWK 6697, 134 contact hours); and a third course (SWK 6698, 134 contact hours) will complete a total of 402 contact hours at the same agency. Prerequisites: Approved by Director of Field Education

**SWK 6697 Foundation Practicum and Seminar II (2)**

The Foundation Field Practicum and Seminar engages the student in an assigned human service agency. In addition to providing an orientation to the practicum experience, this course directs the student's study of the practicum client population and agency, promotes the student's self-assessment and learning goals for professional social work development. This course is the second 134 contact hours at the same

in social work practice with families and children. It builds upon foundation content in social policy, social work theory and practice, and research provided during the first year of the graduate study in social work.

**SWK 7722 Social Work in Health Care Settings (3)**

This course enables students to explore and evaluate the issues involved in offering effective psychosocial interventions in a health care setting, understand managed care, compete within this environment, and influence the quality of health care. Emphasis on a holistic approach to health care will examine the biological, behavioral, cognitive, emotional, and spiritual components of the client within the health care system. The importance of these components as they interact with the individual's gender, ethnicity, and sexual orientation will also be explored. The complex but necessary interaction of the individual's experiences with family, social, political, and legal systems will also be examined. Finally, and with equal importance, the student's attitudes and feelings regarding the practice of social work in health care will be explored.

**SWK 7724 Topics in Grant Writing and Program Development (3)**

**SWK 7742 Social Work in School Settings (3)**

This course presents advanced knowledge and skills essential to providing effective school social work interventions. Students will learn to identify, select and apply evidence-based prevention and intervention methods for use with individuals, groups, families, school personnel, and communities to enhance



**SM 6642 Managing Sport and Physical Activity Organizations (3)**

This course focuses on the conceptual analysis of management in sport. The field of sport management is described in terms of the services within the field, and management itself is viewed as the coordination of the processes of production and marketing of those services. Students will discuss and demonstrate knowledge in managerial functions of planning, organizing, leading and evaluating problems associated with the production and marketing of services within the field of sport management.

**SM 6644 Human Resource Management in Sport (3)**

This course focuses on management of human

- SM 6695 Thesis II (3)**  
Independent research leading to the preparation of a scholarly paper related to sport and fitness management topic under the supervision of the student's advisory committee. The student's advisory committee will administer an oral examination covering the research and findings. Grading system is Pass/Fail.
- SM 8801 Statistical Analysis and Interpretation (3)**  
This course examines the fundamentals, analyses, and interpretation of statistics. Statistical information to include sampling, hypothesis testing, regression, frequency distributions, t-tests, parametric/nonparametric statistical techniques, multivariate data analysis (MANOVA), and others using SPSS and other statistical software.
- SM 8803 Research Methods I (3)**  
The purpose of this course is to introduce the student to broad and practically oriented research design methods within sport management as a social science. This course will also require students to investigate the development and usage of theory and design as they relate to research in sport management. Using this knowledge, students will be able to begin developing their own research agenda by identifying and expanding key questions within their area of interest. A grade of "B" or better is required.
- SM 8805 Research Methods II (3)**  
This course further examines the research process,

**SM 8835 Seminar in Advanced Statistics in Sport Management (3)**

This course provides an introduction to the advanced statistical techniques recently employed in sport management research. Course topics will include Exploratory Factor Analysis, Confirmatory Factor Analysis, and Structure Equation Modeling that systematically evaluate conceptual/theoretical models.

**SM 8860 Dissertation (1-9)**

In consultation with the dissertation chair and committee, the student will design and conduct research to complete the aims identified in his/her research proposal, or as modified subsequently, in line with recommendations from the committee. Disserta-



a service delivery model to meet the challenge of educating students with disabilities in the regular classroom. Specifically, this course focuses on collaborative-related issues for teachers who work with students with disabilities. The course is premised on the federal mandate that requires educators to employ the interactive framework established by PL

taken at the end of the graduate program of study. The course serves as the capstone course for the MS Collaborative/Special Education program. The course must be taken as one of the candidates final two courses after EDU 6691. A grade of "B" or better is required. Advisor approval required before adding course.

- SPE 6698 Collaborative Teacher 6-12 Initial Practicum (3)**  
 This course is for those candidates who do not currently hold an undergraduate teaching certificate for Collaborative Teacher, 6-12. This is a supervised experience in the 6-12 classroom with both the inclusion of disabled students into the general education classroom and with disabled students in a resource or self-contained setting. The prospective Collaborative Teacher will spend 100 clock hours in designing instructional and teaching methods that will allow the student with a disability to access the general education curriculum as outlined by the Alabama Course of Study. The prospective Collaborative Teacher will work collaboratively with the general education teacher, special education teacher, IEP committee, and other professionals to design and deliver an appropriate education for students with disabilities.

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- SPE 6699 Collaborative Teacher K-6 Initial Practicum (3)**  
 The practicum is for those candidates that do not currently hold an undergraduate teaching certificate for Collaborative Teacher, K-6. This is a supervised experience in the inclusive K-6 classroom and for students with disabilities in a resource and/or self-contained setting. The prospective Collaborative Teacher will spend 100 clock hours in designing instructional programs for students with disabilities.

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packages such as SAS and R will be used.

**STAT 5564 Multivariate Analysis (3)**

Possible topics to be covered include multivariate descriptive statistics, multivariate normal distribution, analysis of covariance, MANOVA, multivariate regression, principal components, discriminate analysis, cluster analysis, factor analysis. This course contains additional graduate-level content equivalent to a one-hour recitation with the instructor which will further investigate the theoretical aspects of or applications of the topics discussed in the course.  
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**TL 7794 Research in Action (3)**

The purpose of this course is to provide instructional leaders with a study of the processes involved in iden

