COURSE LISTING

CSSW 500A	Autonomous Social Work Practice I	3 Credits
The course provides foundation knowledge at the graduate level about generalist social work practice. Framed in an Autonomous Social Work Practice Model, the course content about matrix roles, Humanistic Values, and Afrocentric Perspectives are linked to the ecological system and strength perspectives. The course examines social work practice as both a method and process for intervention with micro and mezzo systems where the goal is to aid the client to achieve an optional level of social functioning within these systems.		
CSSW 500B	Autonomous Social Work Practice II	3 Credits
The second course in the Practice Content sequences builds upon CSSW 500A. The course examines social work practice as both a method and process for intervention with mezzo and macro systems (small groups, organizations and communities). Primary attention is given to assessing the client's functioning within these systems.		
CSSW 501A	Concurrent Field Practicum I	3 Credits
Concurrent Field Practicum I provide students with a supervised field experience in an agency setting using generalist social work skills appropriate at the graduate level. Students apply foundation knowledge, skills, values and ethics to practice. The practicum focuses on skill development, the nature of social systems, and the integration of social work theory and practice. Students are in the field for two days per week for twelve weeks during the semester.		
CSSW 501B	Concurrent Field Practicum II	3 Credits
Concurrent Field Practicum is a continuation of CSSW 501 – Concurrent Practicum I. The practicum experience focuses on skill development application of ethics to practice and the integration and application of social work theory and practice. Students work in the field two (2) days per week for fourteen weeks during the semester.		

CSSW 502A	Concurrent Field Practicum III	3 Credits
This practicum III provides students with direct practice experience reflecting a variety of theoretical constructs that undergird the students' practice focus. Critical thinking, knowledge and skills, values and ethics will be further developed based on theories, through the application of advanced multilevel field activities.		
CSSW 502B	Concurrent Field Practicum IV	3 Credits
Field Practicum IV while anchored in a continuation of CSSW 502A provides students with opportunities for rigorous activities building on advanced practicum knowledge. Students will be able to utilize advanced practicum knowledge, assessment, and intervention strategies in a variety of complex treatment settings across diverse populations.		
CSSW 503	Advanced Direct Social Work Practice	3 Credits
This course is designed for students who have completed the foundation courses. Building upon 500-level Autonomous Social Work Practice courses, it extends the matrix roles and subsequent skills learned in autonomous social work practice to more complex individualized practice with client systems considering the multiple variables that affect their lives. Attention is given to the bio-psychosocial integrity of the client and to ethical issues.		
CSSW 504A	Advanced Direct Social Work Practice: Focus on Child and Family	3 Credits
This advanced direct practice course builds on the knowledge skills and values learned in foundation social work practice courses. It is designed to provide depth, specificity and advanced skills in assessment and intervention with children and families within the context of the multilevel systems. Students learn to identify and critique the central issues that are addressed in the process of assessment and treatment intervention with children and families.		
CSSW 504B	Advanced Direct Social Work Practice: Focus on Health/Mental Health	3 Credits
This advanced direct practice focus course provides depth specificity and knowledge about advanced skills in assessment and intervention. Attention is given to client systems that experience or are at risk of experiencing problems in social functioning due to their health and mental health. The course focuses on knowledge, value, skills and strengths for effective practice to enhance clients' developmental capacities, problem-solving and coping skills.		
CSSW 506	Program and Organizational Development for Direct Social Work Practice	3 Credits
This course provides students with advanced knowledge and understanding of organizational needs and identifies strategies and models for achieving these needs. Selected organizational development models are examined to determine their applicability to social service agencies.		
CSSW 508	Brief Interventions Methods	3 Credits
This advanced direct practice course examines the theory and practice of brief treatment methods, including crisis intervention. It focuses on differential use of these approaches in social work practice. The features of treatment designs and processes that are critical to effective time-limited practice are considered, with emphasis on the characteristics of brief interventive methods with individuals, families and small groups. Particular attention is given to assessment and intervention in Planned Short Term Treatment.		
CSSW 510	AIDS: Psychosocial Issues and Intervention	3 Credits
This advanced course provides critical information on direct practice, prevention, education, intervention methods and models of care for working with people with HIV/AIDS. Additionally, the course focuses on high risk behavior for contracting HIV/AIDS. Prejudices, legal, spiritual, ethical, and other issues which confront social workers in direct practice with persons with AIDS are addressed.		
CSSW 511	Intervention Strategies with Children and Adolescents	3 Credits
This course provides advanced knowledge and specialized skills for direct practice with children and adolescents who experience developmental issues and a range of psychosocial problems and social injustices. It examines practice issues relevant to culturally diverse children and adolescents, especially African American and Latino children and adolescents. This advanced direct practice course emphasizes resiliency and strengths in making assessments and interventions in various treatment settings: schools, child welfare agencies, and juvenile justice systems.		

CSSW 512	**Intervention Strategies with Adults and the Aged**	3 Credits

This advanced course is designed for skill development and effective application in problem resolution with adults in their life tasks, and with older individuals and groups in the processes of aging. Emphasis is placed on intervention with primary care givers, health care and other providers, and the elderly. Emphasis is also placed on intergenerational concepts and differential approaches with the frail, disabled, and chronically ill in the context of their ethnic cultural milieu and the wider society.

CSSW 513	**Child Abuse and Neglect**	3 Credits

This advanced direct practice course provides a historical overview of value perspectives of children-particularly African Americans-and corresponding injustices, violence in relation to child maltreatment-views of diverse cultural and ethnic groups regarding child abuse and neglect, rights of children and parents. Core objectives of the course are to: 1) explore research findings on the prevalence of factors that contribute to child abuse and neglect; 2) understand knowledge about the types and causes of child abuse; 3) develop knowledge of and skills in investigation, assessment, case management, treatment approaches, prevention, and methods of evaluation of micro and macro systems.

CSSW 514	**Group Processes in Social Work Practice and Administration**	3 Credits

The primary focus of this advanced direct practice course is on theoretical knowledge and skill development for practice with task and treatment groups in child welfare, health/mental health, and school social work settings. The course builds on and integrates first semester content, humanistic values, autonomous social work practice, and the Afrocentric paradigm with strategies for assessing individuals and groups. Thus, the course equips students with advanced knowledge and skills to practice group work with diverse populations and with competence in and sensitivity to race, ethnicity, with competence in and sensitivity to race, ethnicity, community, culture, gender, and sexual orientation.

CSSW 517	**Community-Based Health Care**	3 Credits

This advanced direct practice course provides students with the opportunity to analyze health problems in a given community. Emphasis is placed on access and barriers at health services, the roles and functions of multi-disciplinary health teams, community needs assessment and interventions, and policy advocacy for change. Students learn methods of assessing community health issues, data analysis skills, resource identification, and health policy proposal and testimony skills for presentation to legislators on behalf of the community.

CSSW 518	**Community Health Promotion and Disease Prevention**	3 Credits

This advanced direct practice course provides the opportunity for social work students to learn how to promote a community based health care and prevention program. The course also provides instruction in how to identify, analyze and eliminate barriers to community health services within communities.

CSSW 520	**Family Therapy**	3 Credits

This is an advanced direct practice social work course designed to increase students' knowledge and skills for intervening with families. The course engages students in: 1) exploring the development of family therapy and the dimensions of family treatment in social work practice; 2) building on conceptual, analytical, land practice skills necessary for thorough use of family therapy models; 3) developing skills to assess family intervention and 4) identifying major research findings and issues in family therapy.

CSSW 521	**Supervision and Consultation in Direct Social Work Practice**	3 Credits

This course provides concepts and principles of supervision and consultation. Attention is given to emerging trends and practices in supervision, staff development, personnel utilization and assessment. The course explores the history, roles, techniques and practices involved in the supervisory process. The course is designed for the experienced student who desires and expects to become an agency supervisor within the near future, and to assist practicing supervisors in developing additional competencies. Attention is given to issues of direct practice supervision and licensure.

CSSW 522	**Public Health Social Work Practice**	3 Credits

This course prepares social work students for advanced practice in the area of public health with a focus on disease prevention. Students are introduced to the historical development of public health practice, current public health issues, policies and procedures, research, assessment, and intervention strategies. Professional values and ethics are promoted as a foundation for helping students accept the differences in health behaviors related to ethnicity, gender, race, culture, socioeconomic status, at-risk status, and sexual orientation. Students are exposed to content on humanistic values, Afrocentric Perspective and autonomous direct practice social work matrix roles as they relate to public health in social work.

CSSW 585	**Research Methods I**	**3 Credits**

This foundation course provides instruction in basic logic, process, concepts and methods of applied social work research. The course covers research methodologies and design to include interviews, focus groups, case studies, surveys, secondary data, record review, observation, and case file audits which may be applied to the investigation of social work issues at the individual and program level. The course is intended to foster an appreciation of evaluating practice and accountability.

CSSW 586	**Research Methods II**	**3 Credits**

This course provides instructions in the computation, interpretation, and application of statistical procedures that can be used in social work research and in social work practice; it is designed to provide basic statistical skills that will enable the student to more systematically implement and evaluate social work practice intervention. Training in the SPSS for windows computer software package is provided.

CSSW 589	**Research with an Emphasis on Application**	**3 Credits**

This course provides instruction in evidence-based practice as it relates to social work practice, theory, policy and research. Evidence-Based Practice (EBP) in Social Work is the planned use of empirically supported assessments and intervention methods combined with the judicious use of monitoring and evaluation strategies for the purpose of improving the psychological well-being of clients. EBP is expected to be goal directed and in the client's best interest in order to meet diverse population needs.

CSSW 590A	**Research Methods III: Thesis/Conceptual Paper**	**4 Credits**

This course provides instruction, feedback, and support to develop and complete the student's thesis or conceptual paper. The course will also provide instruction in the computation, interpretation, and application of analytical procedures that can be used in social work research and evaluation. This course will culminate in the completion of the student's thesis or conceptual paper.

CSSW 600A	**Human Behavior & the Social Environment I**	**3 Credits**

Students are exposed to the ecological social systems perspective in which to understand human development in contemporary contexts. A range of theoretical frameworks that addresses individual development from conception to adolescence within the family and social institutions will be explored. The Afrocentric perspective and humanistic paradigm will be the lens through which these issues will be addressed.

CSSW 600B	**Human Behavior & the Social Environment II**	**3 Credits**

This foundation course expands understanding of individual growth and development from young adult through late adulthood and death. A range of theoretical frameworks that address individual development within groups, organizations and communities will be explored. The Afrocentric perspective and humanistic paradigm will be the lens through which these issues will be addressed.

CSSW 603	**African-American Families**	**3 Credits**

This advanced course examines historical and contemporary forces impinging upon African American families and the resultant survival strategies for these families. The Afrocentric perspective is used in discussing African American families. An ecological/social system, "strengths" approach to the study of African American families represents the perspective for viewing social problems, particularly those of a physical and emotional nature.

CSSW 606	**Alcoholism and Drug Dependency**	**3 Credits**

This advanced course examines major issues in alcohol and drug dependency. Attention is given to the social, psychological, economic consequences for families where there is alcohol and drug dependency. Prevention and strategies for intervening with individuals and families from a range of ethnic and sociocultural backgrounds are explored for their usefulness. Finally, the roles of social workers in the field of alcohol and substance abuse are considered.

CSSW 609	**Emotional Disorder of Children and Adolescents**	**3 Credits**

This advanced course is designed to explore a range of factors, situations, and experiences that contribute to the development and progression of emotional disorders in children and adolescents.

CSSW 610	**Integrating Practice and Human Development with an Emphasis on Ethics**	3 Credits

This course is intended as a bridge course to integrate advanced social work practice skills and human development across the life span with an emphasis on ethics. Students will apply the principles of ethical decision-making and various value system approaches to the formulation of ethical issues explored in the context of biological, psychological and social substrates of normal and pathological behavior.

CSSW 611	**Psychopathology**	3 Credits

This course will focus on the clinical process of assessment and diagnosis from the perspective of social work practice. The Diagnostic and Statistical Manual of Mental Disorders (DSM-IV-TR) and other schemes for assessing and understanding human behavior, psychopathology, and mental disorders will be demonstrated and critically examined. A broad spectrum of developmental theory is drawn upon to further promote students' understanding of assessment and treatment interventions.

CSSW 700	**Social Welfare Policy and Services**	3 Credits

This foundation course is designed to assist students in acquiring knowledge of the history of America's response to the needs of the poor and oppressed, including legislative policies, and the development and role of the social work profession. Special attention is focused on general social problems, children, family and health issues, service program structures, and beginning skills for analyzing social welfare issues.

CSSW 706	**Law and Social Work**	3 Credits

This course is designed to provide students with an advanced overview and analysis of social work as it interfaces with the law. The course addresses various types of law-statutory, constitutional, regulatory, and common law as it related to systems functioning. It is not designed to turn professional social workers into lawyers, but rather to make encounters with lawyers and the legal system less mysterious and more beneficial to the client population. At the conclusion of this course, the student is able to recognize how federal and state court systems operate, attain a level of confidence with respect to court testimony, understand the value of effective social work advocacy, develop cognizance of professional licensing and practice issues, and use basic legal terms and legal library resources for systems change.

CSSW 709	**Differential Policy Analysis**	3 Credits

This foundation course builds on CSSW 700 and is designed to assist students in developing conceptual, analytical, and political skills necessary to improve existing social policies, defeat policy initiatives incongruent and social work values, or establish new policies. Each student selects a social welfare policy or policy issues at the local, state, or federal level for analysis and advocacy action.

CSSW 710	**Social Welfare Policy with an Emphasis on Georgia Policies**	3 Credits

This course is designed to enable students to become more knowledgeable about various state-level social welfare policies and programs and their implications for diverse and at-risk populations.

CSSW 800	**Independent Study**	1-3 Credits

This is an independent, advanced study course that is arranged between a faculty member and a student on a specific topic of interest to the student that meets academic and professional requirements of the MSW Program. Students must have at least a 3.8 GPA to qualify for this course. Permission of both the Director of the MSW Program and the Dean is required.

CSSW 801	**Integrative Seminar**	1 Credit

This advanced direct practice social work seminar is designed to integrate and synthesize the total experience for students enrolled in either the two-year, full-time, three-year, part-time, advanced-standing plan of study. This course enables the student to synthesize, refine and demonstrate comprehensive understanding of the MSW program goals and objectives, humanistic values, Afrocentric perspective, and autonomous social work practice roles.

CSSW 900	**Historical Analysis of Social Welfare and Professional Social Welfare Practice**	3 Credits

This examines concepts, ideas/issues and theoretical approaches utilized in the study of social welfare policies in the United States and globally. A variety of theoretical approaches and perspectives are utilized to understand the rationale behind social welfare policies and how these policies impact the academic study and profession of Social Work in the United States.

CSSW 901	**Social Welfare and Professional Social Work Policy Planning and Development**	**3 Credits**

This course creates awareness of sequential policy development on several levels, as well as fosters understanding of administration procedures, techniques and interventions that may be employed in the implementation of policies and programs.

CSSW 910	**Research Methodology**	**3 Credits**

This course provides an in-depth understanding of descriptive and inferential statistics that enable students to master the procedures of statistical analysis as used in the field of social work.

CSSW 911	**Descriptive and Inferential Statistics**	**3 Credits**

This course provides a dual focus. The major focus is on application of advanced research methods for the evaluation of human service programs. The secondary focus is on the use of multivariate statistics and microcomputers in evaluation and planning.

CSSW 912	**Evaluative Research and Multivariate Statistics**	**3 Credits**

This course covers aspects of research methodology for social work planning and administration including; problem formulation, conceptual and operational definitions of variables, theory and literature selection, design, data analysis and data presentation; emphasis is placed on experimental and quasi-experimental designs and research for administration and computer applications in the analysis and presentation of data.

CSSW 913	**Doctoral Seminar I**	**3 Credits**

This course is designed to teach students how to develop and refine a topic on which they may write their dissertation. It furthers the purpose of this course to teach students how to conduct a literature review based upon a topic on which they propose to write their dissertation.

CSSW 914	**Doctoral Seminar II**	**3 Credits**

This course is a continuation of CSSW 913. It is designed to help students understand and apply various research methods they may use to collect and analyze data for conducting their research.

CSSW 920	**Organizational Development**	**3 Credits**

This course is designed to enable students to understand and apply various theories of planned change in different organizational settings. Recognizing that organizations are organic living systems, the roles and competencies of leaders who seek to develop more effective organizations are explored. Primary attention is given to nonprofit human service organizations.

CSSW 921	**Planned Change in Complex Organizations**	**3 Credits**

This course is designed to examine the theory and language of complex organizations and to better understand why human service organizations may be viewed as such. There is no doubt that the environments in which human service organizations operate have become considerably more complex. The communities served by these organizations, especially urban and suburban, continue to experience major socio-demographic change.

CSSW 930	**Critique and Analysis of Managerial Theories**	**3 Credits**

This course provides a critique and analysis of various administrative and managerial theories, principles and concepts. It establishes a framework for assessing the potential applicability of selected managerial theories in human service agencies.

CSSW 931	**Administration in Human Service Organizations**	**3 Credits**

This course builds on CSSW 930 and is designed to help students strengthen their managerial skills and acquire new skills that will enable them to function more competently as managers, and administrators of human service organizations.

CSSW 995	**Doctoral Dissertation**	**3-6 Credits**

Dissertation writing under the direction of the major professor including presentation of the Prospectus. ***Repeatable for a maximum of 42 credits.***

GRADUATE PROGRAMS COURSE LISTINGS

CAAS 501	Africa and the African Diaspora	3 Credits
Introduction to research methods and basic and current concepts of culture and value systems as applied to Africa and African-derived cultures of the Americas. Various cultures of the Diaspora are viewed as exemplars.		
CAAS 535	**African and African American Folklore**	**3 Credits**
A survey of the principal characteristics of African American folklore in its social, historical, and aesthetic contexts.		
CAAS 550	**African and African American Music**	**3 Credits**
A study of the principal characteristics of African-American music with pertinent references to music on the Continent.		
CAAS 560	**African American Art**	**3 Credits**
A study of the aesthetic tradition and the social context of African American art.		
CAAS 564	**African Art**	**3 Credits**
A survey of the basic forms and styles of traditional African art and a look at colonial and post-independence styles and trends.		
CAAS 601	**Directed Study**	**2-3 Credits**
Readings and other research based on a corpus of works suited to the research needs and interests of the individual student. Student and a designated faculty member plan the syllabus for the course. **Course may be repeated only once.**		
CAAS 602	**Directed Study**	**2-3 Credits**
Readings and other research based on a corpus of works suited to the research needs and interests of the individual student. Student and a designated faculty member plan the syllabus for the course. **Course may be repeated only once.**		
CAAS 630	**Seminar in Selected African-Americans**	**3 Credits**
Men and women of historical importance in the shaping of the African-American destiny or culture such as Frederick Douglass, W.E.B. DuBois, and Alain Locke are studied in detail.		
CAAS 640	**Seminar in Comparative Black Literature**	**3 Credits**
Selected research problems comparing and contrasting traditions in Francophone, Afro-Hispanic and African-American literature. *Prerequisites*: A reading knowledge of French; consent of the instructor: Reading knowledge of Spanish recommended (Cross-referenced with CFRE 640, CSPA 640, CENG 524).		
CAAS 652	**Capstone I**	**3 Credits**
The course introduces students to concepts and approaches related to research in African-American Studies. Students will engage in intensive readings of classical and contemporary texts, which reflect the complexities of African-American Studies as the basis for learning the process of writing a thesis. Upon completion of the course, students will submit an approved topic, working bibliography and an introductory chapter.		
CAAS 653	**Capstone II**	**3 Credits**
Students will engage in intensive readings of contemporary texts, which reflect the complexities of African-American lived experiences. Readings assigned in Capstone I and II serve as the basis for the completion of the project consisting of an approved topic, introduction, review of the literature and bibliography.		
CAAS 710	**Pro-Seminar in Africana Studies**	**3 Credits**
This course introduces students to the discipline of Africana Studies by providing an overview of the social, political, intellectual and theoretical approaches impacting the black lived experience. The course serves as an introduction to African American Studies with and is required of all students in the concentrations of African American Studies and Africana Women's Studies.		
CAAS 804	**Dissertation Research**	**3 Credits**
Direct advisement through individual and tutorial sessions with faculty in the completion of the thesis and research writing process. Students are expected to attend the tutorial sessions. *Prerequisite*: Completion of Comprehensive examination and approval of department chair. **Course may be repeated for credit.**		
CAAS 805	**Thesis Research**	**3 Credits**
Direct advisement through individual and tutorial sessions with faculty in the completion of the thesis and research writing process. Students are expected to attend the tutorial sessions. *Prerequisite*: Completion of Comprehensive examination and approval of department chair. **Course may be repeated for credit.**		
CAWS 500	**Political Theory**	**3 Credits**
An in-depth analysis of the major schools of thoughts in the field of political theory from the classical period to the present with emphasis on theories about women and politics. Particular attention is given to Third-World theories about women in politics. (See also CPSC 543).		
CAWS 501	**Feminist Theory**	**3 Credits**
Examines and analyzes the various theoretical, strategic and political positions which characterize the literature and the study of women-related issues. Special emphasis is given to the study of black feminist theory. (See also CPSC 606).		
CAWS 502	**Africana Feminist Theory**	**3 Credits**

A critical examination and analysis of the historical and current theories about the role and status of women of African descent. Open to advanced undergraduates with permission of instructor.

CAWS 503	Feminist Methodology	3 Credits

A variety of research, resources, techniques, and approaches to women's studies are reviewed and assessed.

CAWS 504	Comparative Third World Women	3 Credits

An examination of the social, political, psychological and economic conditions of African-American, Caribbean, and African women, with a view toward identifying and comparing similarities and differences among the three groups of women.

CAWS 505	Women in the Labor Market	3 Credits

An examination of occupational and economic conditions, constraints, and patterns of female wage earners in America; black, white, rural, urban, poor, middle class, and women at various educational levels are discussed.

CAWS 506	Women and Development	3 Credits

Emphasis is on the role, priorities and systematic problems associated with female participation in the development process.

CAWS 507	Rural Women	3 Credits

A cross-cultural look at the lifestyles, socioeconomic, and political conditions and concerns of rural African, Caribbean and African-American women. *Prerequisite*: CAWS 506.

CAWS 508	Urban Women in Africa and the Caribbean	3 Credits

A cross-cultural analysis of the concerns and conditions of African and Caribbean women who live in urban areas.

CAWS 509	Africana Women and Public Policy	3 Credits

A review of public policy issues which impact the status and conditions of Africana women. The degree and results of their participation in government policymaking is also examined. *Prerequisite*: A course in public policy analysis.

CAWS 510	Africana Women in International Affairs	3 Credits

A survey of the degree and level of Africana women's involvement in foreign policy making, diplomatic missions, international agencies and organizations. Positions held, career advancement patterns, and issues championed by these women are examined and analyzed. *Prerequisites*: CAWS 490 and CAWS 506.

CAWS 517	Women in Politics Seminar	3 Credits

A study of the roles, activities and problems confronting women participating in the political system. The discrete subject of the Seminar will vary from semester to semester. (See also CPCS 517)

CAWS 537	The African Novel	3 Credits

A study of modern African novels written in English with attention to their social contexts. (See also CENG 530)

CAWS 538	Caribbean Women and Work	3 Credits

A study of the motives and conditions under which Caribbean women work in the formal and informal economics of their states.

CAWS 539	Third World Women and Development	3 Credits

The history, status and role of Third-World women in development are the focus. Governmental policies and practices toward women as well as movement and activities of Third-World women are examined. (See also CPSC 539)

CAWS 540	Caribbean Women Writers	3 Credits

A study of the writings of Caribbean women writers, their topics, perspectives, and motivation for writing. (See also CENG 591)

CAWS 542	Seminar on Comparative Politics	3 Credits

Designed for advanced students concentrating in Comparative Politics. Focus is on readings and research on selected topics and problems in comparative politics. (See also CPSC 542).

CAWS 549	Women in Contemporary Africana Fiction	3 Credits

Examination of the status of women in modern African/African-American fiction including fiction of women throughout the African Diaspora with comparisons to their actual status in these societies. (See also CENG 590).

CAWS 591	The Black Aesthetic	3 Credits

Analysis of the concept of a black world view and culture, including readings in the Western and African aesthetics as well as black American critical writings.

CAWS 600	Seminar on Africana Women's Studies	3 Credits

A team-taught course designed to highlight the history, cultural diversity, contributions, and approaches to Africana Women's Studies.

CAWS 601	Directed Research	3-6 Credits

Course is designed to provide students with an opportunity to engage in other learning experiences not available through general course work. Student and a designated faculty member plan the syllabus for the course. May be taken only twice toward completion of the program of study. Prior approval of the instructor is required.

CAWS 602	Thesis Research I	3 Credits

Direct advisement through individual and tutorial sessions with faculty in the completion of the thesis and research writing process. Students are expected to attend the tutorial sessions. ***Prerequisite***: Completion of Comprehensive Examination and approval of department chair.

CAWS 603	Thesis Research II	3 Credits
Direct advisement through individual and tutorial sessions with faculty in the completion of the thesis and research writing process. Students are expected to attend the tutorial sessions. ***Prerequisite***: Completion of Comprehensive Examination and approval of department chair.		
CAWS 611	Introduction to Africana Women's Studies	3 Credits
This course is designed to introduce students to the discipline of Africana Women's Studies by providing an overview of the social, political, intellectual and theoretical approaches utilized in such an academic undertaking.		
CAWS 615	Race, Sex, and Class	3 Credits
An examination of the causes and consequences of social and economic cleavages based on race, sex, and class. Emphasis is on the effects of these on African peoples generally and women specifically.		
CAWS 617	Feminist Criticism	3 Credits
An exploration and assessment of historical and contemporary concepts, issues, and concerns from a critical, feminist perspective.		
CAWS 651	Internship	3-9 Credits
Students may do supervised internships in the United States with community-based organizations, schools and other approved agencies and abroad in a women's program or other approved arena. A minimum of 240 hours of work is required. ***Prerequisite***: Approval of the faculty member supervising the experience, department chair, and agency representative.		
CAWS 652	Capstone I	3 Credits
Students are introduced to concepts and approaches related to research in Africana Women's Studies. Students will engage in intensive readings of classical and contemporary texts which reflect the complexities of African-American Studies as the basis for learning the process of writing a thesis. Upon completion of the course, students will submit an approved topic, working bibliography and an introductory chapter.		
CAWS 653	Capstone II	3 Credits
Students will engage in intensive readings of contemporary texts which reflect the complexities of Africana Women's lived experiences. Readings assigned in Capstone I and II serve as the basis for the completion of a project consisting of an approved topic, introduction, review of the literature and bibliography.		
CAWS 802	Dissertation Consultation	1 Credit
Direct advisement through individual and tutorial sessions with faculty in the completion of the thesis and research writing process. Students are expected to attend the tutorial sessions. Prerequisite: Completion of Comprehensive examination and approval of department chair. Course may be repeated for credit.		
CBIO 501	Biology Seminar I	0 Credit
This course meets once a week during the fall semester to provide a forum to hear research reports from faculty, invited speakers and degree candidates. The course is required of all graduate students.		
CBIO 502	Biology Seminar II	0 Credit
This course meets once a week during the spring semester to provide a forum to hear research reports from faculty, invited speakers and degree candidates. The course is required of all graduate students.		
CBIO 504	Molecular Genetics	3 Credits
This course focuses on prokaryotic, bacteriophage, other viruses, and gene structure, function and regulation. Molecular details of DNA isomerization, replication, RNA transcription and translation are presented. The course also covers genetic codes, r-RNAs and t-RNAs, molecular mechanisms, transposition, mutation, repair and recombination in DNA. (Three [3] lecture hours per week)		
CBIO 505	Microbial Physiology	3 Credits
This course focuses on studies of living processes in prokaryotic cells. Topics of discussion from recent literature include cell structure and function, metabolism and regulatory networks, membrane transport, stress response, mechanisms of resistance to antibiotics and cellular differentiation. (Three [3] lecture hours per week)		
CBIO 506	Cell Biology	3 Credits
Cellular structure, biosynthesis and function of eukaryotic cells are presented in this course. (Three [3] lecture hours per week)		
CBIO 509	Methods and Techniques in Biology	3 Credits
This is a laboratory course that covers techniques such as absorption and fluorescence spectroscopy, ultracentrifugation, diffusion, sedimentation, electrophoresis, spectrometry, x-ray diffraction, nuclear chemistry and chromatography. (Three [3] lecture hours per week)		
CBIO 511 (or CCHE 551)	Biochemistry I	3 Credits

Students study Biosynthesis and the biological significance of carbohydrates, lipids, proteins, enzymes, nucleic acids and other endogenous compounds in this course. (Three [3] lecture hours per week)

CBIO 512 (or CCHE 552)	Biochemistry II	3 Credits
Topics on the function and interaction of metabolic pathways in eukaryotic cells are presented with emphasis on biosynthesis and the biological significance of carbohydrates, lipids, proteins, enzymes, nucleic acids and other endogenous compounds. (Three [3] lecture hours per week)		
CBIO 551	Biostatistics	3 Credits
Statistical theory and methods as applied to biological research are emphasized. (Three [3] lecture hours per week)		
CBIO 556	Bioinformatics	3 Credits
Bioinformatics is an emerging field that comprises the intersection of biology, mathematics, and computer science to address biological and medical research problems. The general objective of the course is to provide a one-semester introduction and overview to the fields of bioinformatics and genomics. *Prerequisites*: Graduate students must have completed the CBIO 551 (biostatistics) or equivalent. Undergraduate students must be junior status, GPA 3.0 or higher, a course in Biostatistics/Statistics (200 level or above) and permission of instructor. (Three [3] lecture hours per week)		
CBIO 589	Laboratory in Molecular Genetics	4 Credits
This laboratory course focuses on recombinant DNA and sequencing methods.		
CBIO 599	Special Topics	1-4 Credits
The course is designed to present selected contemporary topics in biology. The course may be repeated for credit when topics vary.		
CBIO 631	Advances in Biochemistry	3 Credits
Topics presented in this course focus on recent literature and discoveries in specific areas of biochemistry. *Prerequisites*: CBIO 511, 512. (Three [3] lecture hours per week)		
CBIO 633	Advances in Molecular Biology	3 Credits
Topics in this course focus on recent literature and discoveries in specific areas of molecular biology. Content is presented through lectures, group discussions, assignments and formal presentations. *Prerequisites*: CBIO 504, 514. (Three [3] lecture hours per week)		
CBIO 635	Advances in Cellular Biology	3 Credits
Topics presented in this course focus on recent literature and discoveries in a specific area of cellular biology. *Prerequisite*: CBIO 506. (Three [3] lecture hours per week)		
CBIO 641	Advances in Molecular Genetics	3 Credits
Topics in this course focus on contemporary literature and new discoveries in molecular genetics. Content is presented through lectures, group discussions, assignments and formal presentations. *Prerequisites*: CBIO 504, CBIO 491-492 or CBIO 506. (Three [3] lecture hours per week)		
CBIO 801	Thesis Consultation	1 Credit
CBIO 871	Research in Molecular Biology	Variable 3-12 Credits
CBIO 881	Research in Cellular Biology	Variable 3-12 Credits
CBIO 884	Research in Biochemistry	Variable 3-12 Credits
CBIO 991	Dissertation Consultation	1 Credit
CCHE 508	Graduate-Level Seminar in Chemistry	1 Credit
This is a one-hour lecture/seminar course. One year (two semesters) of the course generates one hour of credit. Required of all graduate students.		
CCHE 511	Environmental Chemistry	3 Credits
An examination of the origins, transport, reactions, effects, ultimate fate of hazardous waste in the environment. This course is designed to develop a working level knowledge of: (1) chemistry fundamentals; and (2) the basic principles and concepts of environmental chemistry: including (a) geochemistry; (b) atmospheric chemistry; c) environmental microbiology; and (d) waste treatment. (Three [3] lecture hours per week)		
CCHE 512	Instrumental Methods	3 Credits
An advanced lecture course focuses on the typical theory, design, and practical application of spectroscopic and chromatographic instrumentation for chemical analysis. (Three [3] lecture hours per week)		
CCHE 521	Advanced Inorganic Chemistry	3 Credits
Treatment of bonding and structure, oxidation-reduction and acid-base theory, and correlation with chemical reactivity, and Ligand field theory. (Three [3] lecture hours per week)		

CCHE 523	Coordination Chemistry	3 Credits
Ligand field theory, spectral interpretations, stability considerations, synthetic methods, unusual oxidation states, other topics of current interest. (Three [3] lecture hours per week)		
CCHE 524	Physical Methods in Inorganic Chemistry	3 Credits
Application of NMR, IR, UV-VIS, Raman spectroscopy to inorganic chemistry (Three [3] lecture hours per week)		
CCHE 531	Mechanistic Organic Chemistry	3 Credits
Treatment of bonding, resonance, inductive and steric effects and discussion reactive intermediates, nucleophilic substitution and elimination reactions a mechanistic point of view. (Three [3] lecture hours per week)		
CCHE 532	Organic Synthesis	3 Credits
The chemistry of aromatic, heterocyclic and alicyclic compounds with emphasis on mechanisms. This course will teach students the disconnection approach for the synthesis of complex organic molecules. The course will present modern methods for carbon-carbon bond formation and apply these methods to prepare target molecules. (Three [3] lecture hours per week)		
CCHE 533	Physical Organic Chemistry	3 Credits
Molecular orbital calculations, frontier molecular orbital theory and organic reaction mechanisms, stereochemistry of organic molecules containing centers, planes and axes of chirality. (Three [3] lecture hours per week)		
CCHE 541	Thermodynamics	3 Credits
A rigorous treatment of basic theories and methods in chemical thermodynamics and equilibria including phase equilibria, chemical reactions, real solutions, surface effects, and some applications to macromolecules. (Three [3] lecture hours per week)		
CCHE 542	Quantum Chemistry	3 Credits
Concepts and general principles of wave mechanics, with mathematical discussion of the hydrogen atom and harmonic oscillator. Introduction to matrix mechanics, angular momentum operators, and applications to small molecules. Variational and perturbation techniques are discussed. (Three [3] lecture hours per week)		
CCHE 544	Molecular Spectroscopy	3 Credits
Introduction and discussion of the fundamentals of rotational, vibrational, Raman, and electronic spectra. Development of the quantum mechanical treatment of these phenomena. (Three [3] lecture hours per week)		
CCHE 545	Statistical Mechanics	3 Credits
Statistical methods as applied to thermodynamics: molar partition function of mono-, di-, and poly-atomic molecules and their applications to the interpretation of chemical phenomena. (Three [3] lecture hours per week)		
CCHE 546	Kinetics	3 Credits
A rigorous treatment of reactions in the gas phase and in solution. Complex reactions, some reaction mechanisms in solution, analysis of and measurement of rates in fast reactions. (Three [3] lecture hours per week)		
CCHE 547	Magnetic Resonance	3 Credits
Treatment of basic theory of NMR and EPR including the Bloch equation, Fourier transform NMR and spin relaxation mechanisms, discussion of theoretical and experimental determination of NMR parameters, applications, and solid state experiments. (Three [3] lecture hours per week)		
CCHE 551	Advanced Biochemistry I	3 Credits
A study of the chemistry of carbohydrates, lipids, proteins, enzymes, and other compounds of biological significance and their applications to biological systems, enzyme kinetics. (Three [3] lecture hours per week)		
CCHE 552	Advanced Biochemistry II	3 Credits
Bioenergetics of metabolic reactions, metabolism of carbohydrates, lipids, proteins, nucleotides. An intensive study of protein synthesis, membrane transport and biochemical genetics. (Three [3] lecture hours per week)		
CCHE 561	Topics in Industrial Chemistry	3 Credits
Introduction to topics in chemical product development. Laboratory synthesis; scale-up to pilot plant and manufacturing; process control; process and equipment design; quality control and environmental issues; product marketing; and chemical industry management issues. Lectures will be given by personnel from a variety of areas of the chemical industry: energy inorganic chemicals; polymers; pharmaceuticals; surfactants; soaps; and detergents, etc. (Three [3] lecture hours per week)		
CCHE 562	Scale-Up for Chemists	3 Credits
This course is designed to acquaint the student with the principles of chemical production scale-up and manufacture. Topics such as material and energy balance; transport phenomena involving momentum and energy transfer and unit operations of heat and mass transfer; and process and equipment design. (Three [3] lecture hours per week)		
CCHE 563	Catalysis	3 Credits
Principles of catalysis, classification of catalyst systems, catalyst characterization, absorption of molecules on catalyst surfaces as prerequisite for catalytic reactions, kinetics of catalytic reactions, catalysis by metals, organometallic and inorganic compounds, selected examples of catalyzed industrial reactions, applications of catalysis to solving environmental problems.		

CCHE 571	Introduction to Polymer Chemistry	3 Credits
Synthesis, including radical and ionic polymerization and polycondens reactions, structure-property relationships, characterization and rheological properties of polymeric materials.		
CCHE 572	Techniques in Polymer Chemistry	3 Credits
A course designed to introduce students to experimental polymer chemistry, synthesis using ionic, free-radical and condensation polymerizations, molecular weight measurements by viscosity, osmometry, gel permeation and light scattering, spectroscopic characterization of polymers, measurements of thermal transitions. (Three [3] lecture hours per week)		
CCHE 573	Physical Polymer Science	3 Credits
Course deals with interrelationships among polymer structure, physical properties, and useful behavior of polymers. Topics to be covered include chain structure and configuration, solution and phase behavior, glass-rubber transition behavior, rubber elasticity, polymer viscoelasticity and flow, mechanical behavior of polymers, etc. (Three [3] lecture hours per week)		
CCHE 618	Topics in Analytical Chemistry - Environmental Monitoring	3 Credits
Advanced topics in analytical and environmental chemistry including separations, spectroscopy and mass spectrometry. Elements and operational principles of ISO 14001 Environmental Management System and ISO 9001/2 Quality Management System and chemical principles and operational characteristics of chemical instruments as applied to environmental monitoring with EPA established protocols. (Three [3] lecture hours per week)		
CCHE 621	Topics in Inorganic Chemistry	3 Credits
In-depth treatment of areas of inorganic chemistry of current interest. (Three [3] lecture hours per week.)		
CCHE 631	Advanced Organic Synthesis	3 Credits
Chemi-, regio-, and stereo selective methods for the efficient synthesis of multifunctional organic compounds utilizing the concepts of structural and reactivity equivalency. (Three [3] lecture hours per week)		
CCHE 632	Stereochemistry	3 Credits
Organic molecules containing centers, planes and axes of chirality in terms of their absolute and relative configurations and such topics of prochirality, conformational analysis, resolution and introductory asymmetric synthesis. (Three [3] lecture hours per week)		
CCHE 633	Photochemistry	3 Credits
A course on general theory and concepts in organic photoreactions. The course will cover electronic orbitals, chemical dynamics, potential energy surfaces, photophysical radiation less transitions, mechanistic photochemistry and photo reactions. Treatment of areas of organic chemistry of current interest. (Three [3] lecture hours per week)		
CCHE 639	Organometallic Chemistry	3 Credits
An introduction to the synthesis, structure, bonding, and reactivity of organometallic complexes. (Three [3] lecture hours per week)		
CCHE 644	Topics in Physical Chemistry	3 Credits
In-depth treatment of areas in physical chemistry of current interest. (Three [3] lecture hours per week)		
CCHE 651	Physical Biochemistry	3 Credits
Survey of various spectroscopic techniques and hydrodynamic, nonhydrodynamic and electric charge methods for determination of size, shape, and molecular weight of biomacromolecules with discussion of selected topics such as relaxation spectrometry, solutions of macromolecule, and X-ray diffraction. (Three [3] lecture hours per week)		
CCHE 652	Topics in Biochemistry	3 Credits
In-depth treatment of areas of biochemistry of current interest, including immunology, signal transduction, and carcinogenesis. (Three [3] lecture hours per week)		
CCHE 653	Protein Biochemistry	3 Credits
In-depth treatment of current topics in protein structure and function. Analytical methods for study of proteins. Conformation and folding of proteins. Allosteric interactions, genetic engineering of proteins.		
CCHE 654	Enzymology	3 Credits
In depth treatment of enzyme regulation, kinetics and formal model of catalysis, the anatomy of enzymes, allosteric enzymes; topics may be selected based on mutual interests of students and instructor. (Three [3] lecture hours per week)		
CCHE 655	Membrane Biochemistry	3 Credits
A consideration of biological membranes, membrane transport, membrane structure, excitable membranes and sensory systems and signal transduction, membrane proteins, lipid metabolism. Other topics may be selected based on mutual interests of students and instructor.		
CCHE 673	Organic Chemistry of High Polymers	3 Credits
In-depth discussion of the synthesis of polymeric molecules , "living" ionic initiators and organometallic initiators, emphasis on the synthesis of stereoregular, block, cyclic and functional polymers, polymeric reagents and catalysts, macro-momoners, synthetic inorganic polymers. (Three [3] lecture hours per week)		

CCHE 674	Topics in Polymer Chemistry	3 Credits
Course addresses current trends and topics of interest in polymer sciences. may include polymerization mechanism, polymer blends and composites, polymer spectroscopy, engineering properties of polymer, chemistry of mate polymer processing, etc., materials, polymer processing, etc. (Three [3] lecture hours per week)		
CCHE 700	Thesis Consultation	1 Credit
CCHE 7XX	Thesis Research Area of Study	Variable Credits
CCHE 710	Research in Analytical Chemistry	Variable Credits
CCHE 720	Research in Inorganic Chemistry	Variable Credits
CCHE 730	Research in Organic Chemistry	Variable Credits
CCHE 731	Research in Physical Biochemistry	Variable Credits
CCHE 740	Research in Physical Chemistry	Variable Credits
CCHE 750	Research in Biochemistry	Variable Credits
CCHE 760	Research in Industrial Chemistry	Variable Credits
CCHE 770	Research in Polymer Chemistry	Variable Credits
CCHE 790	External Research	Variable Credits
CCHE 800	Internship	6 Credits
CCHE 901	Dissertation Consultation	1 Credit
CCIS 500	Applications Software	3 Credits
For non-majors, emphasizing hands-on training in the use of Microsoft Office Suites, including application-oriented projects in word processing, spreadsheets, database design, and presentations design. *Prerequisite*: Graduate standing.		
CCIS 509	Introduction to Information Systems	3 Credits
Study of Information Systems at an introductory level. Topics include data structures, hardware concepts, software engineering, programming languages, and operating systems.		
CCIS 571	Introduction to Algorithms	3 Credits
Study of algorithm design, using appropriate data structures. Topics include algorithms for sorting, searching and graph traversal and complexity issues.		
CCIS 572	Introduction to Computer Architecture	3 Credits
Study of logical organization of computer hardware and functional components.		
CCIS 573	Introduction to Operating Systems	3 Credits
Study of basic operating system structures and designs, including process management, resource management and implementation.		
CCIS 574	Introduction to Database Systems	3 Credits
Study of basic concepts of databases, query processing and other topics of interest.		
CCIS 575	Introduction to Artificial Intelligence	3 Credits
Introductory study of intelligent problem solving and search algorithms, inference systems, machine intelligence and knowledge organization.		
CCIS 576	Programming Languages and Compilers	3 Credits
Overview of syntactic, semantic and pragmatic principles of programming. Parsing, translation and compiler construction.		
CCIS 671	Algorithm Design and Analysis	3 Credits
Study of algorithm design and analysis techniques. Topics include designing algorithms for sorting, order statistics, set manipulation, graphs, fast Fourier transforms and mathematical manipulations. An introduction to NP completeness theory. *Prerequisite*: CCIS 571.		
CCIS 672	Computer Organization	3 Credits
Advanced study of logical organization of functional components of computers, including processors, control units and memory. Topics also include interconnection networks, memory hierarchies, array and pipeline machines. *Prerequisite*: CCIS 572.		

CCIS 673	**Operating Systems Design**	3 Credits
Advanced study of major issues in operating systems including resource management, concurrent programs and duality of operating systems. ***Prerequisite***: CCIS 573.		
CCIS 674	**Database Design**	3 Credits
Advanced study of database design including data models, relational interfaces, relational database design, query optimization, crash recovery and concurrency control. Concepts are reinforced via design projects. ***Prerequisite:*** CCIS 574.		
CCIS 675	**Artificial Intelligence**	3 Credits
Advanced study of problem solving, theorem proving, knowledge representation, expert systems, learning and natural language processing. ***Prerequisite***: CCIS 575.		
CCIS 676	**Theory of Programming Languages Design**	3 Credits
Study of features of modern programming languages and issues of modular, concurrent, functional, logic and object programming. Topics also include exception handling and software reuse. ***Prerequisite***: CCIS 576.		
CCIS 681	**Computability Theory**	3 Credits
Introduction to computability theory including recursive function theory, Turing machines and self-modifying programs. ***Prerequisite***: CCIS 571.		
CCIS 683	**Algorithms for Parallel Computers**	3 Credits
Study of parallel algorithms and architecture. Topics include design and analysis of parallel algorithms for sorting, searching, graphs, mathematical manipulations and numerical problems. ***Prerequisites***: CCIS 671 and CCIS 672.		
CCIS 691	**Software Engineering**	3 Credits
Study of the concept of software process as a framework for developing software systems with emphasis on various management issues. Topics in alternative models for the software process. ***Prerequisite***: Graduate standing.		
CCIS 701	**Logic Circuit Design**	3 Credits
Study of the design of switching and sequential circuits, including timing, structure, realization and modular logic design and related problems of physical design and modeling. ***Prerequisite***: CCIS 572.		
CCIS 702	**VLSI Design**	3 Credits
Study of VLSI systems design, emphasizing quantitative characterization, analysis and computer techniques. ***Prerequisite***: CCIS 701.		
CCIS 703	**Microprocessor Design**	3 Credits
Introductory study of the concept, design and operation of microprocessors. Topics include architecture, programming, comparative microprocessor evaluation, system design techniques and applications. ***Prerequisites***: CCIS 572, CCIS 701, CCIS 702.		
CCIS 709	**Digital Signal Processing**	3 Credits
Study of signals in a digital representation and the processing methods of these signals. Topics include time-series analysis, transformations, and filters. ***Co-requisite***: CCIS 709L		
CCIS 709L	**Digital Signal Processing Laboratory**	0 Credit
Hands-on projects in Digital Signal Processing. ***Co-requisite***: CCIS 709.		
CCIS 710	**Embedded Systems**	3 Credits
Embedded systems are computers that are often specialized for a single task. Topics include system architecture, real-time system, input/output devices and development kits. ***Co-requisite***: CCIS 710L.		
CCIS 710L	**Embedded Systems Laboratory**	0 Credit
Hands on projects in Embedded Systems. ***Co-requisite***: CCIS 710.		
CCIS 711	**Image Processing**	3 Credits
Study of theories of image manipulation and feature extraction. Topics include pixel transformation, filters, edge-detection, color spaces and corrections, and compression. ***Prerequisites***: CCIS 709. ***Co-requisite***: CCIS 711L.		
CCIS 711L	**Image Processing Laboratory**	0 Credit
Hands-on projects in Image Processing. ***Co-requisite***: CCIS 711.		
CCIS 712	**Computer Vision**	3 Credits
Topics include feature extraction, pattern recognition, spatial recognition, fast color tracking, and stereoscopic vision. Prerequisite: CCIS 711. ***Co-requisite***: CCIS 712L.		
CCIS 712L	**Computer Vision Laboratory**	0 Credit
Hands-on projects in Computer Vision. ***Co-requisite***: CCIS 712.		
CCIS 713	**Robotics**	3 Credits
Topics include hierarchical and reactive paradigms, localization and navigation, analysis of range and vision sensors, planning, and multi-agent paradigms. ***Prerequisite***: CCIS 675. ***Co-requisite***: CCIS 713L.		
CCIS 713L	**Robotics Laboratory**	0 Credit
Hands on projects in Robotics. ***Co-requisite***: CCIS 713.		

CCIS 714	Distributed Systems	3 Credits
Provides a comprehensive overview of the concepts relevant to information security. Concepts include development of security policy, malicious code, general purpose protection of resources, trusted systems, and cryptography.		
CCIS 715	Pattern Recognition	3 Credits
Introduction to theory and application of decision-theoretic and syntactic methods of pattern recognition. Topics include deterministic and statistical algorithms, cluster seeking and automatic learning of decision functions and grammars.		
CCIS 720	Data Communication	3 Credits
Study of theories and methods to data communication techniques, data link control, multiplexing and communication networking.		
CCIS 721	Data Security	3 Credits
Provides a comprehensive overview of the concepts relevant to information security. Concepts include development of security policy, malicious code, general purpose protection of resources, trusted systems, and cryptography.		
CCIS 722	Computer Forensics	3 Credits
The objective of computer forensics is to extract, analyze and report on data found in computer files and storage media. Topics include methods and tools to recover deleted or distorted data, encryption, intrusion detection, and analysis of log files.		
CCIS 723	Wireless and Wired Networks	3 Credits
Study of design and analysis techniques for wireless and wired computer networks. Topics include network device hardware, topologies, medium access control, protocol models like OSI, routing, and QoS.		
CCIS 724	Information Assurance	3 Credits
Study of commercial off-the-shelf and research tools relevant to information assurance. Topics include: firewalls, password cracking, system administration tools, intrusion detection and prevention, and wireless security.		
CCIS 729	Internet Application Design	3 Credits
Internet applications require software on the client side and on the server side. This course focuses on server-side programming. Topics include Common Gateway Interface (CGI), server pages, database access, and AJAX. *Prerequisite*: CCIS 574.		
CCIS 730	Digital Multimedia	3 Credits
Introduction of concepts and tools to create and distribute digital photographs, video and sound. Topics include data formats, streaming protocols, compression algorithms, bandwidth requirements, perceived quality, water-marking, digital signatures, and Digital Rights Protection.		
CCIS 731	Human Computer Interfaces	3 Credits
Study of human factors involved in interaction with computers. Topics include terminal emulation, split-screen technology, menu-driven input, command-line processing and response-time considerations.		
CCIS 732	E-Commerce with Web-services	3 Credits
Study of electronic commerce applications. Topics include technical infrastructure, business strategies, performance metrics, and policies.		
CCIS 735	Knowledge-intensive Systems	3 Credits
Study of expert systems, data-mining, and knowledge representation. Topics include rule-based programming, semantic Web, reasoning, cluster analysis and self-organizing maps. *Prerequisite*: CCIS 675.		
CCIS 800	Practical Training	3 Credits
Advanced practical training with government laboratories and industry via cooperative education and internship programs. To receive credit for this course, a student must register prior to undertaking the proposed work. *Prerequisite*: Approval of the Department Chair.		
CCIS 801	Topics in Computer Science	3 Credits
Advanced study of a topic of current interest in the department, leading to a publishable technical report. *Prerequisite*: Approval of the Department Chair. Course may be repeated for credit.		
CCIS 803	Research/Design Project in Systems Software/Hardware	3 Credits
Prerequisites: CCIS 672 and 673.		
CCIS 805	Research/Design Project in Data Base	3 Credits
Prerequisite: CCIS 674		
CCIS 807	Research/Design Project in Distributed Systems/Networking	3 Credits
Prerequisite: consent of instructor.		
CCIS 809	Research/Design Project in Software Engineering	3 Credits
Prerequisite: CCIS 691.		
CCIS 811	Research/Design Project in Artificial Intelligence	3 Credits
Prerequisite: CCIS 675.		
CCIS 815	Research/Design Project in Information Systems	3 Credits
Prerequisite: CCIS 721.		
CCIS 821	Thesis Research	3 Credits

CCPS 501	Introduction to Counseling	3 Credits
Provides a philosophical orientation to the counseling profession. Addresses the characteristics of effective counselors, nature of the therapeutic relationship, and process of counseling. Activities are both didactic and experiential in nature. *Prerequisite*: Admission to the Program.		
CCPS 502	Helping Relationship Skills	3 Credits
Provides a broad understanding of the theoretical foundations of the helping processes necessary for building therapeutic relationship, including cross-cultural counseling theories and the tools and techniques used to foster effective helping relationships. Students will develop intrapersonal and interpersonal relationships through practice of basic counseling skills needed to be an effective counselor. Importance is placed on the mastery of fundamental concepts that enhance the development of therapeutic relationships. This is an experiential course. *Prerequisites*: CCPS 501 and CCPS 504.		
CCPS 503	Human Growth and Development	3 Credits
Provides an overview of the biological, psychosocial, and cognitive aspects of human growth and development across the life span. *Prerequisite*: Admission to the Program.		
CCPS 504	Theories of Counseling	3 Credits
Examines major theories of counseling with respect to the major assumptions and the therapeutic relationship. Emphasis on points of convergence and divergence, strength and weakness, as well as the applicability of theories to all populations. *Prerequisite*: CCPS 501.		
CCPS 505	Group Counseling	3 Credits
Examines the meaning, function, types, and principles of the group approach to counseling, including the dynamics of group interaction, leadership, role-playing, personal development in groups, and the influences of the group processes on individual development. This is an experiential course. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, & CCPS 504.		
CCPS 506	Career	3 Credits
Provides an overview of the field of career development theory. It focuses on the lifelong process of career development, the sources and systems of occupational and educational information, and career and leisure counseling processes. Emphasis is placed on empirically based theories of career development and the interventions that derive logically from them. *Prerequisites*: CCPS 501, CCPS 502, and CCPS 503.		
CCPS 507	Research and Measurements	3 Credits
Covers the fundamentals of the research tools employed by scholars when they conduct education research. Subject matter includes library resources, types of research, review of research methodologies, measurement instruments, data collection and analysis procedures, proposal preparation and report writing. *Prerequisite*: CCPS 512.		
CCPS 508	Individual and Group Appraisal	3 Credits
Provides a broad understanding of group and individual educational and psychometric theories and approaches to appraisal, data and information gathering methods, validity and reliability, psychometric statistics, factors influencing appraisals, and the use of appraisal results in counseling and consulting. *Prerequisites*: CCPS 507 and CCPS 512.		
CCPS 509	Counseling Diverse Populations	3 Credits
Examines the psychological, sociological, and anthropological principles and research in the understanding of cultural diversity in American society. Emphasis is on knowledge, skills, and self-awareness of the counselor in providing mental health services to a diverse population.		
CCPS 510	Professional, Ethical and Legal Applications	3 Credits
Emphasis on professional, ethical and legal issues associated with human services. Analyzes the function of ethics in the profession and the study of legal rights, duties, and liabilities of human services practitioners. *Prerequisite*: CCPS 501.		
CCPS 512	Behavioral Statistics	3 Credits
Emphasis on use of statistical techniques to describe, compare and predict probable trends in large and small samplings of data. *Prerequisite*: Admission to the Program.		
CCPS 518	School Consultation	3 Credits
Provides school counseling candidates the opportunity to explore the differences between direct and indirect service delivery models of consultation, reflection on the practice of consultation and develop the knowledge and skills of a problem-solving consultation process. The course provides an emphasis on working with school personnel, families, culturally and linguistically diverse populations as well as regular and disabled students. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505 and CCPS 506.		
CCPS 520	Organization and Administration of Guidance and Counseling Services	3 Credits
Focuses on the role of the school counselor in the development, implementation, and evaluation of a comprehensive developmental guidance program, as well as the counselor's involvement in leadership within the school setting with respect to the school's curriculum, system goals, and equity issues. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505, CCPS 506, and CCPS 518.		

CCPS 521	Elementary/Middle School Counseling Practicum (50 hours)	3 Credits
Focuses on counseling theory and practice, developing, implementing, evaluating guidance and counseling services; the referral process; developing, implementing, and evaluating intervention strategies; and parental involvement and other community resources related to the academic success of the elementary and middle school learner. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505, and CCPS 506.		

CCPS 522	Secondary School Counseling Practicum (50 hours)	3 Credits
Focuses on counseling theory and practice, developing, implementing, evaluating guidance and counseling services; the referral process; developing, implementing, and evaluating intervention strategies; and parental involvement and other community resources related to the academic success of the secondary school learner. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505, and CCPS 506.		

CCPS 524	School Counseling Practicum (100 hours)	3 Credits
An initial supervised experience in school counseling in which counseling theory and organization of school counseling programs are applied to practice. Students are placed in a K-12 school setting. In addition, students, in individual supervision and in small group supervision with the university supervisor, critique and analyze their actual counseling sessions. Feedback and analyses are given on these interactions by peers and the instructor. Through these processes each graduate student is assisted in developing his/her relationship skills and counseling style. Therefore, the practicum experience is an integral and vital part of the preparation program for professional counselors. *Prerequisites*: CCPS 518, and CCPS 520.		

CCPS 530	Community Counseling Practicum (100 hours)	3 Credits
An initial supervised experience in community counseling in which counseling theory and organization of community counseling programs are applied to practice. Students are placed in an agency setting. In addition, students, in individual supervision and in small group supervision with the university supervisor, critique and analyze their actual counseling sessions. Feedback and analyses are given on these interactions by peers and the instructor. Through these processes each graduate student is assisted in developing his/her relationship skills and counseling style. Therefore, the practicum experience is an integral and vital part of the preparation program for professional counselors. *Prerequisites*: CCPS 535 and Candidacy.		

CCPS 532	Counseling Couples and Families	3 Credits
An advanced counseling course designed to increase knowledge of family systems, theory, and structure in order to effectively assess, conceptualize and treat family issues. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505, and CCPS 506.		

CCPS 533	Counseling Children and Families	3 Credits
Provides an overview of childhood and adolescent development from various theoretical perspectives, as well as the assessment and treatment of emotional disorders prominent in childhood and adolescence. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505, and CCPS 506.		

CCPS 534	Community Counseling Practicum (100 hours)	3 Credits
An initial supervised experience in community counseling in which counseling theory and organization of community counseling programs are applied to practice. Students are placed in agency setting. In addition, students, in individual supervision and in small group supervision with the university supervisor, critique and analyze their actual counseling sessions. Feedback and analyses are given on these interactions by peers and the instructor. Through these processes each graduate student is assisted in developing his/her relationship skills and counseling style. Therefore, the practicum experience is an integral and vital part of the preparation program for professional counselors. *Prerequisites*: CCPS 535.		

CCPS 535	Abnormal Psychology and Diagnostic Systems	3 Credits
Provides an overview of abnormal psychology and trains students to assess psychological conditions according to the Diagnostic and Statistical Manual of Mental Disorders.		

CCPS 537	Employee Assistance Program Counseling	3 Credits
Focuses on the role and function of counselors in the workplace in providing helping services for employees and their families. *Prerequisites*: CCPS 501, CCPS 502, CCPS 503, and CCPS 504.		

CCPS 539	Theories of Personality I	3 Credits
This course is designed to critically explore the important approaches to the study of personality in psychology. As such it will be quite broad, ranging from the psychoanalytic work of Freud through the behavioral views of Skinner and others to humanistic approaches of those such as Rogers and Maslow. The aim of this course is to assist students in gaining an understanding of the various approaches to personality and identification and treatment of personality disorders. *Prerequisite*: CCPS 501, CCPS 502, CCPS 503, CCPS 504, CCPS 505, CCPS 506, CCPS 507, CCPS 508, CCPS 509, and CCPS 510.		

CCPS 540	School Counseling Internship I	3 Credits
Supervised filed placement of students. Student experiences are expected to include clinical diagnoses, developing treatment plans, extensive counselor-client sessions, and follow-up of the client's progress. Students receive one hour of individual supervision on-site, one hour of individual university supervision and attend a weekly group supervision class. *Prerequisites*: CCPS 518, CCPS 520, CCPS 521, CCPS 522, and CCPS 524.		

CCPS 541	School Counseling Internship II	3 Credits
Capstone for clinical field placement. ***Prerequisite***: CCPS 540.		
CCPS 542	Community Counseling Internship I	3 Credits
Supervised filed placement of students. Student experiences are expected to include clinical diagnoses, developing treatment plans, extensive counselor-client sessions, and follow-up of the client's progress. Students receive one hour of individual supervision on-site, one hour of individual university supervision and attend a weekly group supervision class. ***Prerequisites***: CCPS 530 and CCPS 534.		
CCPS 543	Community Counseling Internship II	3 Credits
Capstone clinical field placement. ***Prerequisite***: CCPS 542.		
CCPS 585	Thesis	3 Credits
Research-oriented project for students electing to write a thesis. ***Prerequisite***: Approval of Department Chair.		
CCPS 590	Master's Advisement	1 Credit
Maintains status of students for preparation and administration of comprehensive examination. ***Prerequisite***: Approval of Department Chair.		
CCPS 677	Independent Study in Counseling	3 Credits
Independent study of a specific topic of interest to the student in the area of counseling under the guidance of a departmental faculty member. A detailed study proposal must be submitted for approval. ***Prerequisite***: Approval of the faculty member and the Department Chair.		
CECE 213	Practicum I: Observing and Exploring	2 Credits
This entry-level practicum is designed for potential teacher education candidates. The practicum provides experiences that introduce potential candidates to teachers, learners, and the school community through processes of observing and exploring. Course assignments engage potential candidates in activities that strengthen skills in writing and critical observations. ***Prerequisite***: Admission to Teacher Education or Educational Studies or Post-Baccalaureate Programs.		
CECE 313	Practicum II: Planning and Implementing	2 Credits
This practicum promotes the development of teacher education candidates' knowledge and understanding of the schooling process and its influences and facilitates candidates' awareness of the foundational underpinnings that shape contemporary educational practices. ***Prerequisite***: Admission to Teacher Education or Post-Baccalaureate Programs.		
CECE 316	Practicum III: Instructing, Connecting and Assessing	2 Credits
This practicum focuses on the instructional process and skills, resources, knowledge and interactions that ensure student learning. Experiences are provided which promote candidates' awareness of the importance of developing and nurturing family relationships to support the teaching/learning process. Candidates are guided to use their specific content knowledge to establish teaching/learning objectives. ***Prerequisite***: Admission to Teacher Education or Educational Studies or Post-Baccalaureate Programs. ***Co-requisites***: CECE 426, CECE 452, CECE 498.		
CECE 415	Methods of Teaching Reading and Writing	3 Credits
Knowledge, skills, and attitudes necessary for effective organization and implementation of the reading program. Candidates learn to promote reading as an informative, rewarding, and essential component of education. The course includes a review of widely used methods in teaching reading and a laboratory experience in which candidates practice instructional strategies. ***Prerequisite***: Admission to the Teacher Education or Post-Baccalaureate Programs.		
CECE 426	Integrated Teaching of Elementary Math and Science	3 Credits
This course uses readings, case studies, instructional technology, and a school-based practicum to help pre-service teachers develop the scientific and mathematical knowledge, skills, and dispositions needed to teach science and mathematics in grades P-5. It examines research and theory in the field of math and science instruction and assessment and emphasizes culturally appropriate methodology in the integration of math and science. ***Prerequisite***: Admission to the Teacher Education or Post-Baccalaureate Programs. ***Co-requisite***: CECE 316		
CECE 452	Integrated Teaching of Social Studies and Language Arts	3 Credits
This course will examine, in depth, the methods used in teaching the integration of Social Studies into the Language Arts in the elementary school from an interdisciplinary, multicultural approach. Instruction in the elements of social studies and language arts, with emphasis on knowledge required for the teaching of content skills and methods in the language arts and social studies programs addressing national and state standards. ***Prerequisite***: Admission to the Teacher Education or Post-Baccalaureate Programs, CECE 300. ***Co-requisite***: CECE 316.		
CECE 498	Developing Family and Community Relationships	3 Credits

The study of current and historical theory and practices in parent education and the impact of connecting with the community. The course reviews parents' and other adults' involvement with schools and covers the role of parent education in the school's curriculum and the theoretical and practical aspects of parental involvement in the educational setting. The course takes an in-depth view of the role that the community plays in shaping the development of children and youth. *Prerequisite*: Admission to the Teacher Education, Educational Studies, or Post-Baccalaureate Programs.

CECO 500	**Advanced Macroeconomic Theory**	**3 Credits**

An advanced treatment of theories of aggregate economic analysis; addresses critical questions such as determination of national income, employment, distribution of income, inflation, and cyclical behavior.

CECO 501	**Advanced Microeconomic Theory**	**3 Credits**

Analyzes the theory of consumer behavior and production and the pricing mechanism in competitive and noncompetitive markets.

CECO 504	**African American Political Economy**	**3 Credits**

Investigates the economic history on African Americans; analyzes historical and contemporary impact of economic policies on African American people.

CECO 505	**Public Finance**	**3 Credits**

Analyzes the effect of government expenditure and taxation on resource allocation, economic stabilization, and income distribution at national, state and local levels.

CECO 509	**Monetary Theory and Policy**	**3 Credits**

Studies monetary and fiscal policies as mechanisms of aggregate demand management; primary considerations involve the level of prices, interest rate, and aggregate money supply. *Prerequisite*: CECO 500, or approval of the faculty.

CECO 510	**Urban Economics**	**3 Credits**

Explores in detail the structure and growth of urban economy and examines the city as part of the national economy; analyzes theories of decision-making which explain the location of businesses and households within and between urban areas.

CECO 511	**Seminar: Topics in Urban Economics**	**3 Credits**

Explores topics such as economic determinants of urban spatial structure, public and private decisions on firms and consumers location choices, and transportation. *Prerequisite*: CECO 510.

CECO 512	**Economic Development**	**3 Credits**

Studies theories of economic development and investigates relevant economic models and analytical tools for analyzing and gaining understanding of development issues; also discusses policies and contemporary problems of developing countries.

CECO 513	**International Economics**	**3 Credits**

An analysis of theories of international trade, balance of payment problems and current issues in commercial policy.

CECO 517	**International and Regional Economic Order**	**3 Credits**

Analyzes global economic and political relations between developed and developing countries. Topics include theories of integration, economic and political cooperation, regional trade and development, and the level of activity within a region. *Prerequisite*: CECO 512, CECO 513, or approval of the faculty.

CECO 518	**Seminar: Topics in Economic Development**	**3 Credits**

Investigates specific issues and approaches to economic development. Analyzes international, regional and county-specific research reports utilizing current theoretical and analytical tools. *Prerequisite*: CECO 512 or CECO 517. **This course requires permission of the advisor and the instructor and may be taken as independent study provided prerequisites are met.**

CECO 520	**Economics for Non-Majors**	3 Credits

Designed to provide students with the fundamental economics background necessary to understand and implement policy. Macro and Micro theories are developed in examining the impacts of markets and government policy on the economy.

CECO 530	**Seminar in Labor Economics**	3 Credits

Discusses formal models of labor demand and supply; investigates wage and labor market discrimination, segmented markets, labor processes, and trade union theories. **This course requires permission of the advisor and the instructor and may be taken as independent study provided prerequisites are met.**

CECO 531	**Seminar: Topics in Labor Economics**	3 Credits

Explores labor-related topics including the theoretical and empirical investigations of equalizing differences in the labor market, investment in human capital, and the problem of imperfect markets. *Prerequisite*: CECO 530. **This course requires permission of the advisor and the instructor and may be taken as independent study provided prerequisites are met.**

CECO 550	**Mathematical Analysis for Economists I**	3 Credits

Develops skills that translate economic and business problems and relationships into mathematical terms.

CECO 555	**Mathematical Analysis for Economists II**	3 Credits

Objective is twofold: 1) to render a systematic exposition of certain basic mathematical methods, and 2) to relate these to various types of economics analysis in such way that the mutual relevance of the two disciplines is exposed. *Prerequisite*: CECO 550.

CECO 570	**Research Methodology**	3 Credits

Explores theories and methods of scientific research in economics and related social sciences. Steps for problem identification, formulation of testable and meaningful hypotheses and empirical techniques of analysis are studied. *Prerequisite*: Approval of the faculty.

CECO 600	**Statistical Analysis for Business and Economists**	3 Credits

(Same as CSB 6510). Studies the use and application of descriptive statistics and statistical inference, including probability, sample survey, and simple linear regression models and violations of the basic assumptions. *Prerequisite*: undergraduate statistics.

CECO 601	**Econometrics I**	3 Credits

Develops concepts and applications of statistical methods to economic and managerial problems, including multiple regression and forecasting, and simultaneous equations. *Prerequisite*: CECO 600, or approval of the faculty.

CECO 602	**Econometrics II**	3 Credits

Studies the construction, estimation and testing of economic models. *Prerequisite*: CECO 601.

CECO 801	**Thesis Research**	3 Credits

Designed to assist students in the development and writing of the thesis.

CECO 805	**Thesis Consultation**	1 Credit

For students who are in the final stage of their thesis writing which requires minimal supervision and assistance.

CEDA 500	**Introduction to Educational Administration & Supervision**	3 Credits

Surveys the field(s) of educational administration and supervision, introduces basic theories and principles of administration and supervision. (Offered in fall)

CEDA 510	**Curriculum Planning for Educational Leaders**	3 Credits

Focuses on the comprehensive curriculum development process and emphasizes leadership skills required for implementation and evaluation of the curriculum. Field-based activities are integral parts of the course. (Offered in spring and summer)

CEDA 520	**Educational Resource Management**	3 Credits

This course provides an overview of the school system business administration. The course helps the student of educational leadership in urban schools to explore and understand the issues of efficiency and equity in educational resources management. (Offered in spring and summer)

CEDA 525	**Technology and Information Systems**	3 Credits

Through this course, students will advance their knowledge of the personal computer and software utilization tailored for management of school data. ***Prerequisite***: Computer Literacy. (Offered in fall and summer)

CEDA 530	**School/Community Relations**	3 Credits

Examines principles and practices for improving diverse school and community relationships with emphasis on the local school site. (Offered in the fall)

CEDA 535	**Educational Policy and the Law**	3 Credits

Provides a comprehensive review of legal structures and foundations of the American public school system. Students will understand the policy context governing the administration of public schools. (Offered in the spring)

CEDA 560	**Practicum for the Master's Degree I**	3 Credits

Provides opportunities at local school sites to synthesize and apply knowledge over two semesters in diverse educational settings. The field experience requires 218 contact hours including scheduled reflective seminars. (Offered in fall, spring, and summer)

CEDA 561	**Practicum for the Master's Degree II**	3 Credits

Provides opportunities at local school sites to synthesize and apply knowledge over two semesters in diverse educational settings. The field experience requires 218 contact hours including scheduled reflective seminars. (Offered in fall, spring, and summer)

CEDA 590	**Educational Tests and Measurements**	3 Credits

This course examines methods used to measure and evaluate student progress and how the information gathered through these processes can be used to inform decisions about students, programs and activities. (Offered in fall and alternate summers)

CEDA 599	**Research for School Improvement**	3 Credits

This course will guide students through basic research skills needed to locate and evaluate educational research and the utilization of their skills to solve problems that arise in the school setting through the application of action research. (Offered in spring and alternate summers)

CEDA 600	**Administration of the Urban School System**	3 Credits

Reviews contemporary administrative and organizational models at the system level in American public schools and considers their impact on urban school policies and practices. (Offered in fall and alternate summers)

CEDA 601	**Strategic Planning for Systemic Reforms**	3 Credits

Introduces students to the concept of systemic school reform and the challenges facing educational change initiatives. Considers methods and issues of planning large school interventions. (Offered in spring and alternate summers)

CEDA 610	**Administration & Supervision of the Instructional Program**	3 Credits

Focuses on teaching/learning process and provides the administrator knowledge, skills and attitudes in supervising the curriculum and instructional program. A primary emphasis is on improvement of instruction in urban schools. Direct

support of teacher, group development, professional development, curriculum development, and action research will be emphasized. (Offered in fall and alternate summers)

CEDA 612	**Student Personnel Administration**	**3 Credits**
Studies student personnel problems in public schools. (Offered in fall and alternate summers)		

CEDA 614	**Staff Personnel Administration**	**3 Credits**
Studies principles and practices needed in recruitment of personnel and maintenance of school personnel programs. (Offered in spring and alternate summers)		

CEDA 620	**Economics of Educational Equity**	**3 Credits**
Provides analysis of pervasive equity issues facing diverse schools. In-depth consideration of economic and financial challenges of ensuring equity for all students. (Offered in fall and alternate summers)		

CEDA 630	**Community Educational Leadership**	**3 Credits**
Introduces students to the theory and practice of community education and the role of education in urban community development. (Offered in spring and alternate summers)		

CEDA 660	**Advanced Practicum I**	**3 Credits**
Provides a variety of field-based experiences for education specialist and doctoral candidates over two semesters in diverse settings at school districts, state education departments or higher education. The field experience requires 300 contact hours including scheduled reflective seminars.		

CEDA 661	**Advanced Practicum II**	**3 Credits**
Provides a variety of field-based experiences for education specialist and doctoral candidates over two semesters in diverse settings at school districts, state education departments or higher education. The field experience requires 300 contact hours including scheduled reflective seminars.		

CEDA 690	**Systematic Educational Evaluation**	**3 Credits**
Evaluates school level organizational units and instructional programs through application of social system model of organization and planning instruments. (Offered in fall and alternate summers)		

CEDA 699	**Research Methods in Organization**	**3 Credits**
Examines methods of researching problems in organizations and develops instruments for measurement of variables in school organizations. (Offered in fall and alternate summers)		

CEDA 709	**Seminar in Strategic Leadership**	**3 Credits**
Utilizing social systems theories, students will examine the issues of systemic change in educational organizations. They will review relevant literature, formulate research questions and design frameworks for interpretation and analysis. (Offered in spring)		

CEDA 719	**Seminar in Instructional Leadership**	**3 Credits**
Students will examine school reform issues from the perspective of curriculum and instructional leadership. They will review relevant literature, formulate research questions and design frameworks for interpretation and analysis. (Offered in fall)		

CEDA 729	**Seminar in Organizational Leadership**	**3 Credits**
Utilizing the perspective of transformational leadership, students will examine organizational decision making and the problems of organizational change. They will review relevant literature, formulate research questions and design frameworks for interpretation and analysis. (Offered in fall)		

CEDA 730	**Politics of Urban Education**	**3 Credits**
Examines effects on educational policies of political behavior at national, state, local and institutional levels with particular focus on implications for diverse schools. (Offered in fall and alternate summers)		

CEDA 735	**Educational Policy Analysis**	3 Credits
Develops a framework for analysis and decision making in education policy, analyzes selected issues of current significance and introduces students to educational policy research methodology. (Offered in spring and alternate summers)		

CEDA 739	**Seminar in Political/Community Leadership**	3 Credits
Analyzes issues of leadership and governance as they relate to the larger political, social and cultural context of urban schools. Students will review relevant literature, formulate research questions, and design frameworks for interpretation and analysis. (Offered in spring)		

CEDA 790	**Quantitative Research Methodology in Education**	3 Credits
Students will learn how to construct a variety of quantitative research designs, identify and use appropriate statistical tools and techniques, analyze, interpret and report research results using narrative, tabular and graphic forms. *Prerequisite*: Computer Literacy. (Offered in fall)		

CEDA 795	**Qualitative Research Methodology in Education**	3 Credits
Assists doctoral students in developing theoretical framework from which qualitative inquiry emerges. Aims, assumptions, methods and strategies of qualitative research are addressed. (Offered in spring)		

CEDA 791	**Directed Research (Elective)**	3 Credits
Develops competencies in designing and developing research proposals. (Offered in fall, spring, summer)		

CEDA 990	**Doctoral Advisement**	1 Credit
Maintains status of students for preparation and writing comprehensive examination and/or prospectus or for making corrections of dissertation after final defense. *Prerequisite*: Approval of the Department Chair. (Offered in fall, spring, and summer)		

CEDA 995	**Dissertation Research**	3 Credits
Provides guidance on research for and writing of the dissertation. *Prerequisites*: Satisfactory completion of all required courses and the comprehensive examination. Minimum six (6) hours required. (Offered in fall, spring, and summer)		

CEDC 262	**Educational Technology**	3 Credits
Candidates gain experience with a variety of computer applications and technological tools used in education. Candidates have hands-on training with applications including word processing, Internet, spreadsheet, database, presentation, and digital technology tools. Significant focus is placed on the development of Web sites and electronic portfolios. This course is designed to satisfy the Georgia Teacher Certification Computer Skills Competency Requirement. *Prerequisite*: Admission to the Post-Baccalaureate Certification Program.		

CEDC 360	**Educational Measurement**	3 Credits
Study of statistical concepts and terminology for education. Students gain knowledge of widely used standardized education tests, such as CAT and ITBS. The course explores test construction, selection, administration, and interpretation of test results to pupils and parents. This course is designed to provide experiences in test taking, analysis, construction, and interpretation of results. *Prerequisite*: Admission to the Teacher Education or Post-Baccalaureate Certification Programs.		

CEDC 501	**Psychology of Early Childhood**	3 Credits
Examines theories of behavior and development in young children.		

CEDC 510	**Earth Systems Science**	3 Credits
The study of earth systems and changes in relation to astronomy, physical geology, meteorology and oceanography. Laboratory and technology experiences are included.		

CEDC 526	**Curricular Integration of Creative Experiences for Young Children**	**3 Credits**

Emphasizes integrating music, movement, creative writing, dramatics, and art into the curriculum.

CEDC 530	**Foundations of Culturally Responsive and Relevant Pedagogical Practices**	**3 Credits**

Explores concepts of culturally responsive and culturally relevant pedagogy and analyzes research and theoretical frameworks upon which the concepts are based. Practices which support these concepts are observed and examined, and activities engaging students in the application of these practices are undertaken in the field.

CEDC 538	**Trends and Issues in Middle and Secondary School Curriculum**	**3 Credits**

This course is designed to explore the past decade of reform and major curricular dilemmas in middle and secondary education; the effects of ethnic and culturally diverse curriculum content on student achievement; and creating new curricular paradigms for high achievement for all developmental levels. Technology resources are used for research and documenting results.

CEDC 551	**Research, Design and Evaluation in Education**	**3 Credits**

The introduction of concepts, ideas, methodology, and issues related to the research process. It will include both qualitative and quantitative research design and the evaluation processes in education.

CEDC 553	**Educational Research Practitioner's Paper**	**3 Credits**

This course is the continuation of CEDC 552 Action Research Seminar. The Action Research Plan developed in CEDC 552 is implemented at the field-school site, analyzed, and a publishable manuscript written. Analysis of the data collected through qualitative/quantitative measures is performed. An Action Research thesis is a requirement for fulfillment of this course.

CEDC 567	**Calculus for Grades 6-12**	**3 Credits**

A comprehensive study of instructional strategies, materials, and modes for teaching/learning limits, differentiation, and integration. The focus is on instructional media and technologies for teaching concepts through real-world applications based on computer and calculator problem-solving platforms.

CEDC 568	**Geometry for Grades 6-12**	**3 Credits**

Involves methods, materials, and technology for teaching Euclidean and Non-Euclidean geometry. ***Prerequisite***: College algebra content knowledge or approval of the Department Chair.

CEDC 569	**Mathematics for Grades 6-12**	**3 Credits**

Involves overall curriculum objectives, structure, and materials for mathematics in secondary schools and colleges; examines standards-based techniques for instruction, assessment and technology for teaching algebra, geometry, calculus, statistics and probability in diverse student environments (100 field hours). ***Prerequisite***: Completion of all mathematics courses in the program or approval of the Department Chair.

CEDC 570	**Science for Grades 6-12**	**3 Credits**

Examines standards-based science secondary- and college-level curriculum. Investigates philosophy, issues and trends in science education. Learning theories and methods are explored, as they relate to science teaching in biology, physics, chemistry and earth systems science. Technology activities and 100 field hours are included.

CEDC 571	**Physics for Grades 6-12**	**3 Credits**

Focuses on the physics of real solids, liquids, surfaces, and classical mechanics. Laboratory experiences are included.

CEDC 572	**Chemistry for Grades 6-12**	**3 Credits**

Study of chemistry concepts, theories and principles at an advanced level. Laboratory and technology activities are included.

CEDC 573	**Biology for Grades 6-12**	**3 Credits**

Study of biological theories, principles and concepts at the advanced level; molecules and cells, heredity and evolution, organisms and populations. Laboratory, multimedia and other technology activities are included.

CEDC 595	**Internship: Early Childhood Education**	**9 Credits**

Provides cooperative guidance and supervision by University and local educational agency personnel for students as they assume the responsibilities of instructor in an educational setting (16-week field experience: 8-weeks each in two of the following grades levels: P-K, 1-3, or 4-5). *Prerequisites*: All coursework and the GACE content examinations #001 and #002.

CEDC 597	**Internship - Grades 6-12**	**6-9 Credits**

Provides cooperative guidance and supervision by University and local educational agency personnel for students as they assume the responsibilities of instructor in an educational setting (16-week field experience: 8-weeks each in the following two grades levels: 6-8 and 9-12).

CEDC 598	**Independent Study**	**1- 3 Credits**

Directs student inquiry into theoretical and practical interests of students; contractual arrangement with the instructor. *Prerequisite*: Permission of the instructor.

CEDF 550	**History of Urban Education**	**3 Credits**

Through the disciplinary lens of history, the course reviews the major forces that have shaped, and continue to shape, the modern school system in the United States. Particular focus will be directed at the urban setting. (Offered in fall and summer)

CEDF 553	**Schooling and the Urban Community**	**3 Credits**

This course seeks to cultivate and then encourage the utilization of a sociological lens to examine our urban societies, our communities and our schools. (Offered in spring and summer)

CEDF 654	**Education and Urban Development**	**3 Credits**

Explores the social context of urban education, the development and expansion of concentrated poverty in central city schools, and the research on the relationship between poverty and educational performance. Students study coordinated services for children and families and models for institutional collaboration.

CEDS 425	**Introduction to Exceptional Education**	**3 Credits**

This course is designed to introduce students to the characteristics and education of individuals with disabilities.

CEDS 576	**Cultural Diversity**	**3 Credits**

Focuses on issues pertinent to cultural diversity such as race, ethnicity, gender, and religion and the ramifications of diversity for education.

CEDS 578	**Behavior Management**	**3 Credits**

Studies treatment of behavior problems related to adjustment and instructional management of children and youth in home, school, and community settings.

CEDS 579	**Psycho-Educational Evaluation**	**3 Credits**

Examines issues (non-biased assessment, reliability, validity, etc.) related to the assessment of individuals with disabilities. Students will also conduct assessments of students with learning difficulties.

CEDS 580	**Psychology of Exceptional Children**	**3 Credits**

This is the graduate level introductory course for Special Education. Focuses upon the child with a disability as an individual in relation to how the environment, family, school, peers, culture and society adapt to meet that child's needs. Special emphasis will be given to educational needs and modifications as they relate to characteristics, development, and education of individuals with disabilities.

CEDS 585	**Developmental Problems in Speech and Language**	**3 Credits**

Studies the nature and causes of deviations from normal speech and language development. Provides instruction and demonstration in area of speech and language instruction for children and youth with disabilities.

CEDS 591	**Nature, and Needs of Students with Mild Disabilities**	**3 Credits**

Provides an in-depth examination of characteristics, similarities, and differences among children with mild disabilities. *Prerequisites*: Approval of the Department Chair.

CEDS 592	**Methods, Materials and Curriculum for Students with Mild Disabilities**	**3 Credits**

Helps educators develop skills in developing and implementing a variety of teaching strategies for individuals and groups exhibiting academic problems. *Prerequisites*: Approval of the Department Chair.

CEDS 593	**Practicum for Special Education-General Curriculum (160 clock hours, 8-week field experience)**	**3 Credits**

Supervised practicum in P-K in school settings with children with mild disabilities. *Prerequisites*: Approval of the Department Chair. Students must register for their area of concentration plus weekly seminar CEDS 606; see Department Handbook.

CEDS 594	**Internship for Special Education General Curriculum (400-clock hours, 10-week field experience)**	**3 Credits**

Supervised internship in a school setting with children with mild disabilities. *Prerequisites*: CEDS 579, CEDS 580, CEDS 592 and CEDS 593. Students must register for their area of concentration plus weekly seminar CEDS 606; See Department Handbook.

CEDS 600	**Curriculum for Exceptional Children**	**3 Credits**

Experiences in evaluating curriculum for individuals with mild disabilities, with an emphasis on examining effective teaching strategies and materials for use in the inclusive classroom.

CEDS 605	**Diagnostic Reading for Teaching Reading**	**3 Credits**

Principles, strategies, causes and methods of teaching and diagnosis of reading problems/difficulties for individuals with disabilities (P-12). Provides a balance between inclusive theories and practices in the school setting. This course satisfies the Georgia special requirements in reading. *Prerequisites*: Approval of the Department Chair.

CEDS 606	**Seminar for All Students Enrolled in Practicum and Internship**	**0 Credits**

Students discuss issues, trends and challenges related to teaching individuals with disabilities. Emphasis is placed on the application and comparison of theory with actual field experiences at various levels. Course examines selected topics in exceptional education to compare theory with actual field experiences.

CEDS 642	**Career Development for Exceptional Children and Youth**	**3 Credits**

Studies career programs and transitional issues for individuals with disabilities. Examines and utilizes specific career and vocational assessment techniques with individuals and groups. Examines tests for assessing job and career preferences of students with disabilities related to IDEA, ADA, transition to adulthood, and collaboration.

CEDS 643	**Counseling Families of Exceptional Children and Youth**	**3 Credits**

Examines collaborative counseling role of special educators and the techniques for facilitating intellectual, emotional and social growth of individuals with disabilities.

CEDS 677	**Independent Study**	**1 or 3 Credits**

Independent research under the direction of an advisor; advanced registration only with the approval of the Department Chair in an identified course of study. Course may be repeated only twice.

CEDS 698	**Legislative and Legal Aspects in Exceptional Education**	**3 Credits**

Examines legislation, federal regulations, constitutional law, and litigation which impact the lives of individuals with disabilities.

CENG 502	**Methods of Research**	**3 Credits**

Lectures and exercises in research in literature and language with an emphasis on the preliminary steps that lead to writing successful theses and dissertation: proposals, abstracts, outlines, bibliographic essays/reviews, and theses/dissertation problems. This course is required of all graduate students in English during first semester.

CENG 510	**Early American Literature**	**3 Credits**

This course covers mainly English language texts of British North American from the mid-seventeenth, eighteenth, and nineteenth centuries. It includes literature of exploration and conquest, Puritan sermons, colonial historical narrative and literature of settlement, Puritan poetry, Native American voices, slave narrative, poetry of the early national period, and drama and fiction of the Early Republic.

CENG 511	**American Poetry and Poetics**	**3 Credits**

This course will trace the history of American poetry through the twentieth century emphasizing three different ways of looking at the poetry of the period—through the poetics of the vernacular, the orchestral, and the experimental.

CENG 512	**American Renaissance**	**3 Credits**

Studies in the rise of a distinctively American literature and aesthetic, with emphasis on the period between 1835 and 1865, studying authors such as Ralph Waldo Emerson, Henry David Thoreau, Herman Melville, James Fennimore Cooper, Harriet Beecher Stowe, Nathaniel Hawthorne, Edgar Allan Poe. Theory of the period will be an important part of the course.

CENG 513	**American Realism and Naturalism**	**3 Credits**

Studies late-nineteenth and early-twentieth century American literature categorized as realism and naturalism, works that reflect the "camera-eye" vision and the "under side" look at life. It includes authors such as Rebecca Harding Davis, Henry James, Chesnutt, Dreiser, Crane, Frank Norris, Mark Twain, and Pauline Hopkins. Historical context will be an important part of the course.

CENG 514	**The American Novel**	**3 Credits**

This course explores the development of the novel in America from the late-eighteenth century to around 1965. It includes the study of different types of novels, with a special emphasis on the modernist works, and explores how they shaped, and were shaped by, the social, cultural, and historical forces characterizing the literary periods associated with them.

CENG 515	**Contemporary American Literature**	**3 Credits**

This course examines a selection of contemporary American fiction from 1965 to the present in historic, aesthetic, social, and cultural contexts. Authors include Kurt Vonnegut, Don DeLillo, Ishmael Reed, Tom Wolf, Norman Mailer, Toni Morrison, Louise Erdrich, Maxine Hong Kingston, and others.

CENG 516	**Modern American Drama**	**3 Credits**

This course studies 19th- and 20th-century (including contemporary) plays written by American playwrights. Representative dramatists from each literary-historical period and a range of dramatic styles will be covered—with an emphasis on modern drama.

CENG 520	**Ideas and Forms in African American Literature**	**3 Credits**

This course surveys African American literature from both conceptual and historical perspectives in an effort to determine the extent to which the literature is uniquely African American. Studies in major poets and their poetry from the beginning through present—excluding the Harlem Renaissance—within their cultural, historical, and literary contexts.

CENG 521	**African American Poetry**	**3 Credits**

Studies in major poets and their poetry from the beginning through present, excluding the Harlem Renaissance, within their cultural, historical, and literary contexts.

CENG 522	**African American Novel**	**3 Credits**

This course explores the African American novel within each novel's social, cultural, and literary milieu, from the early Clotel, or the President's Daughter, to the contemporary, such as Morrison's Paradise.

CENG 523	**Poetry of the Harlem Renaissance**	3 Credits

Includes studies in major--and some minor--black poets, poetry and poetics, and critics from the period 1919-1934; the course also considers relevant white poets and critics of the era. Poets under study will vary somewhat depending on the semester taught.

CENG 524	**African American Folklore**	3 Credits

A study of the principal characteristics of African and African American folklore with specific emphasis on folk literature and the oral tradition.

CENG 530	**The African Novel**	3 Credits

A study of modern African novels written in English with attention to their social contexts. Authors/novels will vary.

CENG 531	**African Poetry in English**	3 Credits

Studies in major poets from West, East, and Southern Africa. Authors and works will vary.

CENG 532	**African Cultural Traditions**	3 Credits

The course studies and analyzes the concepts of the black worldview and culture; it includes readings of African American, African, and other Eastern aesthetics.

CENG 533	**Caribbean Short Fiction and Novel**	3 Credits

This course explores both commonalities and differences identified in short and long fiction by anglophone, francophone, and Spanish-speaking Caribbean writers, features that underscore the Pan-Caribbean scope of the writers' defining experiences.

CENG 534	**Caribbean Poetry**	3 Credits

Using a group of select Caribbean poets, this course explores literature and history through the examination of recurrent themes of resistance and oppression in Caribbean poetry.

CENG 535	**Commonwealth Literature**	3 Credits

The study of selected literatures written in English by writers from British Commonwealth countries, such as South Africa, Nigeria, Australia, Canada, India, Malaysia, New Zealand, Pakistan, Singapore, and the West Indies.

CENG 540	**Early English Novel**	3 Credits

This course studies in the development of the novel from the beginning to Jane Austen. Critical reading of selected works of the following authors will be a part of the study: Aphra Behn, Daniel Defoe, Samuel Richardson, Henry Fielding, Laurence Sterne, and Frances Burney, among others.

CENG 541	**Later English Novel**	3 Credits

This course is a study of the development of the novel from 1820 through World War I. It includes critical readings of selected works.

CENG 542	**Contemporary English Literature**	3 Credits

Studies in the British novel and short fiction from World War I through post-modernism. The study includes critical reading of selected works.

CENG 543	**Victorian Poetry**	3 Credits

This course focuses on the major Victorian poets and their works; among the authors are Arnold, Tennyson, Barrett-Browning, Browning, Gabriel Dante Rossetti, Christina Rossetti, Swinburne, and Hopkins and some minor poets. Historical context and recent criticism will be a part of the study. Some attention will be paid to the great thinkers of the day including Carlyle, Mill, and Ruskin.

CENG 544	**Shakespeare I: The Early Plays**	3 Credits

This course covers critical reading of the dramatic works of Shakespeare to about 1600. This course locates the dramatic achievement of the first half of Shakespeare's works in the context of the theatrical, literary, social, and political world in which he lived.

CENG 545	**Shakespeare II: The Later Plays**	3 Credits

This course examines plays from the second half of Shakespeare's dramatic career, primarily a selection of his major tragedies and his later comedies.

CENG 546	**Modern British Drama**	3 Credits

This course focuses on post-World War II major British and Irish playwrights and their works, including such authors as Samuel Beckett, Simon Bent, David Kane, and Tom Stoppard.

CENG 547	**Renaissance Literature**	3 Credits

The course focuses on major writers and their works, including poetry, essays, and drama. Among the authors included in the course are Wyatt, Howard, Sidney, Spenser, Marlow, Shakespeare, Campion, Donne, Jonson, Bacon, Herrick, Marvell, and Milton along with lesser known authors, especially females.

CENG 548	**The Enlightenment**	3 Credits

A study of the literary trends of the seventeenth and eighteenth centuries. The study includes British authors such as Hobbes, Locke, Dryden, Swift, Pope, Johnson, and others. The French influence, by way of Descartes, Voltaire, and others, is also a part of the study.

CENG 549	**Literature of the Romantics**	3 Credits

Study of the literature of the English Romantic period and its Continental underpinnings. The course also compares English Romantic writing to American Romantic literature.

CENG 560	**Special Topics in Writing**	3 Credits

This course emphasizes audience awareness, effective design and organization, clarity and correctness, and mastery of writing forms frequently encountered in the workplace.
  • Creative Writing: This course will vary, focusing on fiction, poetry, drama, and creative non-fiction alternately.
  • Technical Writing: This is a course in analysis and writing of business and technical documents.
Course content varies and may be repeated for credit.

CENG 570	**Special Topics in Literature**	3 Credits

Study in special topics in literature, including multiethnic/cultural, film, technology and literature, or more particularized studies of authors/literature in the four areas of doctoral studies: African American, American, British, African/Caribbean. Content Varies. Course may be repeated for credit.

CENG 580	**Directed Research**	3 Credits

This course is focused on methods of writing and research that will lead to producing publishable works.

CENG 581	**History of the English Language**	3 Credits

This course covers the study of the nature and function of language; the development of English sounds, forms and syntax; modern English grammar, vocabulary, and American speech.

CENG 590	**Contemporary Africana Women's Fiction**	3 Credits

Examines the fiction by women throughout the African Diaspora with a focus on the roles and status of the women in the societies represented in the novels.

CENG 591	**Caribbean Women Writers: Genre**	3 Credits

Examines the writing of women of the English, French, and Spanish speaking Caribbean. Some knowledge of French and/or Spanish could be useful. Genres (fiction, poetry, and drama) may vary each term the course is taught.

CENG 592	**Ethnic American Women Writers**	**3 Credits**

Studies the writing of women of various American ethnic groups—Latina, Native American, Asian, etc. Some attention will be given to white female authors who focus on writing ethnic American literature.

CENG 593	**Southern Women Writers**	**3 Credits**

Studies the works of women writers of the United States South with a focus on themes of culture, race, gender, class, and heritage.

CENG 601	**Thesis Consultation**	**1 Credit**

CENG 602	**Methods of Research**	**3 Credits**

Advance level lectures and exercises in research in literature and language with an emphasis on the preliminary steps that lead to writing successful theses and dissertation: proposals, abstracts, outlines, bibliographic essays/reviews, and theses/dissertation problems. This course is required of all graduate students in English (first semester).

CENG 605	**Thesis Research**	**3 Credits**

CENG 610	**Early American Literature**	**3 Credits**

Advance level course covers mainly English language texts of British North American from the mid-seventeenth, eighteenth, and nineteenth centuries. It includes literature of exploration and conquest, Puritan sermons, colonial historical narrative and literature of settlement, Puritan poetry, Native American voices, slave narrative, poetry of the early national period, and drama and fiction of the Early Republic.

CENG 611	**American Poetry and Poetics**	**3 Credits**

Advance level course will trace the history of American poetry through the twentieth century emphasizing three different ways of looking at the poetry of the period—through the poetics of the vernacular, the orchestral, and the experimental.

CENG 612	**American Renaissance**	**3 Credits**

Advance level course studies in the rise of a distinctively American literature and aesthetic, with emphasis on the period between 1835 and 1865, studying authors such as Ralph Waldo Emerson, Henry David Thoreau, Herman Melville, James Fennimore Cooper, Harriet Beecher Stowe, Nathaniel Hawthorne, Edgar Allan Poe. Theory of the period will be an important part of the course.

CENG 613	**American Realism & Naturalism**	**3 Credits**

Advance level course studies late-nineteenth and early-twentieth century American literature categorized as realism and naturalism, works that reflect the "camera-eye" vision and the "under side" look at life. It includes authors such as Rebecca Harding Davis, Henry James, Chesnutt, Dreiser, Crane, Frank Norris, Mark Twain, and Pauline Hopkins. Historical context will be important in the course.

CENG 614	**The American Novel**	**3 Credits**

Advance level explores the development of the novel in America from the late-eighteenth century to 1965. It includes the study of different types of novels, with a special emphasis on the modernist works, and explores how they shaped, and were shaped by, the social, cultural, and historical forces characterizing the literary periods associated with them.

CENG 615	**Contemporary American Literature**	**3 Credits**

Advance level course examines a selection of contemporary American fiction from 1965 to the present in historic, aesthetic, social, and cultural contexts. Authors include Kurt Vonnegut, Don DeLillo, Ishmael Reed, Tom Wolf, Norman Mailer, Toni Morrison, Louise Erdrich, Maxine Hong Kingston, and others.

CENG 616	**Modern American Drama**	**3 Credits**

Advance level course studies 19th- and 20th-century (including contemporary) plays written by American playwrights. Representative dramatists from each literary-historical period and a range of dramatic styles will be covered—with an emphasis on modern drama.

CENG 620	Ideas and Forms in African American Literature	3 Credits
This advance level course surveys African American literature from both conceptual and historical perspectives in an effort to determine the extent to which the literature is uniquely African American.		
CENG 621	African American Poetry	3 Credits
Advance level course studies in major poets and their poetry from the beginning through present, excluding the Harlem Renaissance, within their cultural, historical, and literary contexts.		
CENG 622	African American Novel	3 Credits
This advance level course explores the African American novel within each novel's social, cultural, and literary milieu, from the early Clotel, or the President's Daughter, to the contemporary, such as Morrison's Paradise.		
CENG 623	Poetry of the Harlem Renaissance	3 Credits
Advance level course includes studies in major--and some minor--black poets, poetry and poetics, and critics from the period 1919-1934; the course also considers relevant white poets and critics of the era. Poets under study will vary somewhat depending on the semester taught.		
CENG 624	African American Folklore	3 Credits
Advance level study of the principal characteristics of African and African American folklore with specific emphasis on folk literature and the oral tradition.		
CENG 630	The African Novel	3 Credits
Advance level study of modern African novels written in English with attention to their social contexts. Authors/novels will vary.		
CENG 631	African Poetry in English	3 Credits
Advance level studies in major poets from West, East, and Southern Africa. Authors and works will vary.		
CENG 632	African Cultural Traditions	3 Credits
Advance level course studies and analyzes the concepts of the black worldview and culture; it includes readings of African American, African, and other Eastern aesthetics.		
CENG 633	Caribbean Short Fiction and Novel	3 Credits
Advance level course explores both commonalities and differences identified in short and long fiction by Anglophone, francophone, and Spanish-speaking Caribbean writers, features that underscore the Pan-Caribbean scope of the writers' defining experiences.		
CENG 634	Caribbean Poetry	3 Credits
Using a group of select Caribbean poets, this advance level course explores literature and history through the examination of recurrent themes of resistance and oppression in Caribbean poetry.		
CENG 635	Commonwealth Literature	3 Credits
Advance level study of selected literatures written in English by writers from British Commonwealth countries, such as South Africa, Nigeria, Australia, Canada, India, Malaysia, New Zealand, Pakistan, Singapore, and the West Indies.		
CENG 640	Early English Novel	3 Credits
Advance level course studies in the development of the novel from the beginning to Jane Austen. Critical reading of selected works of the following authors will be a part of the study: Aphra Behn, Daniel Defoe, Samuel Richardson, Henry Fielding, Laurence Sterne, and Frances Burney, among others.		
CENG 641	Later English Novel	3 Credits
This advance level course is a study of the development of the novel from 1820 through World War I. It includes critical readings of selected works.		

CENG 642	**Contemporary English Literature**	3 Credits

Advance level course studies in the British novel and short fiction from World War I through post-modernism. The study includes critical reading of selected works.

CENG 643	**Victorian Poetry**	3 Credits

This advance level course focuses on the more important works by major poets, critics, and autobiographers. Historical context and recent criticism will be a part of the study. Among the authors included: Carlyle, Mill, Ruskin, Arnold, Tennyson, Barrett-Browning, Browning, Gabriel Dante Rossetti, Christina Rossetti, Swinburne, and Hopkins.

CENG 644	**Shakespeare I: The Early Plays**	3 Credits

This advance level course covers critical reading of the dramatic works of Shakespeare to about 1600. This course locates the dramatic achievement of the first half of Shakespeare's works in the context of the theatrical, literary, social, and political world in which he lived.

CENG 645	**Shakespeare II: The Later Plays**	3 Credits

This advance level course examines plays from the second half of Shakespeare's dramatic career, primarily a selection of his major tragedies and his later comedies.

CENG 646	**Modern British Drama**	3 Credits

This advance level course focuses on post-World War II major British and Irish playwrights and their works, including such authors as Samuel Beckett, Simon Bent, David Kane, and Tom Stoppard.

CENG 647	**Renaissance Literature**	3 Credits

This advance level course focuses on major writers and their works, including poetry, essays, and drama. Among the authors included in the course are Wyatt, Howard, Sidney, Spenser, Marlow, Shakespeare, Campion, Donne, Jonson, Bacon, Herrick, Marvell, and Milton along with lesser known authors, especially females.

CENG 648	**The Enlightenment**	3 Credits

Advance level study of the literary trends of the seventeenth and eighteenth centuries. The study includes British authors such as Hobbes, Locke, Dryden, Swift, Pope, Johnson, and others. The French influence, by way of Descartes, Voltaire, and others, is also a part of the study.

CENG 649	**Literature of the Romantics**	3 Credits

Advance level study of the literature of the English Romantic period and its Continental underpinnings. The course also compares English Romantic writing to American Romantic literature.

CENG 660	**Special Topics in Writing**	3 Credits

This advance level course emphasizes audience awareness, effective design and organization, clarity and correctness, and mastery of writing forms frequently encountered in the workplace.
- Creative Writing: This course will vary, focusing on fiction, poetry, drama, and creative non-fiction alternately.
- Technical Writing: This is a course in analysis and writing of business and technical documents.
Course content varies and may be repeated for credit.

CENG 670	**Special Topics in Literature**	3 Credits

Advance level study in special topics in literature, including multiethnic/cultural, film, technology and literature, or more particularized studies of authors/literature in the four areas of doctoral studies: African American, American, British, African/Caribbean. Content Varies. Course may be repeated for credit.

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Advance level course examines the writing of women of the English, French, and Spanish speaking Caribbean. Some knowledge of French and/or Spanish could be useful. Genres (fiction, poetry, and drama) may vary each term the course is taught.

CENG 692	**Ethnic American Women Writers**	3 Credits

Advance level course studies the writing of women of various American ethnic groups—Latina, Native American, Asian, etc. Some attention will be given to white female authors who focus on writing ethnic American literature.

CENG 693	**Southern Women Writers**	3 Credits

Advance level course studies the works of women writers of the United States South with a focus on themes of culture, race, gender, class, and heritage.

CENG 752	**Major Authors**	3 Credits

A focused study on (a) preeminent author/s writing in English that emphasizes the uniqueness and impact of the writer/s on the literary environment and traditions of the milieu.

CENG801	**Dissertation Consultation**	1 Credit

CENG 805	**Dissertation Research**	3 Credits each

CFRE 056/506	**French for Graduate Students**	3 Credits

Designed to prepare graduate students for developing the foreign language reading and translation skills necessary for easy comprehension of scholarly articles in their subject area. The class meets three hours weekly for one semester (may be audited for 0 credits under CFRE 056). One does not need any prior knowledge of French to be enrolled in this course.

CFRE 509	**Directed Readings in French I**	3 Credits

In-depth study and investigation of a particular period or writer of interest to an individual student. The supervising instructor in consultation with the department chairperson must approve all special study projects in advance. This course may be repeated.

CFRE 510	**Directed Readings in French II**	3 Credits

In-depth study and investigation of a particular period or writer of interest to an individual student. The supervising instructor in consultation with the department chairperson must approve all special study projects in advance. This course may be repeated.

CFRE 511	**French Phonetics and Pronunciation**	3 Credits

Study of French phonetics, pronunciation and intonation with intensive practice in reading and speaking, and the perfecting of a genuine French diction through the aid of phonetic transcription and authentic French videos and audio texts.

CFRE 513	**Advanced French Grammar and Composition**	3 Credits

Acquisition of fundamental grammatical principles of French and the most difficult idiomatic and literary expressions of the language, along with extensive oral and written compositions.

CFRE 514	**Advanced French Prose**	3 Credits

Designed to sharpen the student's sensitivity to stylistic nuances in literary texts, this course complements CFRE 513 by placing emphasis on grammatical structure and stylistics within the framework of literary analysis and criticism.

CFRE 515	**French Civilization to 1789**	**3 Credits**
Study of French civilization from its origins through the Revolution of 1789. Special emphasis will be placed on the feudal society, the Renaissance period and the "siècle de Louis XIV," starting with the absolute monarchy and the development of new ideas. Course includes an extensive audiovisual component. Students should be able to work independently on the Internet.		

CFRE 516	**French Civilization to the Present**	**3 Credits**
Study of French civilization from the Consulate to the present with major emphasis on current political, social and cultural institutions. Course includes an extensive audiovisual component. Students should be able to work independently on the Internet.		

CFRE 517	**French Poetry**	**3 Credits**
Emphasizes the development of poetic schools from the Middle Ages through the twentieth century.		

CFRE 518	**French Prose**	**3 Credits**
Traces the development of novelistic trends from Chrétien de Troyes through the "nouveau roman."		

CFRE 519	**French Drama**	**3 Credits**
Studies of the development and evolution of the French theatre in France from the medieval period through the present.		

CFRE 559/560	**Methods of Teaching Modern Foreign Languages**	**3-6 Credits**
Intensive study of the most recently developed methods and techniques of foreign language instruction.		

CFRE 615	**Francophone Colonial Civilization**	**3 Credits**
Exploration of Creole cultures of Haiti, Martinique, Guadeloupe, French Guiana, Reunion, and Mauritius, and acculturation in former French West Africa and French Equatorial Africa, along with the impact on European French culture of contact with the peoples indigenous to or imported into these areas.		

CFRE 637	**Francophone Literature I**	**3 Credits**
Historical survey of the literature and literary productions of Haiti, Martinique, Guadeloupe, French Guiana, and Francophone Africa.		

CFRE 638	**Francophone Literature II**	**3 Credits**
Historical survey of the literature and literary productions of Haiti, Martinique, Guadeloupe, French Guiana, and Francophone Africa.		

CFRE 640	**Seminar in Comparative Black Literature**	**3 Credits**
Selected research problems comparing and contrasting traditions in Francophone, Afro-Hispanic and African American literature.		

CFRE 650	**French Linguistics**	**3 Credits**
An in-depth appreciation of the nature, function and structure of the French language—sounds, vocabulary, syntax—based on selected readings, lectures and discussions.		

CFRE 716	**Comparative Romance Culture and Civilization**	**3 Credits**
Comparative study of Romance societies from their origins to the present with major emphasis on political, social and cultural institutions. This study will also include points of convergence from linguistic and cultural perspectives.		

CFRE 717	**Romantic to Modern Poetry**	**3-6 Credits**

This course will treat the development of poetic trends, movements and philosophies in France in the nineteenth and twentieth centuries. Particular attention will be paid to Victor Hugo.

CFRE 718	**Modern Prose**	**3 Credits**

This is an in-depth study of the nineteenth and twentieth century novel. The choice of novelists will vary according to the desire of the instructor. Students should expect to read voluminous works of both centuries, and be prepared to critique articles written about the works.

CFRE 719	**Classical to Modern Drama**	**3 Credits**

This is a serious study of the French theatre from 1550 to the present. Students should expect to read several plays per week, and be prepared to identify the stylistic nuances of the various literary movements as they relate to this genre.

CFRE 761	**French Seminar I**	**3-6 Credits**

The examination, documentation, resolving and presentation of research problems in a specific field.

CFRE 762	**French Seminar II**	**3-6 Credits**

The examination, documentation, resolving and presentation of research problems in a specific field.

CFRE 801	**Thesis Consultation**	**1 Credit**
CFRE 802	**Dissertation Consultation**	**1 Credit**
CFRE 805	**Thesis Research**	**6 Credits**
CFRE 806	**Dissertation Research**	**6 Credits**
CHED 600	**Administration and Governance of Higher Education**	**3 credits**

This course explores models of governance in higher education, their relative efficiency and the factors that might explain their adoption by particular institutions. The course will provide an overview of some of the demographic, social, legal, financial and planning issues and forces, and examine how they affect the way colleges and universities are governed. Academic and administrative Unit governance within higher education will be explored, as well as the policy implications as it relates to the college governance.

CHED 610	**History of American Higher Education**	**3 Credits**

This course introduces students to the major historical events in the system of American higher education, including the customs, values and traditions that affect students, faculty, administrators and other stakeholders. In addition, the course examines the philosophical mission and purpose of American colleges and universities, and emerging trends and practices that help to shape and define institutional issues and policies, and other distinctive features.

CHED 620	**Community College Leadership and Practice**	**3 Credits**

The course explores the structure, theory and governance of the community college and its relationship to four-year colleges and universities. Students will have the opportunity to diagnose organizational needs, identify challenges, and produce effective solutions by creating a community services project or program on paper.

CHED 630	**Strategic Planning**	**3 credits**

This course introduces students to the concept of systemic institutional reform and challenges facing educational change initiatives. It, also, considers methods and issues of planning macro and long-range interventions.

CHED 640	**University Teaching and Learning, Theory and Practice**	**3 Credits**

This course engage students in a variety of assignments, both individually and as a group, to systematically plan for a university course which effectively and efficiently enhanced student learning and meaningful engagement Students will review student learning theories and styles, and how to teach a diversity of learners.

CHED 650	**Student Affairs and Academic Services**	3 Credits

This course examines the purpose, organization, roles and functions of student affairs and its relationship to the academic community. Students will explore the historical and philosophical influences and organizational structures that have guided the evolution of higher education and the student affairs profession. The methods by which institutions admit, register, enroll, and manage students through their matriculation to graduation will be discussed. Students will explore the support services provided to assist students through their matriculation and assess the effectiveness of a host of support services for academically diverse students. The course will focus on practitioner skills and research strategies.

CHED 660	**Human Resources Administration**	3 Credits

This course introduces students to the principles and practices needed in recruitment, evaluation, retention, promotion and removal of personnel and maintenance of staff personnel programs. Other key oversight work functions include workforce development, benefits and compensation, and employee relations are reviewed and analyzed. This course looks into the challenge of workforce and workplace diversity as well as best practices and future trends in human resource administration within higher education.

CHED 670	**Law and Ethics in Higher Education**	3 Credits

This course provides an analysis of pervasive finance-based equity issues facing higher education institutions particularly HBCUs and provides an in depth consideration of economic and financial challenges of ensuring equity for all students.

CHED 680	**Social Justice and Diversity in Higher Education**	3 Credits

This course prepares students to examine the social fabric of the higher education system through the lens of social justice, diversity, and equity. The focus rests on the role and responsibilities, challenges, and opportunities of higher education administrators for creating and sustaining a truly inclusive campus community of learners.

CHED 690	**Program Assessment and Evaluation**	3 Credits

This course evaluates organizational units and instructional programs in higher education through application of social systems models of organization and assessment instruments.

CHED 699	**Research Methods**	3 Credits

This course examines methods of researching problems in organizations and develops instruments for measurement of variables in educational organizations.

CHED 700	**Organization Leadership and Theory**	3 Credits

This course examines the relationship of environment, institutional culture and organizational goals. Students will be able to use leadership and systems theories as tools to analyze organizational behavior and the relationship of organizational behavior to faculty productivity and student achievement.

CHED 710	**Managing Political Conflict in Higher Education**	3 Credits

This course examines political challenges and discusses alternative solutions of the many competing political web of interest groups at national, state, and institutional levels and the resulting implications for primary stakeholders, such as faculty, students, administrators, donors/investors, and employers in higher education.

CHED 720	**Higher Education Policy Development and Analysis**	3 Credits

This course examines critically the development of the most important federal and state policies, legislation and practices impacting public and private colleges and universities in the United States.

CHED 730	**International Higher Education**	3 Credits

This course explores the internationalization and globalization of higher education from a comparative perspective. Topics include the role and dynamics of higher education globally, and the similarities and differences in development, access, finance, admission, structure, curriculum, student affairs and academic services internationally.

CHED 740	**Leading Change to Develop and Empower Communities**	3 Credits

This seminar course explores how American colleges and universities have developed and maintained many types of relationships with political and community collaborations, both public and private, and how each presents numerous opportunities and challenges to develop and empower communities. Students will examine the socio-political history, purpose, and complexity of these partnerships.

CHED 750	**Law and Ethics in Higher Education**	3 Credits

This course examines the legal and ethical principles that guide the administration of higher education, including but not limited to the social, political, economic, and educational environments in which colleges and universities function. The focus will be on the historical, contemporary, and emerging legal and ethical issues directly impacting administrators, faculty, staff, and students in American colleges and universities. Special attention will be given to understanding constitutional, statutory, and contract law with application to issues including, but not limited to institutional and personal liability, torts, academic freedom, FERPA regulations, dispute resolution, discrimination, employment issues, the ADA, freedom of expression, Title IX, among other issues.

CHED 760	**Principles of College Student Recruitment and Retention**	3 Credits

This course examines best practices for recruitment and retention of college students, including those students at risk. Topics include recruitment and retention practices, support programs for first-generation college students, and students with disabilities, proactive advising methods and intervention strategies, transition services, and community outreach. Students will be responsible for identifying strategies employed by community colleges to recruit, retain and sustain students in the academic setting, such as summer bridge programs, first-year seminars, and early warning programs.

CHED 770	**Faculty Issues in American Colleges and Universities**	3 Credits

This course examines the roles of college and university faculty, including how their work may differ based on the type of institution in which they work, how faculty roles and responsibilities have changed over time, focusing in particular on the origin and purpose of the tenure system and recent trends toward the use of non-tenure line contract faculty in colleges and universities.

CHED 780	**Student Development and Learning**	3 Credits

This course examines the development and learning theories, past and present, which help to increase our awareness of the growing and changing nature of college students. Students will explore how these theories can help predict student behaviors and attitudes of students, in an effort to address better student needs and encourage student success. Students will be taught to deconstruct these models and epistemologies, in an effort to gain clarity "of the how and why" institutions do what they do, and why the changing student demographics demand a closer look. In addition, the roles and responsibilities of faculty and other student support professionals will be emphasized, and major issues will be explored, while students develop strategies, based on their new perspectives, to address them.

CHED 790	**Quantitative Research Methodology**	3 Credits

This course will guide students through basic quantitative research skills needed to define problems in terms of variables to be measured, and the utilization of quantitative designs to collect and analyze and interpret data on the selected variables.

CHED 791	**Directed Research Elective**	3 Credits

This course is designed for students who are at the stage in their planned program of conceptualizing their dissertation prospectus and, thus, need guidance from a designated faculty member to reach this milestone. The goal is to complete the prospectus for approval by the dissertation committee to be presented to the faculty.

CHED 795	**Qualitative Research Methodology**	3 Credits

This course is designed to provide a practical introduction to the qualitative research and its application in education and social sciences. Students completing this course should have an understanding of the basic philosophical assumptions of qualitative research, key differences between qualitative and quantitative research, and how these assumptions influence research questions, data collection, data analysis, verification, and the use of theory and literature Additionally, within a qualitative framework, students will learn about five Approaches of qualitative inquiry: narrative, case study, ethnography, grounded theory, and phenomenology. The course, also, will address ethical issues related to conducting qualitative research studies, the role of the researcher, and strategies for reporting and evaluating qualitative findings.

CHED 990	**Doctoral Advisement**	1 Credit

Maintains status of students for preparation and writing comprehensive examination and/or prospectus or for making corrections of dissertation after final defense. ***Prerequisite***: Approval of the Department Chair. (Offered in fall, spring, and summer)

CHED 995	**Dissertation Research I: Prospectus Defense**	3 Credits
This course is designed for students who have completed requisite course work, other required research tools, and passed the doctoral comprehensive examinations to develop a dissertation prospectus under the guidance of a dissertation committee for presentation to the faculty of the department for review and action.		

CHED 995	**Dissertation Research II: Dissertation Defense**	3 Credits
This course is designed for students who need additional work on the prospectus or whose prospectus has, and thus have been approved to conduct the research phase of the dissertation. During this phase the student is guided by the dissertation committee that determines when the student is prepared to defend the dissertation.		

CHIS 550	**United States History and Law to 1877**	3 Credits
Examines the history and structures of the United States from 1870 to the present.		

CHIS 551	**U.S. Constitutional History and the Laws since 1877**	3 Credits
Examines the history and legal structures of the United States from 1870 to the present.		

CHIS 563	**The African American in the United States to 1877**	3 Credits
Study of the social, economic, political and cultural development of African Americans during this period.		

CHIS 564	**The African American in the United States since 1877**	3 Credits
Examines ideological trends, key personalities and events that have characterized the African American experience since Reconstruction.		

CHIS 565	**African American History for High School Teachers**	3 Credits
Surveys history of African Americans, explores classroom problems, and assesses teacher-student bibliographic material. This course is offered on demand.		

CHIS 566	**Contemporary African American History**	3 Credits
Reading and research seminar exploring selected aspects of post-World War II developments among African Americans.		

CHIS 574	**Post-Industrial America**	3 credits
Examination of the evolution of American society after World War II.		

CHIS 575	**Intellectual and Cultural History of the United States**	3 Credits
Study of selected aspects of American thought and cultural development with attention to changing racial ideologies.		

CHIS 576	**Social and Economic History of the United States**	3 Credits
Survey of significant social and economic trends and problems with emphasis on the treatment of black people in urban centers.		

CHIS 602	**Black Metropolis**	3 Credits
Reading seminar concerned with the movement of black people to urban centers.		

CHIS 603	Seminar in African-American History: The Antebellum Period to 1877	3 Credits
Research seminar on selected pre-Civil War aspects of African American history.		

CHIS 604	Seminar in African-American History: Post-Civil War Period	3 Credits
Research seminar on selected post-Civil War aspects of African American development.		

CHIS 605	Independent Study	1-3 Credits
Designed to give students under the supervision of the instructor an opportunity to pursue in-depth areas not covered in seminars or classes. This course is offered on demand.		

CHIS 606	The Black Woman in American History	3 Credits
Research seminar analyzing the role of women in the historical development of the United States with emphasis upon black women.		

CHIS 607	Community, Family, and Oral History	3 Credits
Seminar emphasizing approaches to study and research in oral history using the community and family as points of entry.		

CHIS 680	History of Africa to 1800	3 Credits
Saharan Africa before 1800 with emphasis on the diversity of ethnic groups and the changing nature of pre-colonial African societies.		

CHIS 681	History of Africa since 1800	3 Credits
Examines the social, political and economic development of Sub-Saharan Africa from 1850 to the present with special emphasis on a range of contemporary issues and themes.		

CHIS 682	Seminar in African History	3 Credits
Explores in-depth selected aspects of African history from earliest times to the present.		

CHIS 685	Christianity and Colonialism in Africa	3 Credits
This course examines the historical development of Christianity in sub-Saharan Africa during the colonial era, emphasizing Church and State objectives, life in mission communities, mission education and westernized elites, the rise of independent African religious movements, and the interplay of Christianity and African nationalism.		

CHIS 691	Thesis Consultation	1 Credit

CHIS 695	Thesis Research	3 Credits

CHIS 767	The Modern Civil Rights Movement	3 Credits
Examines the social contexts, underlying themes, personal motivations, shifting geographies, central groups, and widespread involvement in the move for African American social justice from the 1890s to the 1960s.		

CHIS 777	The Atlantic World	3 Credits
Explores the geographies of the African Diaspora, focusing on movement of peoples between and through continents from predating the African Slave Trade of the 1600 and 1700s to current migrations.		

CHIS 789	United States History Post 1945	3 Credits
Course focusing on contemporary history of the United States. Brings study of African American social movements, economic and political trends and popular culture to the 21st century.		

CHIS 795	**Advanced Historiography and Methodology**	**3 Credits**
Designed to train master's students in methods of research, thesis writing and historiography.		

CHIS 780/781/ 782/783	**History Internship I, II, III, IV**	**3 Credits**
A variety of programs are available that provide a planned, supervised, and practical experience outside the classroom. Typically, students engage in research, museum, library, or archival work for a public agency or a private not-for-profit organization. Approval of the Department Chair is required for academic credit.		

CHIS 801	**Dissertation Consultation**	**1 Credit**

CHIS 805	**Dissertation Research**	**6 credits**

CHIS 895	**Advanced Graduate Course in Historiography and Methodology**	**3 Credits**
Designed to train doctoral students in advanced methods of research, thesis writing, and historiography.		

CHUM 875	**Humanistic Inquiry**	**3 Credits**
Introduces fundamental concepts and methods of humanities studies and research generally and those which are basic to various disciplines in humanities including language, arts, literary criticism, and historiography.		

CHUM 876	**The Person in History and Literature**	**3 Credits**
Examines the concept of "person" as a reflection of the ontological, ethical, and political premises of various cultures and epochs, and how concepts of personhood are embedded in historical and literary texts.		

CHUM 877	**Literature and Popular Culture**	**3 Credits**
Addresses fundamental questions about the nature of contemporary culture by examining the structures, myths and genres of contemporary popular culture.		

CHUM 878	**Ideas and Exemplars**	**3 Credits**
Investigates the contexts and processes in which seminal ideas are created in a particular ethos, and their exemplars as well as the principles determining their transformation in subsequent epochs and in cultural diffusions.		

CHUM 879	**Interdisciplinary Seminar: Ethics and Social Philosophy**	**3 Credits**
Addresses issues such as pedagogical ethics, administrative ethics, and encourages students to make ethical choices in various scenarios, including choices that enhance social responsibility.		

CHUM 880	**Special Topics: Contemporary Issues in Humanities**	**3 Credits**
Explores contemporary issues and new disciplinary trends in the humanities.		

CHUM 881	**Teaching and the Humanities**	**3 Credits**
Examines various pedagogical theories and approaches in the humanities and explores strategies for developing teaching philosophies, course designs, and classroom management and policies.		

CHUM 882	**Internship in Teaching**	**3 Credits**
Entails practical classroom experience in applying the pedagogical principles, research, and methods studied in CHUM 881. *Prerequisite*: CHUM 881.		

CHUM 883	**Science and the Humanities**	**3 Credits**
Explores the nexus between science and the humanities and what science can offer the humanities.		

CHUM 885	**Digital Humanities**	**3 Credits**

Explores the emerging methodologies for using the electronic media in humanistic study as well as electronic publishing in humanities.

CHUM 886	**Directed Research**	**3 Credits**

Allows students to conduct individual research or participate in study abroad research under the guidance of a faculty.

CHUM 888	**A Review of the Humanities**	**3 Credits**

Provides a comprehensive examination of the major issues, controversies, ideas, concepts and methods of humanities.

CHUM 891	**Research Methods**	**3 Credits**

Considers qualitative and quantitative approaches to conducting research as practiced in the humanities, including broad discussions of issues of causality, validity, reliability, and the ethics of human research. The course also emphasizes current research methods in humanities.

CHUM 892	**Research Design**	**3 Credits**

Develops the skills necessary to design and write a research project, develop and submit grant applications, fellowship applications, and a dissertation prospectus. Additional emphasis is directed on writing as a competent researcher.

CHUM 901	**Dissertation Consultation**	**1-3 Credits**

CHUM 905	**Dissertation Research**	**1-3 Credits**

CMAT 501	**Calculus and Linear Algebra**	**3 Credits**

This is a course for non-mathematics majors who are deficient in the tools of calculus and linear algebra.

CMAT 521	**Real Analysis I**	**3 Credits**

The course discusses limits of functions, sequences, continuity, differentiation, The Riemann Integral, sequences and series of functions, Theory of Lebesgue measure and integration.

CMAT 522	**Real Analysis II**	**3 Credits**

This course is a continuation of CMAT 521. An expanded discussion of the Theory of Lebesgue measure and integration, Banach and Hilbert spaces, product measure and product integration.

CMAT 523	**Complex Variables I**	**3 Credits**

The course focuses on the theory and applications of functions of a complex variable; topics include analytic functions, contour integration, harmonic functions, conformal mapping and analytic continuation.

CMAT 524	**Complex Variables II**	**3 Credits**

This course is a continuation of CMAT 523. An expanded discussion of the theory and applications of functions of a complex variable is covered.

CMAT 525	**Algebra I**	**3 Credits**

Using abstract algebra, the course covers the basic theory of groups, Sylow theorems, rings, integral domains, fields and modules; advanced topics include Galois theory and category theory.

CMAT 526	**Algebra II**	**3 Credits**

This course is a continuation of CMAT 525. An expanded discussion of groups, rings, integral domains, fields and modules, Galois theory and category theory is covered.

CMAT 527	**Topology I**	3 Credits

The course includes the study of topological concepts including metric and topological spaces, continuity, connectedness, completeness, compactness and product spaces.

CMAT 528	**Topology II**	3 Credits

This course is a continuation of CMAT 527. An expanded discussion of topological concepts including metric and topological spaces, continuity, connectedness, completeness, compactness and product spaces are covered.

CMAT 541	**Principles of Applied Mathematics I**	3 Credits

The course includes the study of various techniques of applied mathematics including Green's functions, string vibration, integral and differential operators in Hilbert spaces, spectral analysis and Laplace transform.

CMAT 542	**Principles of Applied Mathematics II**	3 Credits

This course is a continuation of CMAT 541. An expanded discussion of various techniques of applied mathematics including Green's functions, string vibration, integral and differential operators in Hilbert spaces, spectral analysis and Laplace transform is covered.

CMAT 601	**Probability Theory and Stochastic Processes I**	3 Credits

The course focuses on probability theory including central limit theorem and ergodic theory. Also included is study of stationary processes, independent increment processes and Gaussian processes.

CMAT 602	**Probability Theory and Stochastic Processes II**	3 Credits

This course is continuation of CMAT 601. An expanded discussion of probability theory, ergodic theory, stationary processes, independent increment processes and Gaussian processes is covered.

CMAT 605	**Partial Differential Equations**	3 Credits

The course is a study of techniques for solving partial differential equations, including distributions, Sobolev spaces and Hilbert space methods.

CMAT 607	**Introduction to Numerical Methods**	3 Credits

The course includes a study of numerical algorithms for the solution of algebraic, differential and integral equations including error analysis.

CMAT 608	**Advanced Numerical Methods**	3 Credits

The course includes a study of advanced techniques of numerical analysis including finite difference and finite element approximations for elliptic and parabolic equations. Also included are various functional analytic techniques.

CMAT 609	**Introduction to Control Theory**	3 Credits

The course focuses on control theory including the calculus of variations, Hamilton-Jacobi theory and Pontryagin's maximum principle; topics include stochastic control depending on interest.

CMAT 610	**Foundations of Mathematics**	3 Credits

Students study basic concepts and ideas in the philosophy and foundations of mathematical sciences, topics varying with the needs of students.

CMAT 611	**Mathematical Logic**	3 Credits

Study of Boolean algebraic and logic concepts with applications to circuit design and theorem proving.

CMAT 612	**Theory of Sets**	3 Credits

The course topics include the descriptive theory of sets and functions, the cartesian product, relations, counting, transfinite arithmetic, well ordered sets and cardinal numbers, and the equivalence of the axiom of choice, the well-ordering theorem and Zorn's Lemma.

CMAT 615	**Nonlinear Optimization I**	3 Credits

Analytical and numerical treatment of finite dimensional nonlinear programming; Computational aspects of constrained extremum problems; current developments.

CMAT 616	**Nonlinear Optimization II**	3 Credits

This is a continuation of CMAT 615. An expanded discussion of analytical and numerical treatment of finite dimensional nonlinear programming and computational aspects of constrained extremum problems is covered.

CMAT 628	**Functional Analysis**	3 Credits

Linear Spaces, Normed Spaces, Banach Spaces, Hahn-Banach theorem, open-mapping theorem, closed-graph theorem, strong and weak convergence.

CMAT 639	**Differential Equations**	3 Credits

Advanced coverage of Ordinary differential equations; topics varying with interest of the instructor.

CMAT 643	**Operations Research I**	3 Credits

Techniques for analytical formulation of decision problems, including linear programming, convex programming, dynamic programming, queuing models, replacement models, and stochastic processes.

CMAT 644	**Operations Research II**	3 Credits

This course is a continuation of CMAT 643. An expanded discussion of techniques for analytical formulation of decision problems is covered.

CMAT 651	**Topics in Mathematics**	3 Credits

Study of topics of current interest in the Department of Mathematical Sciences. Students will complete and present a research-based project on a selected issue in the field of mathematics.

CMAT 675	**Thesis Seminar I**	3 Credits

Students develop a research topic leading to the completion of a graduate thesis.

CMAT 676	**Thesis Seminar II**	3 Credits

Students develop a research topic leading to the completion of a graduate thesis.

CPAD 501	**Public Administration: Survey of the Field**	3 Credits

This is the introductory course in public administration designed to provide students with a broad overview of the field of Public Administration, both as an academic discipline and as a profession. It examines the context in which public administration occurs and its relationship to the social and political environment in which it exists. Students will be exposed to the various functions involved in administration of public policy and how to apply practical solutions to the problem faced in its implementation.

CPAD 502	**Organizational Theory and Bureaucratic Behaviors**	3 Credits

This course focuses on the structure, process and role of individuals in organizations emphasizing how and why these components have to be coordinated to efficiently and effectively attain organizational goals and objectives. It defines and examines concepts, models, paradigms and theories in the field of organization theory as the basis for understanding internal and external organizational dynamics.

CPAD 503	**Research Methods**	3 Credits

This course is designed to provide students with an opportunity to study and apply both qualitative and quantitative research methods. This course teaches students the skills needed for problem analysis and critical inquire. While focusing on descriptive research, other research designs and various data gathering techniques are examined. Additionally, the identification of research issues/problems, the determination of appropriate research approaches for exploring the issues/problems identified, the formulation of relevant data analysis procedure and techniques, and the presentation of research results are examined.

CPAD 504	**Research Data Analysis**	3 Credits

This course provides an understanding of quantitative as well as qualitative techniques for analyzing research data on public programs and administrative problems. Explores the relevancy of quantitative and qualitative analysis to problems administrators face in public agencies. Students will learn to make appropriate use of applied research in decision making and will utilize computer programming in support of statistical analysis.

CPAD 505	**Economics for Public Administrators**	3 Credits

This course is designed to provide public administrators with the fundamental economic background necessary to understand and implement public policy. Macroeconomic and microeconomic theories are used to develop tools that are useful applications.

CPAD 506	**Public Budgeting and Finance**	3 Credits

This course includes an overview of the political and legal institutions in the budgetary process. The various contexts of public budgets, including political and economic, are explored. Additionally, students examine the executive and legislative foci on public budgeting. Budgetary analytical processes, operating budgets, capital budgets, and revenue systems are explained to provide students with the ability to plan, develop, and implement budgets in public sector agencies.

CPAD 507	**Formulation of Public Policy**	3 Credits

This course is designed primarily to acquaint students with the public policy making process in the United States. The goal is to enable students to identify, explain and understand the structure, sources and processes of public policy making, and, to attempt to use models developed by policy analysts and experts to analyze government policies and programs. Particular emphasis will be placed on the socio-economic and political variables that impact upon the policy making processes and on the utility of theoretical knowledge and research in the formulation, implementation and evaluation of public policies in the United States.

CPAD 508	**Human Resources Management**	3 Credits

The focus of this course is upon developing a full understanding of the nature of the working relationship which exists between management and the worker within a productive environment. This type of environment, one where emphasis is placed on creating a work situation which is mutually beneficial to both parties, is the primary focus of the human resource function in public and private organizations. This course provides an overview of the historical nature of human resources management in the public sector, explores legal and constitutional structures, and develops recommendations for establishing and maintaining constructive relationships between these two competing groups.

CPAD 509	**State and Local Government Finance**	3 Credits

This course covers the many aspects of financial management: the need for accurate forecasting, accounting reporting, the players and pressures of the budget cycle; the importance of local revenue sources; the need for sound management of debt, cash, inventory, purchasing and risk. Trends and issues that have emerged in state and local financial management also will be explored. Students study the impacts of the last decade of the twentieth century: national and local efforts to foster accountability for performance in government; the effects of privatization and service contracting on local finance; the effects of a slowed economy on revenue sources, property valuation, interest rates, and service delivery; local government involvement in economic development; globalization of the local economy, and other economic and demographic patterns in metropolitan areas. This course focuses on management principles and practices while outlining the financial and economic context within which financial management takes place.

CPAD 510	**Program Design, Implementation and Evaluation**	3 Credits

This course introduces students to the importance of program design, implementation and evaluation in the field of public administration. It highlights essential steps and issues involved in the design of effective public programs and underscore the need to conduct good evaluation for these programs. In addition, the course examines how social science knowledge can enhance the design and evaluation of public programs.

CPAD 511	**Applied Urban Management**	3 Credits

The course will expose the students to the complex problems of managing urban America in the 21st century. Specific emphasis will be placed on the political environment of urban places with their diverse populations configured in dimensions of race, class and economic disparities. The overall goal of the course is to have the students gather general knowledge of urban America and acquire skills that may be applied in managing urban units of government.

CPAD 512	**Internship**	3 Credits

All pre-service students are required to complete an approved internship. The length of the internship must be a minimum of twelve (12) weeks and 480 hours of on-site work. The purpose of the internship is to provide students with practical hands on experience related to their areas of concentration. This experience should be in a position which provides students with entry-level administrative responsibilities and under the direct supervision of a person in the organization who has mid to executive level responsibility. Students participating in their internships are counseled on various aspects of practical administration. Discussions also focus on the identification of problems which will be used in the students final Exit Paper. Students are required to prepare a portfolio and submit a critical analysis of one of the required textbooks. See program advisor and internship coordinator for further guidelines.

CPAD 513	**Independent Study**	3 Credits

This course is provided for students requesting special instruction in an approved concentration. Students are given required reading lists for analysis and discussion with the assigned faculty. Students also complete case study analysis and a major research paper on a topic that has prior approval of the faculty. The student learning outcomes reflect those of the specific course for which the independent study is undertaken, e.g., CPAD 521, Principles of community and Economic Development.

CPAD 514	**Public Management I**	3 Credits

This course is designed to broaden the students' knowledge of the scope and character of managing in the public sector. In addition to exploring the traditional functions and behavior of public managers, this course will place emphasis on the politics of public management. Issues related to ethical behavior in public management will also be explored. Considerable attention will be given to current approaches to improve the management of public organizations.

CPAD 515	**Comparative Administration**	3 Credits

Comparative public administration is the systematic study of public administration, policy and management from a cross-national perspective. It introduces students to a wide range of administrative systems with an emphasis on third world public bureaucracies. Selected administrative systems will be used in the study of comparative administration.

CPAD 516	**Fundamentals of Social Policy**	3 Credits

The course is designed to define and understand basic concepts in the field of social policy to understand the philosophical justification for American social policies. To examine competing theories developed to analyze social policy. To identify, discuss and review the literature on social policies. To analyze specific policies for context and relevance to society. To discuss ethical questions associated with the implementation of social policies.

CPAD 517	**Labor Management Relations**	3 Credits

This is an introductory course designed to enhance the knowledge of students in the area of labor management relations and collective bargaining. The primary objectives of this course are to introduce students to the terminology, historical context and current trends in the area of labor management relations as they relates to both the public and private sectors. Due to the legal environment and political context in which the public sector operates it is important to distinguish the differences between the management of labor relations in the public versus the private sector. Finally, this course will allow students to gain hands on experience in resolving labor management issues by examining relevant case studies and participating in various role play simulations.

CPAD 518	**Strategic Human Resources Management Planning**	3 Credits

This course gives the student a practical overview of strategic human resources practices as tools for management in today's knowledge-based organization. The organization's need to link the accomplishment of its strategic mission to human resource activities is explored. Emphasis is placed on using individual HR functions for achieving an organization's mission and purpose. Human resources techniques and functions are addressed from the perspective of their ability to provide value-added assistance to achieving goals of the organization.

CPAD 519	Development Management and Administration	3 Credits

This course provides a foundation for the study and practice of development administration emphasizing issues of societal change and development, administrative systems, processes, problems and techniques used mainly by developing countries to promote development.

CPAD 521	Principles of Community and Economic Development	3 Credits

This course is designed to introduce students to concepts, theories and methods developed in the study of community and economic development. The role of the nonprofit organization, policy formation and the empowerment of citizens will be discussed.

CPAD 524	Seminar Contemporary Problems in Urban Management	3 Credits

This seminar is designed to explore through reading, discussion and research the characteristics, issues, and problems of managing and governing urban areas.

CPAD 525	Seminar in Public Policy	3 Credits

This course is primarily intended for students whose concentration or area of interest is in public policy. It is designed to acquaint them with the most up-to-date literature in the field and to emphasize the philosophical, theoretical and practical basis and evolutionary trends of this field of study. The goal is to develop in these students the ability to critically analyze and evaluate the assumptions, theories, research methodology and application of public policies.

CPAD 526	Seminar in International Administration and Development Management	3 Credits

This course reviews the literature in the area of International Development Administration for the purposes of identifying the unifying themes in this subject area. The student will critically evaluate prevailing theories, notions and orientations of development in order to understand and develop new approaches to development administration.

CPAD 528	Seminar: Human Resources Management	3 Credits

This is the capstone course for the Human Resources concentration and is designed to provide students with the opportunity to focus on the role that human resources management plays in organizational goal attainment. Through assigned readings, in-class discussions, and out of class exercises, students will explore the concept of human capital as an organizational asset requiring investment and development. Particular attention will be focused on the use of benchmarking in developing strategic human resources management policies and practices and aligning them with the organization's mission, goals and objectives.

CPAD 531	Seminar: Contemporary Problems in Community and Economic Development	3 Credits

The U.S. Economic Development Agency describes economic development as "fundamentally about enhancing the factors or productive capacity-land, capital, and technology of a national, state or local economy." In this course, the "community" in community and economic development (CED) activities comprises residents of a geographic neighborhood or multi-neighborhood area, no matter how they relate to one another. The challenges that are presented in the quest to improve productive capacity, and therefore economic status and quality of life, are numerous and varied. At the heart, often lie business management knowledge and skills and the availability and access to adequate start-up or productivity improvement funding. While the private sector can play an important role in encouraging economic growth through venture capital and other investments, the public sector plays an important role in developing tools and providing resources to generate employment and improved productivity. This course will address strategies and issues in CED, including policy alternatives at different levels of government, such as small business assistance, community-level technology-based development, as well as a range of financing mechanisms.

CPHY 501	Classical Mechanics	3 Credits

Dynamics of particles and rigid bodies; the Lagrangian and Hamiltonian formulation; Poisson brackets, Hamilton-Jacobi Theory, classical scattering theory, theory of small oscillation.

CPHY 503	Electrodynamics	3 Credits

Maxwell's equations and applications; electrostatics, dielectrics, magnetostatics, scalar and vector potentials; conservation laws; multiple moments and multiple radiation; dispersion; special relativity.

CPHY 504	**Modern Optics**	3 Credits

Concepts of Modern Optics starting with Maxwell's equations including topics such as reflection and refraction, wave propagation in anisotropic media diffraction, interference, lasers, holography, and the theory of optical wave-guides. *Prerequisite*: CPHY 503, Electrodynamics.

CPHY 515	**Quantum Mechanics I**	3 Credits

Non-relativisitic quantum mechanics; representation of dynamical variables as operators or matrices; theory of angular momentum; motion in a centrally symmetric field; perturbation theory; identical particles and spin; theory of classic collisions; semi-classical treatment of radiation.

CPHY 516	**Quantum Mechanics II**	3 Credits

Relativistic quantum mechanics; many particle systems; perturbation theory; Fermions and Bosons, Hartree-Fock method; quantum game theory; density-functional theory.

CPHY 520	**Thermodynamics and Statistical Mechanics**	3 Credits

Review of first law, second law, and third law of thermodynamics; irreversible processes; microcanonical, canonical and grand canonical ensembles; the density matrix; Bose and Fermi systems. Kinetic theory and the Boltzmann transport equation.

CPHY 531	**Mathematical Methods I**	3 Credits each

Vector analysis, orthogonal curvilinear coordinates; the calculus of variations; functions of a complex variable; ordinary and partial differential equations, hypergeometric functions; orthogonal functions; integral transform methods; Green's functions and integral equations.

CPHY 532	**Mathematical Methods II**	3 Credits

Generalized periodic functions; Sturm-Louisville Theory; the operational calculus; approximations to eigenfunctions and eigenvalues; Schrödinger type equations.

CPHY 540	**Solid State Physics**	3 Credits

Brillouin zone treatment of metals, semiconductors and insulators; approximation methods of determining properties of real solids; comparison between theory and experiment for selected solid state phenomena.

CPHY 545	**Atomic and Nuclear Physics**	3 Credits

Quantum theory of atomic and nuclear processes. Hartee-Fock approximation, fine and hyperfine structure, atomic collision; nucleon-nucleon potentials and scattering, shell and collective models, correlation in nuclear matter.

CPHY 550	**Physics of Fluids**	3 Credits

Basic processes in liquids, gases, magneto-fluids and plasmas; Navier-Stokes equation, non-Newtonian fluids, compressible and incompressible flow, shock structure, kinetic theory, classical transport, turbulence.

CPHY 565	**Physics of Surfaces**	3 Credits

Fundamentals of physical methods for studying the structures, compose vibrational and electronic properties of solid surfaces, including the verification of principles in laboratory experiments.

CPHY 570	**Radiation Physics**	3 Credits

Radioactivity, interaction of electromagnetic radiation with matter, radiation quantities and units; x-rays, gamma rays, neutron activation, interaction of charged particles with matter, stopping power, range-energy relations, counting statistics shielding, dosimetry, waste disposal, critical prevention, radiation biology and ecology.

CPHY 585	**Applied Quantum Mechanics I**	3 Credits

Application of quantum mechanical principles to the solution of selected problems in atomic, molecular, nuclear and solid-state physics. *Prerequisites*: CPHY 515, CPHY 516.

CPHY 586	**Applied Quantum Mechanics II**	**3 Credits**

Application of quantum mechanical principles to the solution of selected problems in atomic, molecular, nuclear and solid-state physics. ***Prerequisites***: CPHY 515, CPHY 516.

CPHY 601	**Departmental Seminar I**	**0 Credit**

Required of all graduate students in the Department.

CPHY 602	**Departmental Seminar II**	**0 Credit**

Required of all graduate students in the Department.

CPHY 603	**Thesis Research**	**1-6 Credits**

Designed to assist students in the development, research, and writing of the thesis research project including research project consultation.

CPHY 604	**Non-Thesis Research**	**1-6 Credits**

Designed for students who are in the final stage of non-thesis research project writing, which requires minimal supervision and assistance. Includes non-thesis research project consultation.

CPHY 605	**Optical Fiber Measurements I**	**3 Credits**

Introduction to the hands-on experience needed to master the basic concepts and laboratory techniques of optical fiber technology; includes a wide range of applications in both optical communications and sensors, using both multimode and single-mode fibers.

CPHY 606	**Modern Optical Measurements II**	**3 Credits**

Continuation of Optical Fiber Measurements I with emphasis on more complex measurements and calibration on topics such as polarization-maintaining fibers, communication sources and detectors and communication systems.

CPHY 607	**Advanced Optics**	**3 Credits**

Surveys topics in advanced optics such as electromagnetic wave scattering and propagation in unperturbed, perturbed and nonlinear dieletric media. ***Prerequisite***: CPHY 504.

CPHY 610	**Philosophy of Science**	**3 Credits**

Treatment of ontological, epistemological, and methodological presuppositions underlying physical theory and experiment; problems of demarcation, verification and evolution of scientific knowledge; social implications of scientific research.

CPHY 615	**Special Topics in Physics**	**3 Credits**

Special topics of current interest such as general relativity, quantum field theory, scattering theory, elementary particle theory, astrophysics, etc.

CPHY 620	**Introduction to Atmospheric Sciences**	**3 Credits**

Dynamics of atmospheric processes; spectroscopy of atomic and molecular species; photodynamics and photokinetics of photochemical processes; instrumental techniques, including infrared, atomic emissions, and atomic absorption.

CPSC 500	**Departmental Seminar**	**0 Credit**

A weekly meeting of all members of the Department set aside for exchange of ideas among the participants; guest lecturers are frequently invited. Required of all majors.

CPSC 502	**Government and Business**	**3 Credits**

Critical analysis of the relationship between group pressures on government and public policy affecting business; role of administration in formation of policy problems, and experiences of federal agencies operating in business fields.

CPSC 503	**Public Opinion and Propaganda**	**3 Credits**

A study to identify and explain public opinion; to describe how and why people react in social situations, and to consider the role of public opinion and propaganda in contemporary society.

CPSC 504	**Techniques of Political Control**	**3 Credits**

Examination of the tools used by power holders to control society, with special attention to the condition of African Americans in the United States.

CPSC 505	**Political Parties**	**3 credits**

Explores the types, the nature and the different structures of political parties in America and abroad; theories about political parties are also explored.

CPSC 506	**Black Political Parties**	**3 Credits**

The rise and development of separate black political entities examined historically and contemporarily; attention is focused on types of black parties and the rationale for their organization and development.

CPSC 507	**Politics of Rural United States**	**3 Credits**

Analysis of political trends and movements in rural America.

CPSC 508	**Seminar in Southern Politics**	**3 Credits**

Examination of Southern politics in state, nation, and the international arena; the approach is systematic and comprehensive, with focus on blacks in the region.

CPSC 509	**The United States Presidency**	**3 Credits**

Analysis of the powers and organization of the U.S. presidency, with attention to power-gathering, domination of the legislative branch, and manipulation of the people.

CPSC 510	**The Congressional Process**	**3 Credits**

Analysis of the U.S. Congress, especially the internal structure, power uses, pressure politics, executive relations, constituency relations and intra-Congress conflicts.

CPSC 511	**American Federalism**	**3 Credits**

Survey of the origins, institutions and operation of federalism in the United States; the nature of this structure and its consequences are examined in relationship to minorities.

CPSC 512	**Black City Politics**	**3 Credits**

Comparative assessment of the impact of the ascendancy of black elected officials in specified American cities; analyses of the mechanics which brought blacks to power, problems blacks experience in exercising power, and impact of black leadership on the delivery and quality of city services.

CPSC 513	**American Political Process**	**3 Credits**

Analysis of factors, institutions and actors in the American political arena; study of access to various structures and political organizations from the view of all groups within a pluralistic society.

CPSC 514	**Seminar in Judicial Process**	**3 Credits**

Studies of court systems at each level, jury process, substantive judicial issues, with emphasis on the role of African-American participants.

CPSC 515	**Legislative Process**	**3 Credits**

Examination of theories, roles, structures, committee systems, procedures and politics of legislatures, and of the involvement of interest groups, executive, bureaucracy, and judiciary in the legislative process.

CPSC 516	**Seminar/Internship on the Georgia Assembly**	3 Credits
During the annual legislative sessions, students serve as interns and participant-observers of the Georgia legislature; research papers required.		

CPSC 517	**Women in Politics Seminar**	3 Credits
Survey of the role of women as political activists and office holders on the international, national and local levels, with emphasis on the participation of minority women in U.S. politics.		

CPSC 518	**Seminar in Urban Problems**	3 Credits
A rotating topic seminar involving in-depth exploration of problems common to major urban centers; topic will be announced each semester.		

CPSC 519	**Urban Politics**	3 Credits
Survey of dilemmas, limitations and potentialities of urban political activity in America exposes students to various approaches to the study of urban politics and assessment of impact of blacks upon political activity of contemporary urban centers.		

CPSC 520	**Politics of Public Finance**	3 Credits
Basic concepts and modes of government financing, especially those of local government, with attention to implications for units of government under black political authority.		

CPSC 522	**Urban Political Movements**	3 Credits
Examination of political organizations seeking to create basic changes in public policy of various urban centers and review of goals, strategies and methods of these organizations and their impact upon the urban landscape.		

CPSC 523	**Atlanta City Politics**	3 Credits
Survey of the political system in Atlanta with focus on resources, strategies and tactics of black and white actors in shaping Atlanta's politics, programs and developing political institutions.		

CPSC 525	**Political Demography and Urban Change**	3 Credits
Analysis of impact of population shifts and other demographic factors upon urban change; special emphasis upon black migration patterns and resulting public policy.		

CPSC 526	**Approaches to the Study of Urban Politics**	3 Credits
Examination and critique of various conceptual schemes as tools for analyzing urban political development and review of major theoretical works purporting to explain urban political phenomena.		

CPSC 529	**Comparative Political Systems**	3 Credits
Survey of political structures, institutions, ideologies, interest groups and governmental systems; analysis of decision-making processes, political conflicts and change, and group interaction; examination of models of political systems.		

CPSC 530	**Government and Politics of Latin America**	3 Credits
Examination of Latin American political institutions and political forces, with special attention to role of the military and the church and the legacy of European and U.S. exploitation.		

CPSC 531	**Politics in Developing States**	3 Credits
Examination of political processes in developing countries; problems arising in transition from traditional societies to modern industrial states examined to describe typical patterns of political change.		

CPSC 532	**Political Institutions of China**	3 Credits
Examination of contemporary politics in the People's Republic of China pre-1949 political history, socialist goals and Chinese society, structure and function of political institutions and organizations.		

CPSC 533	**Chinese Foreign Policy**	3 Credits
Analysis of Chinese capabilities, intentions and strategies in world affairs since 1949; examination of institutions in foreign policy making and implementation; use of instruments of foreign policy in achieving Chinese goals.		

CPSC 534	**Comparative European Government**	3 Credits
Cross-national analysis of political institutions and political behavior in Eastern and Western European nations.		

CPSC 535	**The Politics of Revolutionary Change**	3 Credits
Analysis of ideas which generate fundamental change, leadership and movements which organize change and examination of their successes and/or failures.		

CPSC 536	**Comparative Political Parties**	3 Credits
Examination of selected party systems, including single and multiparty systems, Marxist and non-Marxist systems, and systems in industrial and nonindustrial states.		

CPSC 537	**Government and Politics of the Caribbean**	3 Credits
Examination of political processes in Caribbean states with special emphasis on political problems arising in transition from colonial status to independence.		

CPSC 538	**Seminar on Asian Politics**	3 Credits
Survey of political processes within and interrelationships between major nations of Asia; focus on China, India, and Japan.		

CPSC 539	**Third-World Women and Development**	3 Credits
History, status and role of Third-World women in development, governmental policies and practices toward women as well as movements and activities of Third-World women examined.		

CPSC 540	**The Politics of the Multinational Corporation**	3 Credits
Study of impact of MNCs on the international system and national politics and economics, particularly in the Third-World; special emphasis on the issue of development, dependency, sovereignty and control.		

CPSC 541	**Politics and Education**	3 Credits
Examination of role of education in creation and maintenance of a political culture and role of politics in the creation and philosophy of education structures; the relationship between political education and political participation.		

CPSC 542	**Seminar on Comparative Politics**	3 Credits
Designed for advanced students concentrating in Comparative Politics; focus on readings and research on selected topics and problems in comparative politics.		

CPSC 543	**Political Theory**	3 Credits
In-depth analysis of major schools of thought in the field of political theory from the classical period to the present.		

CPSC 548	**U.S. Constitutional Law**	3 Credits
Study of the law of the United States Constitution through an analysis of federal court cases, Supreme Court cases, and other primary and secondary material.		

CPSC 550	The Judicial Process	3 Credits
Introduction to the function of the judicial process in the U.S. political system with special attention to the politics of the judicial process.		

CPSC 551	The Constitution and Civil Liberties	3 Credits
Study of the judicial protection of rights and liberties under the Bill of Rights and the Thirteenth, Fourteenth and Fifteenth Amendments.		

CPSC 552	Seminar in U.S. Government and Politics	3 Credits
Explores contemporary issues and problems in American government and politics.		

CPSC 553	Blacks and the American Political System	3 Credits
Assessment of the position of blacks in the political system of the United States, with special attention to alternative political strategies for the present political epoch.		

CPSC 554	State and Local Politics	3 Credits
Examination of state and local political institutions; tools of political participation thoroughly analyzed; entrance of blacks into state and local politics assessed.		

CPSC 560	African-American Political Thought	3 Credits
Analysis of categories of black political thought; emphasis on meaning of theory related to black political thinking.		

CPSC 570	International Relations	3 Credits
Analysis of interlocking factors of geography, population, race, nationalism, and economics as fundamental forces in national power; study of diplomatic, ideological, imperialistic and military rivalries in the contest for world power.		

CPSC 571	Japanese Politics and Foreign Policy	3 Credits
Survey of contemporary Japanese politics, government and foreign relations; focus on post-World War II period.		

CPSC 572	International Relations of African States	3 Credits
Examination of relations among African states and their role in Third World and International politics.		

CPSC 573	United States Foreign Policy	3 Credits
Analysis of formation and execution of foreign policy; focus on role of domestic forces and governmental institutions in policy making and contrasting interpretations of U.S. foreign relations.		

CPSC 574	Third World Nations and International Politics	3 Credits
Role of policies, actions and techniques of Third-World nations in the international area analyzed for trends and continuities.		

CPSC 575	European Foreign Policies	3 Credits
Analysis of foreign policies of nations of Eastern and Western Europe with special attention to past and present colonial policies toward Third-World nations.		

CPSC 576	**Military Power in International Relations**	3 Credits
Military power as a technique to achieve goals in the international arena; special attention to contemporary warfare and wars of liberation.		

CPSC 577	**International Organizations**	3 Credits
General development of world organizations; principles, structures, methods, and operation of international governmental institutions; special attention to the United Nations and related agencies.		

CPSC 578	**Colloquium on International Politics of Asia**	3 Credits
Analysis of Asian politics, comparative foreign policies, and international relations; focus on foreign relations of indigenous nations and role played by great powers.		

CPSC 579	**Politics of International Trade**	3 Credits
Identification and analysis of the political forces which influence commerce among nations; special attention to trade relations between industrial and nonindustrial nations.		

CPSC 590	**African Political Institutions**	3 Credits
Comparative study of central, regional and local institutions of government and administration in contemporary Africa. *Prerequisite*: CPSC 591.		

CPSC 591	**Government and Politics of Modern Africa**	3 Credits
Contemporary government and politics of the states of Africa, providing exposure to African political culture and its historical background, and to political trends and ideologies.		

CPSC 595	**Seminar in African Politics**	3 Credits
In-depth study of one or more important issues in contemporary African political analysis, with either a one-country focus or a comparative perspective; topics vary from semester to semester. *Prerequisites*: CPSC 591 and consent of instructor; may be taken twice for academic credit.		

CPSC 596	**Politics in Southern Africa**	3 Credits
Analysis of the struggle of black people of Southern Africa against imperialism and settler colonialism and for liberation; examination of the South African state's internal and external strategies of apartheid maintenance together with relations of the neighboring black states with the white minority rulers and the liberation movements. *Prerequisites*: CPSC 591, or consent of instructor.		

CPSC 598	**African Political Economy**	3 Credits
Analysis of the social basis and the orientation of the politics and administration of economic and social change in postcolonial Africa, with emphasis on the ideologies of socialism and the realities of neocolonialism, dependence, and capitalist development. *Prerequisite*: CPSC 591.		

CPSC 599	**Social Cleavages and Political Conflict in Africa**	3 Credits
Sociological analysis of the cleavages in African social structure and their impact on political conflict and change, with particular emphasis on the role of ethno-regional groups and social classes. *Prerequisite*: CPSC 591.		

CPSC 600	**African Political Ideas**	3 Credits
Survey course and resource mechanism designed to (1) identify political thinkers on the African continent and research their ideas, and (2) analyze works of major continental political thinkers of the contemporary era.		

CPSC 601	**Philosophy of Science**	3 Credits
Problems involved in scientific study of political society; epistemological consideration of "approaches" to the study of politics, and consideration of outstanding problems confronted by political scientists in their efforts to explain and predict.		

CPSC 602	**Scope and Method of Political Inquiry**	3 Credits

Study of concepts and methods of social science, especially of political science; philosophy of science; presuppositions, aims and history of procedures and methods; research techniques, sources, bibliography and presentation and publication of investigative results; required of all majors.

CPSC 603	**European Political Philosophy**	3 Credits

Survey of major ideologies of liberalism, socialism, conservatism that have developed in European political thinking in the modern era, with emphasis on the relationship of these ideas to European writings on colonialism and imperialism.

CPSC 605	**Seminar in Political Theory**	3 Credits

Problems of black political theory that have developed since the end of the civil rights era; evaluation of new concepts in black political theory and links between these concepts and historical problems considered in African American political theory.

CPSC 606	**Feminist Theory**	3 Credits

Examines and analyzes various theoretical, strategic and political positions which characterize the literature and study of women, related issues; special emphasis on study of black feminist theory.

CPSC 608	**Problems in Political Science Research**	3 Credits

Intensive examination of problems of conceptualization, design and experimentation in political science research.

CPSC 609	**American Political Thought**	3 Credits

Survey of ideas, personalities and relevant ideologies that have evolved out of American political culture and practice.

CPSC 640	**Independent Research**	3 Credits

Designed to give students opportunity for advanced research in such fields and on such topics as may be agreed upon between the individual and the instructor. Students are permitted to take only one (1) Independent Research.

CPSC 701	**Thesis Consultation**	1 Credit
CPSC 705	**Thesis Research**	6 Credits

Credits awarded upon completed thesis.

CPSC 801	**Dissertation Consultation**	1 Credit
CPSC 805	**Dissertation Research**	12 Credits

Credits awarded upon completed dissertation.

CSB 5210	**Marketing Management**	3 Credits

From the perspective of the marketing manager, texts, readings, actual cases, and marketing-plan developments used by the student to approach problems of planning and competitive analysis, policies and strategies, decision making, and social responsibility in marketing. Producing an actual marketing plan.

CSB 5410	**Financial Management**	3 Credits

Provides broad exposure to financial issues useful to general management in an increasingly global multidisciplinary environment; enables students to develop useful approaches in analyzing risks and financial returns in a variety of business situations, and the process of reaching the optimum decision from their analysis. Topics include financial forecasting, working capital management, valuation, short-term financing, capital structure planning, and capital investment decisions. *Prerequisite*: CSB 6600.

CSB 5510	**Introduction to Information Systems**	3 Credits
Overview of information processing techniques and equipment and their impact on the organization; exposes software consideration and provides opportunity for learning a programming language.		

CSB 5512	**Global Economics**	3 Credits
Focuses on aggregative economics, magnitudes of output, employment, investment, savings and money supply aspects of the economy.		

CSB 5513	**Managerial Economics**	3 Credits
Focuses on the decision processes of consumers and firms and examines their interaction in the marketplace.		

CSB 5606	**Advanced Auditing**	3 Credits
Utilization of analytical procedures to understand a client's business; identify unusual trends, relationships, and variations in financial statements; evaluate the reasonableness of the numbers in financial statements; identify potential risks associated with the audit; and plan the nature, timing, and extent of audit procedures. Students utilize available research materials, databases, personal auditing experience, and practitioner sources to address relevant issues. Emphasis is on analysis, teamwork, writing, and presentation skills. *Prerequisite*: CSB 6615 with a minimum final grade of "C".		

CSB 5690	**Fund Accounting**	3 Credits
A one-semester course introducing basic concepts and techniques of fund accounting with reporting and management problems of not-for-profit organizations and governmental bodies. This course is not open to undergraduates majoring in Accounting who have not been accepted to the Dual-Degree Program in Accounting. *Prerequisites*: CSB 6600 and CSB 6610 with minimum final grades of "C".		

CSB 5709	**Managerial Communications**	3 Credits
Designed to increase knowledge of verbal, nonverbal and written communications that take place in an organization; grammar applications; effective letter writing, memoranda construction; preparation of executive summaries and proposals; individual and group oral presentations; and related office cases and exercises are emphasized. *Prerequisite*: Completion of first year's core courses.		

CSB 5710	**Organizational Behavior**	3 Credits
Emphasis on developing understanding and knowledge of organizational behavior and human performance in the organization setting.		

CSB 5711	**Management of Organizations**	3 Credits
Fosters student's ability to analyze, understand, and design organizational systems; focus on organizational design as a managerial tool for influencing individual behavior; special attention on structure, the selection process, performance, appraisal, control systems, and reward practices as means for affecting human behavior in organizations. *Prerequisite*: CSB 5710.		

CSB 5712	**Legal, Social and Ethical Aspects of Business**	3 Credits
Study of basic legal concepts and procedures as well as basic principles pertaining to fundamental business transactions; cases used to identify the effect of laws on business policy decisions; social and ethical aspects of business are also described.		

CSB 6200	**Marketing Strategy**	3 Credits
Case and literature studies employed to provide the basis for the understanding of marketing strategy, its implementation, and control functions. Preparation of a marketing plan is required; emphasis is on the application of controllable variables in marketing (required for marketing concentration). *Prerequisite*: CSB 5210.		

CSB 6210	**Marketing Research and Information Systems**	3 Credits
Behavioral sciences provide framework for understanding descriptive and analytical marketing research procedures. Basic orientation to use of statistical techniques and structure and uses of marketing information systems by business and industry included. *Prerequisite*: CSB 5210. Experience writing research paper using SPSS to analyze database.		

CSB 6211	**Distributive Systems in Marketing**	3 Credits

Examines the evolution, development, and dynamics of strategic distribution channel utilization and competition; logistical methods from product to consumer are included. *Prerequisite*: CSB 5210.

CSB 6212	**Advertising and Promotion Management**	3 Credits

Focus on building, in a global setting, advertising campaigns that reflect integration of advertising management philosophy and current industry trends. Development and execution of a comprehensive advertising campaign reflecting a comprehensive plan of personnel organization, creativity, media, research, budget; coordination is required. *Prerequisite*: CSB 5210.

CSB 6213	**Consumer Behavior**	3 Credits

Treatment of consumer buying behavior as a decision-making process involving perceptions, attitudes and behavioral characteristics; by understanding the buyer's environment, shows how marketing effort may influence and alter purchase behavior. *Prerequisite*: CSB 5210.

CSB 6214	**Industrial Marketing**	3 Credits

Study of activities specifically related to industrial and commercial goods and services, which supply a derived-demand market from a managerial perspective; forecasting, planning and strategy are included. Digitization, ethical, and environmental emphases. *Prerequisite*: CSB 5210.

CSB 6215	**International Marketing**	3 Credits

From the standpoint of international managers, texts, cases, and research papers used to present the international process of planning and executing marketing programs worldwide. International trade theories are critically examined. Digitization, ethical, and environmental emphases. *Prerequisite*: CSB 5210.

CSB 6216	**Dynamic Cases in Marketing**	3 Credits

Seminar employing current complex cases for analysis and integration of the various marketing functions. *Prerequisite*: CSB 5210.

CSB 6217	**Sales Management**	3 Credits

Covers recruiting, training, motivating, compensating and evaluating sales personnel; it reflects target marketing to territorial allocations, control functions, setting of personal sales targets, and feedback process. *Prerequisite*: CSB 5210.

CSB 6218	**Brand and Product Management**	3 Credits

Study of management of existing products and development of new ones; considers new product strategy, concept generation and screening, launch and post-launch controls, and abandonment. *Prerequisite*: CSB 5210.

CSB 6219	**International Business**	2 Credits

Survey course concerned with study of global business environments as they affect the competitive advantage of international companies. Students are exposed to the diversity and complexity of international business relations. The emphasis will be on providing tools necessary to evaluate and take advantage of international business opportunities–digitization, ethical, and environmental emphases.

CSB 6364	**Strategic Sourcing**	3 Credits

This course addresses the strategic and operational role of the purchasing and supply management functions in the modern organization.   The aim of this course is to get students acquainted with the fundamental concepts, models and instruments in areas such as strategic cost management, contract management, and total cost of ownership and negotiating. *Prerequisite*: CSB 6512

CSB 6365	**Logistics Management**	3 Credits

This course provides an overview of key logistics processes, concepts, and methodologies. Emphasis is given the analysis of logistics cost, and service trade-offs among inventory, transportation, and warehousing activities, the use of third-party logistics providers, and the methods of measuring the value of logistics performance.

CSB 6366	**Process Principles and Tools**	3 Credits

This course teaches process management principles (i.e. Six-Sigma) as an organizational quality system and a set of statistical tools that have helped the world's leading companies save millions of dollars and improve customer satisfaction.

CSB 6367	**Modeling and Optimizing Supply Chain Processes**	3 Credits

This course is designed to provide students with a variety of quantitative tools and techniques useful in modeling, evaluating and optimizing operation processes. Students are oriented toward the creation and use of spreadsheet models to support decision-making in industry and business.

CSB 6411	**International Financial Management**	3 Credits

Introduces the process of financial management in the international context; extends analysis of the financial management course to include effect of international forces on foreign investment and cash flows and develops strategies which the financial manager can use for effective management. Topics include study of international capital markets, Country Risk Analysis, Foreign exchange market, derivative instruments and risk management, financing international trade and capital budgeting in an international context. *Prerequisite*: CSB 5410.

CSB 6413	**Capital Markets and Investment Banking**	3 Credits

Examines role of investment banking firms in the capital acquisition process, from the points of view of security issuing firms and institutional and individual investors active in capital markets. Topics include the security issuance by both corporate and not-for-profit organizations, and the role of the investment bank in corporate restructuring and corporate control contests. *Prerequisite*: CSB 5410.

CSB 6414	**Management of Financial Institutions**	3 Credits

Examines the role of financial institutions in the financial system; with special emphasis on depository financial institutions. Study of the different types of financial institutions that include Investment Banks, Insurance companies, Pension Funds, Commercial Banks and Savings and Loans. Analysis and discussion of the changing regulatory environment, the performance of financial institutions in this environment, asset-allocation decisions, asset-liability management, international operations and the international financial system, asset securitization and other contemporary topics in financial services. Teaching methods include lectures, cases and problem solving. *Prerequisite*: CSB 5410.

CSB 6415	**Real Estate Finance**	3 Credits

Focuses on techniques of analyzing and financing real estate investments. Topics include sources of funds, financing instruments, role of various financial institutions and the regulatory environment. Students with a concerning Finance may take only one real estate course to satisfy the Finance concentration requirement. Any other real estate course will be counted as a general MBA elective. *Prerequisite*: CSB 5410

CSB 6416	**Corporate Finance (Formerly Management of Financial Resources)**	3 Credits

Examines the long-term asset selection and allocation policies of corporations. Coverage includes advanced topics in capital budgeting, leasing, valuation of corporate assets, applications of options in Corporate Finance and interaction of investment and financing decisions. Teaching methods include case analysis, lectures and a term project. Computer usage required. This is a required course for all MBA students with a concentration in Finance. *Prerequisite*: CSB 5410.

CSB 6417	**Security Analysis and Portfolio Management**	3 Credits

Development and implementation of evaluative techniques of security analysis and portfolio management utilizing case analysis, lectures and problem solving. Securities analyzed include stocks, bonds, convertibles, asset-backed bonds, options and mutual funds. Examines risk and return characteristics in a portfolio management context. Emphasis on performance measurement, equilibrium pricing and valuation models, anomalies and other strategies. Teaching methods include case analysis and discussion. *Prerequisite*: CSB 5410.

CSB 6419	**Commercial Lending**	3 Credits

Focuses on development of skills necessary in designing loan contracts and other issues in credit analysis. Topics include loan pricing, syndication, private placements, project finance and loan workout situations. Lending to a variety of industries and businesses will be examined. *Prerequisite*: CSB 5410.

CSB 6420	Real Estate Investments	3 Credits

Advanced treatment of materials in SB 6415; looks at theory and practice of equity investments in real estate assets, with emphasis on commercial properties. Topics include impact of leverage, taxes, securities regulation, REITS, joint ventures and public underwriting of real estate investments. Students with a concentration in Finance may take only one real estate course to satisfy the Finance concentration requirement. Any other real estate course will be counted as a general MBA elective. **Prerequisite**: CSB 5410.

CSB 6476	Strategic Supply Chain Practicum	3 credits

The course provides an integrated, comprehensive perspective of supply chain management concepts and principles of managing organizational changes imposed by organizational transformations. Course consists of a team-based project company's supply chain management issues. **Prerequisites**: CSB 6364, CSB 6365.

CSB 6510	Statistical Analysis for Business and Economics (Same as CECO 600)	3 Credits

Studies use and application of descriptive statistics, probability, statistical inference, analysis of variance, simple regression, multiple regression and design of experiments.

CSB 6512	Operations Management	3 Credits

Develops ability to recognize, analyze, and solve typical problems of production and operations in manufacturing and service sectors. Topics include forecasting, TQM, JIT, allocation of scarce resources, strategic capacity planning, facility location, facility layout, CPM, PERT, inventory control for independent demand, MRP, and supply chain management. **Prerequisite**: CSB 6510.

CSB 6515	Systems Analysis and Design	3 Credits

The design and specification of computer-based management information systems; analysis of various systems evaluation techniques, examination of existing systems, new or modified designs, comparisons of software features and problems of comsecurity; emphasis on management usage of systems, including examination of overall organizational impact of system installation. **Prerequisite**: CSB 5510.

CSB 6517	Computer Applications in Decision Sciences	3 Credits

Designed to introduce the students to theories and applications on optimization and simulation as tools for solving business problems, using software packages which are widely used in industry. **Prerequisite**: CSB 6510.

CSB 6519	Database Management	3 Credits

Examines the basic features of data management, systems; definition and overview, design considerations, data description and data manipulation, physical storage of a database, security and query languages. **Prerequisite**: CSB 5510.

CSB 6523	Business Forecasting Methods	3 Credits

Develops a conceptual framework of business forecasting methods. Students have hands-on experience with applications of a range of forecasting techniques to real-world business problems, using software packages.

CSB 6600	Financial Accounting	3 Credits

A one-semester course involving intensive study of financial accounting principles and concepts to provide quantitative information, primarily financial in nature, about economic entities useful in making business decisions.

CSB 6610	Managerial Accounting	3 Credits

A one-semester course involving intensive study of management accounting principles and concepts to provide information, primarily financial in nature, about economic entities useful in making business decisions. **Prerequisite**: CSB 6600, Financial Accounting with a minimum final grade of "C."

CSB 6618	International Accounting	3 Credits

Identifies the primary issues in the area of global financial reporting with a focus on multinational business risks and accounting implications, regulation of accounting and attestation in different countries, and reporting financial performance in a global context. The class considers how international reporting requirements help or hinder access to capital markets and examines the current state of convergence toward global reporting standards **Prerequisites**: CSB 6600 and CSB 6610 with minimum final grades of "C".

CSB 6620	**Cost Management Systems**	3 Credits

Focuses on the analysis and reporting of resources costs and resource consumption explicitly directed at strategic management. The key elements to be studied are cost structure, value chain analysis, strategic cost management, and cost driver analysis in support of strategic and operational decisions. *Prerequisites*: CSB 6600 and CSB 6610 with minimum final grades of "C".

CSB 6621	**Current Accounting Theory and Practice**	3 Credits

Examines the financial reporting problems that arise from mergers and acquisitions and from complex, multinational entities. The focus includes fair value accounting for business acquisitions, consolidation of financial statements, and cross-currency translation of financial statement. Class time will include lecture, discussion, and problem-solving. *Prerequisite*: CSB 6600 and CSB 6610 with minimum final grades of "C".

CSB 6623	**Advanced Accounting Information Systems**	3 Credits

Study of accounting system data security, fiduciary and reliability risks and mitigating internal controls. Emphasis is on the revenue and expense cycles and computer assisted audit techniques. *Prerequisite*: CSB 6600 and CSB 6610 with minimum final grades of "C".

CSB 6628	**Forensic Accounting**	3 Credits

Overview of fraud prevention and detection techniques, and an in-depth discussion of how to assist an audit committee and legal counsel with fraud investigations. Topics include investigating theft and concealment, conversion investigation methods, inquiry methods, and fraud reports.

CSB 6630	**Professional Accounting Internship**	3 Credits

Professional accounting field work, under the direction of a faculty member, in a public accounting firm, corporate enterprise, or not-for-profit organization. Students gain relevant practical experience which builds on prior coursework and provides an experiential knowledge base for their remaining graduate coursework. *Prerequisite*: Permission of the Accounting Department Chair.

CSB 6700	**Entrepreneurship**	3 Credits

Students are introduced to elements of successful entrepreneurship, opportunity identification and assessment, economic development potential of small business, alternative forms of work arrangements in the new economy balancing an entrepreneurial lifestyle, determining what success means to each student, goal setting and visioning. Students will learn key entrepreneurial concepts through lecture material, experiential learning, videos and interaction with successful entrepreneurs.

CSB 6710	**Business Policy**	3 Credits

Development of students' ability to integrate their knowledge of various functional fields of business; it approaches the field of policy-making and administration from a top-management point of view. *Prerequisite*: Completion of first year's core courses.

CSB 6711	**Research and Reports**	3 Credits

Designed to increase knowledge of analyzing business problems and preparing and reporting solutions to them through formal and informal reports and oral representations. Identifies business research problems; reviewing the literature; collecting data; investigating and analyzing practical cases in business and industry applying proper statistical treatment to data; writing reports; and making for presentations.

CSB 6712	**Industrial and Labor Relations**	3 Credits

Study of the history and development of organized labor, collective bargaining, and government's role in management-labor relations; consideration of the interaction of management and labor in relation to the bargaining process.

CSB 6715	**Theories of Organizations**	3 Credits

Covers major theories relevant to the structures and functions of organizations and the behavior of individuals and groups within them. *Prerequisite*: CSB 5710.

CSB 6718	**Personnel Management**	3 Credits

Aids students in understanding current theories and emerging practices in developing a sound personnel program in today's organizations. *Prerequisite*: CSB 5710.

CSB 6720	**Entrepreneurial Thinking**	3 Credits
Focuses on all aspects of starting a business: selecting promising ideas, initiating new ventures and obtaining initial financing. Concentrates on how ventures are begun, how venture ideas and other key ingredients for start-ups are derived, and how to evaluate new venture proposals. Explores business plan development.		

CSB 6721	**Sports and Entertainment Marketing**	3 Credits
This course is designed for students interested in application of marketing principles to sports, entertainment, and event marketing. Emphasis is placed on the following principles as they apply to the industry: branding, licensing, and naming rights; business foundations; concessions and on site merchandising; economic foundations; promotion; safety and security; and human relations.		

CSB 6722	**Legal, Social and Ethical Issues in the S&E Industry**	3 Credits
An examination of the sports and entertainment industry requires delving into the law of contracts, labor, anti-trust, intellectual property, torts, Internet and the U.S. Constitution. Our analysis begins by studying college sports, amateur sports, Olympic sports, and Title IX's impact on athletic opportunities for women. A significant amount of the classroom material is devoted to surveying the major professional team sports including looking at collective bargaining agreements, labor discord, privacy, salaries, drug testing and freedom of movement from team to team. The economic aspects of both professional sports and movie industry are explored. This includes looking at team franchise movement in professional sports and financing, producing, and distributing movies and TV. The role of the Screen Actors Guild is reviewed at length. Agency law is also examined in the context of the relationships involving agents (and/or managers) who represent celebrities and athletes.		

CSB 6723	**Managing and Operating in the Sports and Entertainment Industry**	3 Credits
This course offers an overview of the sport business and entertainment industry and examines the principles and applications of sport business and entertainment management in professional, collegiate, and Olympic sports. Issues such as talent identification, hiring and firing, and cultural, social and community issues are explored.		

CSB 6724	**Entrepreneurial Thinking**	3 Credits
This course provides the student with an understanding of how to identify new ventures, evaluate the viability of the new venture, develop a Business Plan, determine which skills are necessary for success and building the appropriate team, and understand the developer's personal entrepreneurial capacity.		

CSB 6725	**Financing Entrepreneurial Ventures**	3 Credits
Students will learn that the most difficult part of launching a new enterprise is financing. Various financing options will be discussed and explored. Special emphasis will be placed on nontraditional and emerging financing techniques emerging on the internet.		

CSB 6726	**Marketing the Entrepreneurial Venture**	3 Credits
Students will explore the various options available to market their venture. Emphasis will be placed on the use of low-cost and not cost strategies and tactics. Use of technology and social media will be reinforced and evaluated.		

CSB 6727	**Entrepreneurial Practicum**	3 Credits
This course seeks to immerse the student in real life experiences of an entrepreneur. Each student will be expected to spend 6-8 weeks interning in a small business in order to better hone their understanding of being an entrepreneur and the challenges that each faces. Afterwards, the student will utilize the knowledge learned to complete his/her Business Plan.		

CSB 7200	**Special Problems in Marketing**	3 Credits
Independent-study course requiring pragmatic research. ***Prerequisite***: Approval of the instructor.		

CSB 7400	**Special Problems in Finance**	3 Credits
This special topics course provides an opportunity for an in-depth study of selected contemporary topics in finance, outside of the regular finance curriculum. The course can be repeated for course credit for different topics. ***Prerequisite***: CSB 5410 or approval of the instructor.		

CSB 7500	Special Problems in Decision Sciences	3 Credits

Prerequisite: Approval of the instructor.

CSB 7501	Advanced Topics in Supply Management	3 credits

This course provides in-depth treatment of one or more advanced area of supply management. The topics will vary with each offering. *Prerequisites*: CSB 6364, CSB 6365.

CSB 7502	Advanced Topics in Transportation and Logistics Management	3 Credits

This course provides in-depth treatment of one or more advanced areas of transportation. The topics will vary with each offering. *Prerequisites*: CSB 6364, CSB 6365.

CSB 7600	Special Problems in Accounting	3 Credits

A one-semester course including discussions of selected issues in Accounting. *Prerequisites*: CSB 6600 and CSB 6610 with minimum grades of "C" and approval of the instructor.

CSB 8210	Marketing Management	1.7 Credits

From the perspective of the marketing manager, texts, readings, actual cases, and marketing-plan developments used by the student to approach problems of planning and competitive analysis, policies and strategies, decision-making, and social responsibility in marketing producing an actual marketing plan.

CSB 8212	Advertising and Promotion Management	1.7 Credits

Focuses on building advertising campaigns that in a global setting reflect integration of advertising management philosophy and current industry trends. Development and execution of a comprehensive advertising campaign reflecting a comprehensive plan of personnel organization, creativity, media, research, budget, and coordination is required.

CSB 8230	Consumer Behavior	1.7 Credits

Treatment of consumer buying behavior as a decision-making process involving perceptions, attitudes and behavioral characteristics; by understanding the buyer's environment, shows how marketing effort may influence and alter purchase behavior.

CSB 8240	Marketing Research and Information Systems	1.7 Credits

Behavioral sciences provide framework for understanding descriptive and analytical marketing research procedures. Basic orientation to use of statistical techniques and structure and uses of marketing information systems by business and industry included.

CSB 8251	Brand and Product Management	1.7 Credits

Study of management of existing products and development of new ones; considers new product strategy, concept generation and screening, launch and post-launch controls, and abandonment.

CSB 8252	Marketing Strategy	1.7 Credits

Case and literature studies employed to provide the basis for the understanding of marketing strategy, its implementation, and control functions. Preparation of a marketing plan is required; emphasis is on the application of controllable variables in marketing. *Prerequisite*: CSB 8510.

CSB 8261	Global Marketing	1.7 Credits

From the standpoint of international managers, texts, cases, and research papers used to present the international process of planning and executing marketing programs worldwide. International trade theories are critically examined. Digitization, ethical, and environmental emphases.

CSB 8262	Sales Strategy	1.7 Credits

Covers recruiting, training, motivating, compensating and evaluating sales personnel; it reflects target marketing to territorial allocations, control functions, setting of personal sales targets, and feedback process.

CSB 8420	**Financial Management I**	**1.7 Credits**

This course is the first of a two-part required (core) Financial Management course for the MBAWP program. Consequently, the course is designed to provide all MBA students (regardless of intended concentration) the basic finance skills required for them to function effectively as general managers in an increasingly global, multidisciplinary environment. The course introduces students to the different areas of corporate finance and in particular those topics that are essential and indispensable to all business students. The treatment of all areas is based on ensuring that students have a conceptual understanding of the theory and the application of these concepts to realistic situations for the purpose of decision-making in the major areas of business. This first part covers the following topics: financial statement analysis, financial forecasting and working capital management.

CSB 8440	**Financial Markets**	**1.7 Credits**

This course primarily prepares students for an understanding of the financial markets, instruments and institutions that exist around the world. The course provides an in-depth study of money and capital markets and the management of financial institutions. Topics include an introduction to the various types of financial assets, financial markets and financial Institutions; regulation of the financial markets; financial innovations: derivative markets: futures, options and swaps; and interest rate determination. This MBAWP elective course requires that enrolled students have completed the First-Year Accounting course and Financial Management course with passing grades, in addition to all first year MBAWP core courses.

CSB 8451	**Corporate Finance I**	**1.7 Credits**

This course is the first part of a two-module series on corporate finance. The objective is to study the major decision-making areas of corporate finance. Emphasis will be placed on the long-term asset selection policies of non-financial corporations under conditions of certainty and uncertainty. The first module focuses on advanced topics and applications in cost of capital, capital expenditure analysis, leasing, and valuation analysis.

CSB 8452	**Portfolio Management**	**1.7 Credits**

Development and implementation of evaluative techniques of security analysis and portfolio management utilizing case analysis. Securities analyzed include stocks, bonds, convertibles, asset-backed bonds, derivative securities and mutual funds. Examines risk and return characteristics in a portfolio management context. Emphasis on equilibrium pricing models, performance measurement, valuation models, and investment strategies. Teaching methods include case analysis and discussion.

CSB 8461	**Corporate Finance II**	**1.7 Credits**

This course is the second part of a two-module series on corporate finance. The objective is to study the major decision-making areas of corporate finance. Emphasis will be placed on the long-term asset selection policies of nonfinancial corporations under conditions of certainty and uncertainty. The second module topics include applications of options in corporate finance, corporate restructuring, capital structure, long-term financing tactics and methods of cash distributions. This second module requires a comprehensive valuation project.

CSB 8462	**Financial Strategy and Policy**	**1.7 Credits**

This course is an advanced, though brief, treatment of corporate financial strategy and policy. This course is an integral part of the Finance curriculum in the MBA for Working Professionals; it is the final module in a sequence of finance electives. In that respect, it is the capstone course in Finance. The objective of this course is to integrate the knowledge and skills from the different sub-disciplines of finance (investments, corporate, markets and banking) in the context of financial policy and strategy in financial and nonfinancial corporations. Topics include corporate restructuring and the formulation and implementation of corporate financial strategy. The case method is used throughout this module. A term project is required. ***Prerequisite***: Financial Management 1 and 2, Corporate Finance- Module 1 and 2.

CSB 8463	**Competitive Strategy**	**1.3 Credits**

This is a course in competitive economics – a combination of economics and strategy. The course provides a basic understanding of the concepts, language and analytical tools in order to enhance decision-making in business in a competitive global environment. We will focus on decisions that firms should make and the factors that constrain and determine these choices. The course develops the tools of microeconomic analysis using the concepts of business policy, industrial organization, organizational behavior, strategic management, marketing, accounting and finance to achieve the goals set by the management in a macroeconomic environment.

CSB 8465	**Global Business and Finance**	**1.3 Credits**

This course covers the financial systems and processes used by multinational corporations, international companies and all businesses engaged in cross-border trading, and foreign business activities, including foreign units engaged in manufacturing. The course investigates and analyzes global transactions and the flow of funds from global commerce. In addition, students learn the use of hedging strategies to minimize the risks associated with global business operations.

CSB 8610	**Financial Accounting**	**1.7 Credits**

A one-trimester course involving intensive study of financial accounting principles and concepts to provide quantitative information, primarily financial in nature, about economic entities useful in making business decisions. *Prerequisite*: Acceptance to the Working Professionals Master of Business Administration degree program.

CSB 8621	**Financial/Managerial Accounting**	**2.3 Credits**

A one-trimester course involving intensive study of financial and management accounting principles and concepts to provide information, primarily financial in nature, about economic entities useful in making business decisions. *Prerequisites*: Acceptance to the Working Professionals Master of Business Administration degree program and CSB 8610, Financial Accounting with a minimum final grade of "C."

CSB 8632	**Managerial Accounting**	**1.7 Credits**

A one-trimester course involving intensive study of management accounting principles and concepts to provide information, primarily financial in nature, about economic entities useful in making business decisions. *Prerequisites*: Acceptance to the Working Professionals Master of Business Administration degree program and CSB 8621, Financial/Managerial Accounting with a minimum final grade of "C."

CSB 8711	**Executive Leadership I**	**0.5 Credits**

Students will investigate the leadership task, which face managers in companies with worldwide operations. Initially, students will identify the forces of global change and the strategic challenges, which they present to managers. Subsequently, students will examine the leadership characteristics required to manage global operations in a changing environment.

CSB 8721	**Communications Workshop**	**1.0 Credits**

CSB 8721A	**Organizational Behavior I**	**1.3 Credits**

Topics include motivation, values, attitudes and job satisfaction, group dynamics, personality, conflict, managing diversity, decision, perception, etc. The overall objective of this course is to improve the skills you need to become a more effective manager. Organizational behavior, commonly referred to as OB, is an interdisciplinary field dedicated to better understanding and managing people at work. The three basic levels of analysis in OB are individual, group, and organizational. To be an effective manager, it is essential that one have practical knowledge that spans all three levels of organizational behavior.

CSB 8721B	**Executive Leadership II**	**0.5 Credits**

Students will investigate the leadership task, which face managers in companies with worldwide operations. Initially, students will identify the forces of global change and the strategic challenges, which they present to managers. Subsequently, students will examine the leadership characteristics required to manage global operations in a changing environment.

CSB 8731	**Organizational Behavior II**	**1.3 Credits**

Topics include motivation, values, attitudes and job satisfaction, group dynamics, personality, conflict, managing diversity, decision, perception, etc. The overall objective of this course is to improve the skills you need to become a more effective manager. Organizational behavior, commonly referred to as OB, is an interdisciplinary field dedicated to better understanding and managing people at work. The three basic levels of analysis in OB are individual, group, and organizational. To be an effective manager, it is essential that one have practical knowledge that spans all three levels of organizational behavior.

CSB 8731B	**Executive Leadership III**	**0.5 Credits**

Students will investigate the leadership task, which face managers in companies with worldwide operations. Initially, students will identify the forces of global change and the strategic challenges, which they present to managers. Subsequently, students will examine the leadership characteristics required to manage global operations in a changing environment.

CSB 8740	**Managerial Communications I**	**1.0 Credit**

This is a first course focusing on enhancing participants' ability to communicate effectively in both formal and informal work settings. The course content covers three major components of communication: written, spoken and non-verbal. The course will prepare participants to meet the communication requirements of business professionals. Exercises, cases, and use of audio-visual aids will help participants improve their communication skills.

CSB 8741	**Executive Leadership IV**	**2.5 Credits**

Students will investigate the leadership tasks, which face managers in companies with worldwide operations. Initially, students will identify the forces of global change and the strategic challenges, which they present to managers. Subsequently, students will examine the leadership characteristics required to manage global operations in a changing environment.

CSB 8745	**Business Legal Issues/Business Ethics**	**1.3 Credits**

Study of basic legal concepts and procedures as well as basic principles pertaining to fundamental business transactions; cases used to identify the effect of laws on business policy decisions; social and ethical aspects of business are also described.

CSB 8751	**Executive Leadership V**	**0.5 Credits**

Students will investigate the leadership tasks, which face managers in companies with worldwide operations. Initially, students will identify the forces of global change and the strategic challenges, which they present to managers. Subsequently, students will examine the leadership characteristics required to manage global operations in a changing environment.

CSB 8752	**Managerial Communications II**	**1.0 Credits**

This is a second course focusing on enhancing participants' ability to communicate effectively in both formal and informal work settings. The course content covers three major components of communication: written, spoken and non-verbal. The course will prepare participants to meet the communication requirements of business professionals. Exercises, cases, and use of audio-visual aids will help participants improve their communication skills.

CSB 8761	**Executive Leadership VI**	**0.5 Credits**

Students will investigate the leadership tasks, which face managers in companies with worldwide operations. Initially, students will identify the forces of global change and the strategic challenges, which they present to managers. Subsequently, students will examine the leadership characteristics required to manage global operations in a changing environment.

CSB 8510	**Statistical Analysis I**	**1.5 Credits**

Use and application of descriptive statistics, probability, statistical inference, and analysis of variance.

CSB 8514	**Information Systems I**	**1 credit**

This course is an intensive survey of technologies used to support selected aspects of electronic commerce and enterprise resource planning.

CSB 8515	**Economic Analysis**	**1.5 Credits**

An introduction to microeconomic analysis from a practical business perspective. Topics covered include supply and demand equilibrium, the principles of consumer choice, profit maximization, the effects of subsidies, price discrimination, price ceilings and floors and government regulation. The course provides a context for subsequent study of industry and corporate strategy.

CSB 8520	**Statistical Analysis II**	**1 credit**

Studies use and application of simple regression, multiple regression, and design of experiments.

CSB 8524	**Information Systems II**	**1 credit**

The purpose of this course is to illustrate the importance of determining information system requirements for all management levels by developing an understanding of the differences between various types of computer-based information systems (CBIS). Emphasis is on information systems support for management decision-making and competitive advantage.

CSB 8531	**Production and Total Quality Management**	**1 Credit**

Defines the terms Quality, SQC (SPC), and TQM. Provides an overview of continuous process improvement (Kaizen) and various tools designed to control and monitor the process. Discusses process control chart, Deming's PDCA cycle, cost of quality, process capability, six sigma standard, Taguchi method, Pareto diagram, and Ishikawa diagram. Compares and contrasts the criteria for Deming Prize, Malcolm Baldridge Quality Award, and ISO 9000 series and ISO 14000 series.

CSB 8535	**Global Economics**	**1.3 Credits**

Beginning with a review of essential concepts in economics, this course focuses on the international and cross-cultural nature of contemporary economic phenomena. Emphasis is on macroeconomics, rather than microeconomics. Theoretical concepts are applied to specific cases, such as economic relationships between the US and Japan, Mexico, and other countries.

CSB 8540	**Accounting Information Systems Analysis and Design**	**1.7 Credits**

The design and specification of computer-based management information systems; analysis of various systems evaluation techniques, examination of existing systems new or modified designs, comparisons of software features and problems of computer security; emphasis on management usage of systems, including examination of overall organizational impact of systems installation.

CSB 8541	**Operations Management**	**1.5 Credits**

Develops ability to recognize, analyze, and solve typical problems of production and operations in manufacturing and service sectors. Topics include forecasting allocation of scarce resources, strategic capacity planning, facility location, facility layout, CPM, PERT, inventory control for independent demand, MRP, ERP, and supply chain management.

CSB 8544	**Information Systems III**	**1.3 Credits**

Overview of information processing techniques and equipment and their impact on the organization; exposes software consideration and provides opportunity for learning a programming language.

CSB 8550	**Optimization and Simulation**	**1.3 Credits**

Introduces the students to the array of concepts, methodologies, and applications of optimization and simulation, which are extensively used in academic and business environments. In addition to Microsoft ® Excel, two major software, Lindo for optimization modeling and Crystal Ball for simulation modeling will provide the students with hands-on experiences in dealing with real-world business problems. Students are given latitude to pursue topics in a range of the areas of the decision sciences in which they have a special interest.

CSB 8561	**Database Management**	**1.3 Credits**

The course examines the basic features of database management systems. Definitions and overview, design considerations, data description and data manipulation, physical storage of data, and controls.

CSB 8562	**Business Forecasting**	**1 Credit**

Forecasting is an important part of business management. No rational decision can be made without taking some view of the future. A range of forecasting methods and major issues in forecasting are addressed to improve forecast accuracy and enhance quality in decision making.

CSB 8850	**Integrative Capstone Business Project**	**2.6 Credits**

The capstone project is designed to link both the theory and practice dimensions of business strategy through an emphasis on both content and process. Students are expected to apply relevant theories in their analysis but also build "action" skills through strategic decision-making and the development of recommendations for future strategy in the context of a "real time" situation.

CSCJ 500	**Administration of Criminal Justice**	**3 Credits**

The course examines the decision-making guidelines of police, juvenile justice, court and correctional agencies. Issues and problems in regard to the application of these guidelines are also reviewed.

CSCJ 501	**Sociological Theory**	**3 Credits**

The course is a graduate seminar in sociological theory. The focus is on analyzing generalizations derived by sociology concerning how human beings live and interact.

CSCJ 502	**Criminological Theory**	3 Credits

The course is a graduate seminar in criminological theory. It is an introduction to theory in criminology and criminal justice, beginning with an examination of the process of theory construction and the relationship between theory and research methodology.

CSCJ 503	**Research Methods I**	3 Credits

This course covers the general field of research methodology including an overview of the research techniques and procedures used in surveys, comparative studies, field studies, and experiments.

CSCJ 504	**Research Methods II**	3 Credits

This course covers sociological application of specific research methods: conceptualization, designing, measurement, construction of scales, testing for validity and reliability of responses, and other measures. ***Prerequisite***: CSCJ 503.

CSCJ 505	**Statistics I**	3 Credits

A survey of descriptive statistical methods and tools used to analyze data and to quantify the data into usable information; designed as a general review as well as an introductory course in social statistics.

CSCJ 514	**Law Enforcement Administration**	3 Credits

A survey of the role of law enforcement agencies, resource allocations, law enforcement policies, and its relation to the total criminal justice system.

CSCJ 516	**Judicial Process: Court Systems**	3 Credits

An overview and analysis of the legal transactions involved in the accusation, arrest, adjudication, and disposition of criminal offenders.

CSCJ 517	**Correctional Systems**	3 Credits

A study and analysis of correctional institutions, including historical developments, trends, alternatives and changes in the field of corrections.

CSCJ 518	**Delinquency and Juvenile Justice System**	3 Credits

A study of analysis of the nature, extent, patterns and causes of juvenile delinquency; and the accusation, arrest, adjudication, and disposition of juvenile offenders.

CSCJ 519	**Practicum**	3 Credits

A planned, supervised program of research, observations, study and work in selected criminal justice and other social agencies.

CSCJ 520	**Urban Society and Culture**	3 Credits

Examines the relationships among environmental justice, violence, and environmental crime in cities. Case studies will be used to describe, explain, and analyze the impact of these relationships on urban life. Connections between city and culture provide the base for discussions on the social and cultural environment.

CSCJ 521	**Population and Society**	3 Credits

Introduction to the study of population and its interactions with other aspects of society. Examines demographics, resources and environment, population trends, family structure and the status of women, and the future of population growth.

CSCJ 526	**Selected Topics Seminar in Sociology & Criminal Justice**	3 Credits

Discussion of major topics in the administration of justice, including protests in contemporary society, theories of prejudice and discrimination, social justice in a planned society, police corruption, police labor management problems, and prison survival.

CSCJ 531	**Social Psychology**	**3 Credits**

Examination of data, theory, and methodology currently utilized in a focus on the systematic study of the nature and causes of human social behavior.

CSCJ 547	**Sociology of Development**	**3 Credits**

Historical and theoretical perspectives on development and underdevelopment, the global economic order and the challenge for today's underdeveloped technology, agriculture and industry, education, public administration, role of women, and population growth.

CSCJ 553	**Criminology and the Criminal Justice System**	**3 Credits**

Presentation of current data, theory, methodology, and practice relevant to study of criminal behavior and administration of justice.

CSCJ 555	**Medical Sociology I: Health, Illness and Intervention Systems**	**3 Credits**

Examines health, illness, intervention systems and the contributions of social and behavioral sciences to understanding these systems. Also examines issues of disease and ethnicity, health disparities, social demography of health, epidemiology, alternative medicine, health care delivery, and international health among other topics.

CSCJ 557	**Medical Sociology II: Aging and Dying**	**3 Credits**

Seminar focused on contributions of social and behavioral science studies of aging and dying. (CSCJ 555 is NOT a prerequisite for this course.)

CSCJ 559	**Deviant Behavior**	**3 Credits**

Attention to studies of mental disorder, addictive disorders, crime and delinquency and other social anomalies in contemporary society.

CSCJ 562	**Social Stratification**	**3 Credits**

Presentation of data, theory, and methodology of social mobility and internal division of societies based on race, class, gender, and age.

CSCJ 563	**The Family**	**3 Credits**

A review of the American family; its heritage, contemporary forms, functions, challenges, and future projections.

CSCJ 564	**Comparative Gender Roles**	**3 Credits**

A review of the significance of gender in social stratification, particularly as an intersection with race/ethnicity and class.

CSCJ 565	**Sociology of Education**	**3 Credits**

Presentation of data, theory, and methodology of systems in education; includes analyses of formal and informal systems of learning throughout the lifespan.

CSCJ 571	**International Criminality, National Security and Terrorism**	**3 Credits**

A study of the various forms of international crime with an emphasis on terrorism focuses on the policies and methods used by governments to protect their national interests.

CSCJ 575	**Cultural and Social Anthropology**	**3 Credits**

Presentation of data, theory, and methodology on human diversity and the role of anthropology. Focus on social institutions across the world including family, education, religion, and the economic/political sector. Also examines language, kinship, gender, ethnic conflict, and global relations in the context of culture, socialization, and social organization.

CSCJ 579	**Cultural and Ethnic Relations**	3 Credits
Presentation of data, theory, and methodology in the study of relations between groups which differ in race/ethnicity and/or culture as seen in international as well as domestic perspective.		

CSCJ 580	**Environmental Racism**	3 Credits
Examines the impact of institutional racism and health polices, industrial practices, governmental regulation and rule-making, enforcement, and overall quality of life in communities of people of color. Also examines the nexus between environmental protection and civil rights, the impact of the environmental justice movement on the dominant environmental paradigm and on national environmental groups.		

CSCJ 582	**Comparative Criminal Justice Systems**	3 Credits
Draws students' attention to the existence of four major world legal families - the civil law, common law, socialist law, and Islamic law using the sociology of law perspective.		

CSCJ 587	**Urban Ethnography**	3 Credits
An examination of qualitative research methods in studying social behavior; focuses on conducting field studies as a scientific method of inquiry.		

CSCJ 589	**Selected Topics Seminar I**	3 Credits
Varying topics related to social, environmental, and criminal justice issues. Topics vary with new developments in research, theory, and policy issues.		

CSCJ 590	**Selected Topics Seminar II**	3 Credits
Varying topics related to social, environmental, and criminal justice issues. Topics vary with new developments in research, theory, and policy issues.		

CSCJ 603	**Statistics II**	3 Credits
This course provides skills to graduate students in inferential statistics. Students learn testing of scientific hypotheses utilizing correlation analysis, analysis of variance, regression analysis and factor analysis. Detecting defective data and interpolation will also be covered during the semester. ***Prerequisites***: CSCJ 503 and CSCJ 505.		

CSCJ 613	**Independent Study**	3 Credits
Designed to give students in selected fields an opportunity to more intensely pursue research and/or engage in other learning experiences consistent with the completion of their program of study. Prior approval of the instructor is required.		

CSCJ 801	**Thesis Consultation**	1 credit
Direct advisement with faculty in the completion of the thesis and research writing process.		

CSCJ 805	**Thesis Research**	3 Credits
Direct advisement with faculty in the completion of the thesis research.		

CSED 500	**Communications Skills Examination**	0 Credit
Students receive analysis of their reading and writing skills; identification of problem areas, practice in improvement in problem areas, tutoring in general test-taking skills. The communication skills exam is administered once in the fall semester and once in the spring semester. Successful students are exempted from the remainder of the course.		

CSPA 056/506	**Spanish for Graduate Students**	3 Credits
Designed to prepare graduate students for developing the foreign language reading and translation skills necessary for easy comprehension of scholarly articles in their subject area. The class meets three hours weekly for one semester (may be audited for 0 credits under CSPA 056). One does not need any prior knowledge of Spanish to be enrolled in this course.		

CSPA 509	**Directed Readings in Spanish I**	3 Credits

In-depth study and investigation of a particular period or writer of interest to an individual student. The supervising instructor in consultation with the department chairperson must approve all special study projects in advance. This course may be repeated.

CSPA 510	**Directed Readings in Spanish II**	3 Credits

In-depth study and investigation of a particular period or writer of interest to an individual student. The supervising instructor in consultation with the department chairperson must approve all special study projects in advance. This course may be repeated.

CSPA 511	**Spanish Phonetics and Pronunciation**	3 Credits

Study of Peninsular and Latin American pronunciation, intonation and phonetics with intensive practice in reading and speaking, and the perfecting of a genuine Spanish diction through the aid of phonetic transcription and authentic Spanish videos and audio texts.

CSPA 513	**Advanced Spanish Grammar and Composition**	3 Credits

Acquisition of fundamental grammatical principles of Spanish and the most difficult idiomatic and literary expressions of the language, along with extensive oral and written compositions.

CSPA 514	**Advanced Spanish Prose**	3 Credits

Designed to sharpen the student's sensitivity to stylistic nuances in literary texts, this course complements CSPA 513 by placing emphasis on grammatical structure and stylistics within the framework of literary analysis and criticism.

CSPA 515	**History of Peninsular Civilization**	3 Credits

Study of the political, social, economic and cultural history of Spain from the Middle Ages to the present, including the Spanish slave trade and the Golden Age. Course includes an extensive audiovisual component. Students should be able to work independently on the Internet.

CSPA 516	**History of Latin American Civilization**	3 Credits

Study of the political, social, economic, and cultural history of Latin America from pre-Columbian times to the present, including the contributions of black Latin Americans and the struggle of indigenous groups. Course includes an extensive audiovisual component. Students should be able to work independently on the Internet.

CSPA 517	**Spanish Poetry**	3 Credits

Emphasizes development of poetic schools from the Middle Ages through the twentieth century.

CSPA 518	**Cervantes**	3 Credits

Study of the development of Cervantes as a consummate prosaist; linguistic, philosophical, and literary commentary on Don Quixote and significant minor works.

CSPA 559/560	**Methods of Teaching Foreign Languages**	3-6 Credits

Intensive study of the most recently developed methods and techniques of foreign language instruction.

CSPA 620	**Afro-Hispanic Literature**	3 Credits

Study of the "tema" Negro and of the black writers of Latin American prose and poetry. Particular attention will be paid to Afro-Antillean literature.

CSPA 622	**Galdós, The Generation of 1868 and Naturalism**	3 Credits

Study of the works of Clarín, Valera, Alarcón, Pereda, Palacio Valdés, Pardo and Blasco Ibáñez.

CSPA 623	**The Generation of 1898**	**3 Credits**

Study of the novel, poetry, drama and essays of Ramón del Valle-Inclán, Antonio Azorín, Jacinto Benavente, Miguel de Unamuno, Pío Baroja, and Antonio de Machado.

CSPA 625	**The Twentieth Century Latin American Novel**	**3 Credits**

Examination of the evolution of the Spanish American novel in the twentieth century; special attention to experimentation and innovation in novelistic technique and "magic realism" in recent works of Julio Cortázar, Gabriel García Márquez and Isabel Allende.

CSPA 628	**Hispanic Minorities in the United States**	**3 Credits**

Study of the heritage, values, special concerns and the contribution to American culture of Hispanic Americans, and an examination of population growth in Hispanic communities throughout the United States.

CSPA 632	**Hispanic Writers of the United States**	**3 Credits**

Literature as group movement, periodicals as forums, as well as the works of individual writers studied.

CSPA 640	**Seminar in Comparative Black Literature**	**3 Credits**

Selected research problems comparing and contrasting traditions in Francophone, Afro-Hispanic and African-American literature.

CSPA 650	**Spanish Linguistics**	**3 Credits**

An in-depth appreciation of the nature, function and structure of the Spanish language—sounds, vocabulary, syntax—based on selected readings, lectures and discussions.

CSPA 716	**Comparative Romance Culture and Civilization**	**3 Credits**

Comparative study of Romance societies from their origins to the present with major emphases on political, social, and cultural institutions. This study will also include points of convergence from linguistic and cultural perspectives.

CSPA 717	**Romantic to Modern Poetry**	**3 Credits**

Development of poetic trends, movements and philosophies in Spain in the nineteenth and twentieth centuries.

CSPA 718	**Modern Prose**	**3 Credits**

This is an in-depth study of the nineteenth- and twentieth-century novel. The choice of novelists will vary according to the desire of the instructor. Students should expect to read voluminous works of both centuries, and be prepared to critique articles written about the works.

CSPA 719	**Classical to Modern Drama**	**3 Credits**

This is a serious study of the Spanish theatre from 1550 to the present. Students should expect to read several plays per week, and be prepared to identify the stylistic nuances of the various literary movements as they relate to this genre.

CSPA 761	**Spanish Seminar I**	**3-6 Credits**

The examination, documentation, resolving and presentation of research problems in a specific field.

CSPA 762	**Spanish Seminar II**	**3-6 Credits**

The examination, documentation, resolving and presentation of research problems in a specific field.

CSPA 801	**Thesis Consultation**	**1 Credit**

CSPA 802	**Dissertation Consultation**	**1 Credit**
CSPA 805	**Thesis Research**	**6 Credits**
CSPA 806	**Dissertation Research**	**6 Credits**
CSSW 500A	**Autonomous Social Work Practice I**	**3 Credits**

The course provides foundation knowledge at the graduate level about generalist social work practice. Framed in an Autonomous Social Work Practice Model, the course content about matrix roles, Humanistic Values, and Afrocentric Perspectives are linked to the ecological system and strength perspectives. The course examines social work practice as both a method and process for intervention with micro and mezzo systems where the goal is to aid the client to achieve an optional level of social functioning within these systems.

CSSW 500B	**Autonomous Social Work Practice II**	**3 Credits**

The second course in the Practice Content sequences builds upon CSSW 500A. The course examines social work practice as both a method and process for intervention with mezzo and macro systems (small groups, organizations and communities). Primary attention is given to assessing the client's functioning within these systems.

CSSW 501A	**Concurrent Field Practicum I**	**3 Credits**

Concurrent Field Practicum I provide students with a supervised field experience in an agency setting using generalist social work skills appropriate at the graduate level. Students apply foundation knowledge, skills, values and ethics to practice. The practicum focuses on skill development, the nature of social systems, and the integration of social work theory and practice. Students are in the field for two days per week for twelve weeks during the semester.

CSSW 501B	**Concurrent Field Practicum II**	**3 Credits**

Concurrent Field Practicum is a continuation of CSSW 501 – Concurrent Practicum I. The practicum experience focuses on skill development application of ethics to practice and the integration and application of social work theory and practice. Students work in the field two (2) days per week for fourteen weeks during the semester.

CSSW 502A	**Concurrent Field Practicum III**	**3 Credits**

This practicum III provides students with direct practice experience reflecting a variety of theoretical constructs that undergird the students' practice focus. Critical thinking, knowledge and skills, values and ethics will be further developed based on theories, through the application of advanced multilevel field activities.

CSSW 502B	**Concurrent Field Practicum IV**	**3 Credits**

Field Practicum IV while anchored in a continuation of CSSW 502A provides students with opportunities for rigorous activities building on advanced practicum knowledge. Students will be able to utilize advanced practicum knowledge, assessment, and intervention strategies in a variety of complex treatment settings across diverse populations.

CSSW 503	**Advanced Direct Social Work Practice**	**3 Credits**

This course is designed for students who have completed the foundation courses. Building upon 500-level Autonomous Social Work Practice courses, it extends the matrix roles and subsequent skills learned in autonomous social work practice to more complex individualized practice with client systems considering the multiple variables that affect their lives. Attention is given to the bio-psychosocial integrity of the client and to ethical issues.

CSSW 504A	**Advanced Direct Social Work Practice: Focus on Child and Family**	**3 Credits**

This advanced direct practice course builds on the knowledge skills and values learned in foundation social work practice courses. It is designed to provide depth, specificity and advanced skills in assessment and intervention with children and families within the context of the multilevel systems. Students learn to identify and critique the central issues that are addressed in the process of assessment and treatment intervention with children and families.

CSSW 504B	**Advanced Direct Social Work Practice: Focus on Health/Mental Health**	**3 Credits**

This advanced direct practice focus course provides depth specificity and knowledge about advanced skills in assessment and intervention. Attention is given to client systems that experience or are at risk of experiencing problems in social functioning due to their health and mental health. The course focuses on knowledge, value, skills and strengths for effective practice to enhance clients' developmental capacities, problem-solving and coping skills.

CSSW 506	**Program and Organizational Development for Direct Social Work Practice**	**3 Credits**

This course provides students with advanced knowledge and understanding of organizational needs and identifies strategies and models for achieving these needs. Selected organizational development models are examined to determine their applicability to social service agencies.

CSSW 508	**Brief Interventions Methods**	**3 Credits**

This advanced direct practice course examines the theory and practice of brief treatment methods, including crisis intervention. It focuses on differential use of these approaches in social work practice. The features of treatment designs and processes that are critical to effective time-limited practice are considered, with emphasis on the characteristics of brief interventive methods with individuals, families and small groups. Particular attention is given to assessment and intervention in Planned Short Term Treatment.

CSSW 510	**AIDS: Psychosocial Issues and Intervention**	**3 Credits**

This advanced course provides critical information on direct practice, prevention, education, intervention methods and models of care for working with people with HIV/AIDS. Additionally, the course focuses on high risk behavior for contracting HIV/AIDS. Prejudices, legal, spiritual, ethical, and other issues which confront social workers in direct practice with persons with AIDS are addressed.

CSSW 511	**Intervention Strategies with Children and Adolescents**	**3 Credits**

This course provides advanced knowledge and specialized skills for direct practice with children and adolescents who experience developmental issues and a range of psychosocial problems and social injustices. It examines practice issues relevant to culturally diverse children and adolescents, especially African American and Latino children and adolescents. This advanced direct practice course emphasizes resiliency and strengths in making assessments and interventions in various treatment settings: schools, child welfare agencies, and juvenile justice systems.

CSSW 512	**Intervention Strategies with Adults and the Aged**	**3 Credits**

This advanced course is designed for skill development and effective application in problem resolution with adults in their life tasks, and with older individuals and groups in the processes of aging. Emphasis is placed on intervention with primary care givers, health care and other providers, and the elderly. Emphasis is also placed on intergenerational concepts and differential approaches with the frail, disabled, and chronically ill in the context of their ethnic cultural milieu and the wider society.

CSSW 513	**Child Abuse and Neglect**	**3 Credits**

This advanced direct practice course provides a historical overview of value perspectives of children-particularly African Americans-and corresponding injustices, violence in relation to child maltreatment-views of diverse cultural and ethnic groups regarding child abuse and neglect, rights of children and parents. Core objectives of the course are to: 1) explore research findings on the prevalence of factors that contribute to child abuse and neglect; 2) understand knowledge about the types and causes of child abuse; 3) develop knowledge of and skills in investigation, assessment, case management, treatment approaches, prevention, and methods of evaluation of micro and macro systems.

CSSW 514	**Group Processes in Social Work Practice and Administration**	**3 Credits**

The primary focus of this advanced direct practice course is on theoretical knowledge and skill development for practice with task and treatment groups in child welfare, health/mental health, and school social work settings. The course builds on and integrates first semester content, humanistic values, autonomous social work practice, and the Afrocentric paradigm with strategies for assessing individuals and groups. Thus, the course equips students with advanced knowledge and skills to practice group work with diverse populations and with competence in and sensitivity to race, ethnicity, with competence in and sensitivity to race, ethnicity, community, culture, gender, and sexual orientation.

CSSW 517	**Community-Based Health Care**	**3 Credits**

This advanced direct practice course provides students with the opportunity to analyze health problems in a given community. Emphasis is placed on access and barriers at health services, the roles and functions of multi-disciplinary health teams, community needs assessment and interventions, and policy advocacy for change. Students learn methods of assessing community health issues, data analysis skills, resource identification, and health policy proposal and testimony skills for presentation to legislators on behalf of the community.

CSSW 518	**Community Health Promotion and Disease Prevention**	3 Credits

This advanced direct practice course provides the opportunity for social work students to learn how to promote a community based health care and prevention program. The course also provides instruction in how to identify, analyze and eliminate barriers to community health services within communities.

CSSW 520	**Family Therapy**	3 Credits

This is an advanced direct practice social work course designed to increase students' knowledge and skills for intervening with families. The course engages students in: 1) exploring the development of family therapy and the dimensions of family treatment in social work practice; 2) building on conceptual, analytical, land practice skills necessary for thorough use of family therapy models; 3) developing skills to assess family intervention and 4) identifying major research findings and issues in family therapy.

CSSW 521	**Supervision and Consultation in Direct Social Work Practice**	3 Credits

This course provides concepts and principles of supervision and consultation. Attention is given to emerging trends and practices in supervision, staff development, personnel utilization and assessment. The course explores the history, roles, techniques and practices involved in the supervisory process. The course is designed for the experienced student who desires and expects to become an agency supervisor within the near future, and to assist practicing supervisors in developing additional competencies. Attention is given to issues of direct practice supervision and licensure.

CSSW 522	**Public Health Social Work Practice**	3 Credits

This course prepares social work students for advanced practice in the area of public health with a focus on disease prevention. Students are introduced to the historical development of public health practice, current public health issues, policies and procedures, research, assessment, and intervention strategies. Professional values and ethics are promoted as a foundation for helping students accept the differences in health behaviors related to ethnicity, gender, race, culture, socioeconomic status, at-risk status, and sexual orientation. Students are exposed to content on humanistic values, Afrocentric Perspective and autonomous direct practice social work matrix roles as they relate to public health in social work.

CSSW 585	**Research Methods I**	3 Credits

This foundation course provides instruction in basic logic, process, concepts and methods of applied social work research. The course covers research methodologies and design to include interviews, focus groups, case studies, surveys, secondary data, record review, observation, and case file audits which may be applied to the investigation of social work issues at the individual and program level. The course is intended to foster an appreciation of evaluating practice and accountability.

CSSW 586	**Research Methods II**	3 Credits

This course provides instructions in the computation, interpretation, and application of statistical procedures that can be used in social work research and in social work practice; it is designed to provide basic statistical skills that will enable the student to more systematically implement and evaluate social work practice intervention. Training in the SPSS for windows computer software package is provided.

CSSW 589	**Research with an Emphasis on Application**	3 Credits

This course provides instruction in evidence-based practice as it relates to social work practice, theory, policy and research. Evidence-Based Practice (EBP) in Social Work is the planned use of empirically supported assessments and intervention methods combined with the judicious use of monitoring and evaluation strategies for the purpose of improving the psychological well-being of clients. EBP is expected to be goal directed and in the client's best interest in order to meet diverse population needs.

CSSW 590A	**Research Methods III: Thesis/Conceptual Paper**	4 Credits

This course provides instruction, feedback, and support to develop and complete the student's thesis or conceptual paper. The course will also provide instruction in the computation, interpretation, and application of analytical procedures that can be used in social work research and evaluation. This course will culminate in the completion of the student's thesis or conceptual paper.

CSSW 600A	**Human Behavior & the Social Environment I**	**3 Credits**

Students are exposed to the ecological social systems perspective in which to understand human development in contemporary contexts. A range of theoretical frameworks that addresses individual development from conception to adolescence within the family and social institutions will be explored. The Afrocentric perspective and humanistic paradigm will be the lens through which these issues will be addressed.

CSSW 600B	**Human Behavior & the Social Environment II**	**3 Credits**

This foundation course expands understanding of individual growth and development from young adult through late adulthood and death. A range of theoretical frameworks that address individual development within groups, organizations and communities will be explored. The Afrocentric perspective and humanistic paradigm will be the lens through which these issues will be addressed.

CSSW 603	**African-American Families**	**3 Credits**

This advanced course examines historical and contemporary forces impinging upon African American families and the resultant survival strategies for these families. The Afrocentric perspective is used in discussing African American families. An ecological/social system, "strengths" approach to the study of African American families represents the perspective for viewing social problems, particularly those of a physical and emotional nature.

CSSW 606	**Alcoholism and Drug Dependency**	**3 Credits**

This advanced course examines major issues in alcohol and drug dependency. Attention is given to the social, psychological, economic consequences for families where there is alcohol and drug dependency. Prevention and strategies for intervening with individuals and families from a range of ethnic and sociocultural backgrounds are explored for their usefulness. Finally, the roles of social workers in the field of alcohol and substance abuse are considered.

CSSW 609	**Emotional Disorder of Children and Adolescents**	**3 Credits**

This advanced course is designed to explore a range of factors, situations, and experiences that contribute to the development and progression of emotional disorders in children and adolescents.

CSSW 610	**Integrating Practice and Human Development with an Emphasis on Ethics**	**3 Credits**

This course is intended as a bridge course to integrate advanced social work practice skills and human development across the life span with an emphasis on ethics. Students will apply the principles of ethical decision-making and various value system approaches to the formulation of ethical issues explored in the context of biological, psychological and social substrates of normal and pathological behavior.

CSSW 611	**Psychopathology**	**3 Credits**

This course will focus on the clinical process of assessment and diagnosis from the perspective of social work practice. The Diagnostic and Statistical Manual of Mental Disorders (DSM-IV-TR) and other schemes for assessing and understanding human behavior, psychopathology, and mental disorders will be demonstrated and critically examined. A broad spectrum of developmental theory is drawn upon to further promote students' understanding of assessment and treatment interventions.

CSSW 700	**Social Welfare Policy and Services**	**3 Credits**

This foundation course is designed to assist students in acquiring knowledge of the history of America's response to the needs of the poor and oppressed, including legislative policies, and the development and role of the social work profession. Special attention is focused on general social problems, children, family and health issues, service program structures, and beginning skills for analyzing social welfare issues.

CSSW 706	**Law and Social Work**	**3 Credits**

This course is designed to provide students with an advanced overview and analysis of social work as it interfaces with the law. The course addresses various types of law-statutory, constitutional, regulatory, and common law as it related to systems functioning. It is not designed to turn professional social workers into lawyers, but rather to make encounters with lawyers and the legal system less mysterious and more beneficial to the client population. At the conclusion of this course, the student is able to recognize how federal and state court systems operate, attain a level of confidence with respect to court testimony, understand the value of effective social work advocacy, develop cognizance of professional licensing and practice issues, and use basic legal terms and legal library resources for systems change.

CSSW 709	**Differential Policy Analysis**	3 Credits
This foundation course builds on CSSW 700 and is designed to assist students in developing conceptual, analytical, and political skills necessary to improve existing social policies, defeat policy initiatives incongruent and social work values, or establish new policies. Each student selects a social welfare policy or policy issues at the local, state, or federal level for analysis and advocacy action.		

CSSW 710	**Social Welfare Policy with an Emphasis on Georgia Policies**	3 Credits
This course is designed to enable students to become more knowledgeable about various state-level social welfare policies and programs and their implications for diverse and at-risk populations.		

CSSW 800	**Independent Study**	1-3 Credits
This is an independent, advanced study course that is arranged between a faculty member and a student on a specific topic of interest to the student that meets academic and professional requirements of the MSW Program. Students must have at least a 3.8 GPA to qualify for this course. Permission of both the Director of the MSW Program and the Dean is required.		

CSSW 801	**Integrative Seminar**	1 Credit
This advanced direct practice social work seminar is designed to integrate and synthesize the total experience for students enrolled in either the two-year, full-time, three-year, part-time, advanced-standing plan of study. This course enables the student to synthesize, refine and demonstrate comprehensive understanding of the MSW program goals and objectives, humanistic values, Afrocentric perspective, and autonomous social work practice roles.		

CSSW 900	**Historical Analysis of Social Welfare and Professional Social Welfare Practice**	3 Credits
This examines concepts, ideas/issues and theoretical approaches utilized in the study of social welfare policies in the United States and globally. A variety of theoretical approaches and perspectives are utilized to understand the rationale behind social welfare policies and how these policies impact the academic study and profession of Social Work in the United States.		

CSSW 901	**Social Welfare and Professional Social Work Policy Planning and Development**	3 Credits
This course creates awareness of sequential policy development on several levels, as well as fosters understanding of administration procedures, techniques and interventions that may be employed in the implementation of policies and programs.		

CSSW 910	**Research Methodology**	3 Credits
This course provides an in-depth understanding of descriptive and inferential statistics that enable students to master the procedures of statistical analysis as used in the field of social work.		

CSSW 911	**Descriptive and Inferential Statistics**	3 Credits
This course provides a dual focus. The major focus is on application of advanced research methods for the evaluation of human service programs. The secondary focus is on the use of multivariate statistics and microcomputers in evaluation and planning.		

CSSW 912	**Evaluative Research and Multivariate Statistics**	3 Credits
This course covers aspects of research methodology for social work planning and administration including; problem formulation, conceptual and operational definitions of variables, theory and literature selection, design, data analysis and data presentation; emphasis is placed on experimental and quasi-experimental designs and research for administration and computer applications in the analysis and presentation of data.		

CSSW 913	**Doctoral Seminar I**	3 Credits
This course is designed to teach students how to develop and refine a topic on which they may write their dissertation. It furthers the purpose of this course to teach students how to conduct a literature review based upon a topic on which they propose to write their dissertation.		

CSSW 914	**Doctoral Seminar II**	**3 Credits**
This course is a continuation of CSSW 913. It is designed to help students understand and apply various research methods they may use to collect and analyze data for conducting their research.		
CSSW 920	**Organizational Development**	**3 Credits**
This course is designed to enable students to understand and apply various theories of planned change in different organizational settings. Recognizing that organizations are organic living systems, the roles and competencies of leaders who seek to develop more effective organizations are explored. Primary attention is given to nonprofit human service organizations.		
CSSW 921	**Planned Change in Complex Organizations**	**3 Credits**
This course is designed to examine the theory and language of complex organizations and to better understand why human service organizations may be viewed as such. There is no doubt that the environments in which human service organizations operate have become considerably more complex. The communities served by these organizations, especially urban and suburban, continue to experience major socio-demographic change.		
CSSW 930	**Critique and Analysis of Managerial Theories**	**3 Credits**
This course provides a critique and analysis of various administrative and managerial theories, principles and concepts. It establishes a framework for assessing the potential applicability of selected managerial theories in human service agencies.		
CSSW 931	**Administration in Human Service Organizations**	**3 Credits**
This course builds on CSSW 930 and is designed to help students strengthen their managerial skills and acquire new skills that will enable them to function more competently as managers, and administrators of human service organizations.		
CSSW 995	**Doctoral Dissertation**	**3-6 Credits**
Dissertation writing under the direction of the major professor including presentation of the Prospectus. ***Repeatable for a maximum of 42 credits.***		