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## **COURSE DESCRIPTIONS**

**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 postindependence styles and trends.

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**CAAS 601: Directed Study.\*****Fall, 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.\*****Spring, 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 and CSPA 640, ENG 524).

\* Course may be repeated for credit.

For other course listings, see the Departments of Sociology and Criminal Justice, Economics, English, Foreign Languages, History and Political Science. Any courses taken outside of the Department must be approved in advance by the Department Chair and/or designated faculty advisor.

**CAAS 801: Thesis Consultation.\*****Fall, 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.*

**CAAS 802: Thesis Consultation.\*****Spring, 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.*

**CAAS 804: Thesis Research.\*****Fall, Variable 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.\*****Spring, Variable 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 652: Capstone I.****Fall, 3 credits**

Students are introduced 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.****Spring, 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.

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## COURSE DESCRIPTIONS

**CAWS 490: Introduction to Women's Studies.**

**3 credits**

A survey course which introduces the history, trends, basic ideas, scholars, problems, and content of Women's Studies programs. Open to undergraduate students.

**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.

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- 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: CAW 490 and CAWS 506.*
- Interdisciplinary Elective Courses:**
- 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 (for CENG 530).** **3 credits**  
A study of modern African novels written in English with attention to their social contexts.
- 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 ENG 592.)**
- 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
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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: M.A. Thesis Research.\* 1-6 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 603: Dissertation Research. 1-6 credits**

The tutorial is designed to assist students in the writing, research and oral defense of the dissertation proposal and the dissertation. 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 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. Fall, 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. Spring, 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.

\* May be repeated for credit.

\*\* May be repeated for credit up to 9 hours.

For other course listings, see the Departments of Sociology and Criminal Justice, Economics, English, Foreign Languages, History and Political Science. Any courses taken outside of the Department must be approved in advance by the Department Chair and/or designated faculty advisor.

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## COURSE DESCRIPTION

**CENG 500: English in the Secondary School and College.** **3 credits**  
(Identical to CEDC 562 English in the Secondary School and College)

Study of new materials and modern methods in the teaching of high school and freshman college English.

**CENG 501: Reading on the Secondary and College Levels.** **3 credits**

Scope and sequence of a developmental reading program at the secondary and college levels. Fuller description under School of Education (CEDC 583).

**CENG 502: Pro-Seminar: Materials and Methods of Research.** **3 credits**

Lectures and exercises in research in literature and language with emphasis on thesis problems; required of all students in English (first semester).

**CENG 503: Technical Writing.** **3 credits**

Introduction to principles, forms, and techniques of writing. Course includes computer-assisted instruction.

**CENG 509: Genres of Literary Expression.** **3 credits**

Studies in rotation of the formal parameters and evaluative criteria which define a given genre: the novel, biography and autobiography, drama and poetry (open only to students in the Doctor of Arts in Humanities Program).

**CENG 510: Early American Literature.**

Studies literature from the beginnings of The United States to the Civil War.

**CENG 511: American Poetry.** **3 credits**

Studies major works of American poetry, concentrating primarily on poetry after the Civil War,

**CENG 512: American Romantics.** **3 credits**

Studies in the literary and cultural currents of American Romanticism from Freneau to Dickinson (1750-1830). Course also includes American Renaissance Authors such as Emerson, Hawthorne and Melville and abolitionists Frederick Douglass and Frances E.W. Harper.

**CENG 513: American Realism and Naturalism.** **3 credits**

Studies in American Realism and Naturalism as major novelists from Samuel L. Clemens to Richard Wright (1835-1940).

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<b>CENG 514: The American Novel.</b>	<b>3 credits</b>
Studies the intellectual and aesthetic history of the American Novel from Hawthorne to Faulkner and J.D. Salinger.	
<b>CENG 515: Contemporary American Literature.</b>	<b>3 credits</b>
Studies in values, themes, styles, and genres in contemporary American literature.	
<b>CENG 516: Major Authors.</b>	<b>3 credits</b>
An intensive and inclusive study of preeminent authors writing in English, with emphasis on their uniqueness and contributions to the literary environment and traditions in which their works occurred.	
<b>CENG 520: Ideas and Forms in African-American Literature.</b>	<b>3 credits</b>
Examines and evaluates African-American writings from conceptual and historical perspectives to determine to what extent this literature is uniquely African-American.	
<b>CENG 521: African-American Poetry: From Dunbar to the Present.</b>	<b>3 credits</b>
Study of major poets from Dunbar to Lee, including Giovanni, Sanchez and other modern poets, within their cultural, historical, and literary contexts.	
<b>CENG 523: Poetry of the Harlem Renaissance.</b>	<b>3 credits</b>
Study of poetry of the period 1919-1934, which considers major black poets and critics, some minor black poets, and some relevant white poets and critics of the era.	
<b>CENG 524: Comparative Black Literature.</b>	<b>3 credit</b>
Comparative study of Afro-Romance and African-American literatures. Prerequisite: A reading knowledge of French and consent of instructor. Reading knowledge of Spanish strongly recommended but not required.	
<b>CENG 525: African-American Folklore.</b>	<b>3 credits</b>
Study of the principal characteristics of African and African-American folklore with specific emphasis on folk literature and the oral tradition.	
<b>CENG 530: The African Novel.</b>	<b>3 credits</b>
Study of modern African novels written in English with attention to their social contexts.	
<b>CENG 531: African Poetry in English.</b>	<b>3 credits</b>
Study of several major poets from West, East and Southern Africa.	
<b>CENG 532: Africana Cultural Traditions.</b>	<b>3 credits</b>
Analysis of the concept of a black worldview and culture, including readings in African-American, African and other Eastern aesthetics.	
<b>CENG 540: The English Novel.</b>	<b>3 credits</b>
Study of selected English and Irish novels from Defoe and Richardson to James Joyce and Graham Greene.	
<b>CENG 541: Victorian Poetry.</b>	<b>3 credits</b>
Study of poetry of the Victorian Age with Tennyson and Browning as major figures, but including also the works of other Victorian poets.	
<b>CENG 542: Literature of British Romantics.</b>	<b>3 credits</b>
Studies in the literature of the Romantic Movement in England including major English poets, such as Wordsworth, Coleridge, Keats and selected women writers.	
<b>CENG 543: Drama to the Renaissance.</b>	<b>3 credits</b>
Survey of drama traditions preliminary and parallel to English drama of the sixteenth and seventeenth centuries.	
<b>CENG 544: Shakespeare.</b>	<b>3 credits</b>
Intensive study of Shakespeare's tragedies, comedies, and histories.	

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**CENG 546: The Renaissance.**

Studies major writers of the Renaissance period, major themes, and relevant historical events.

**CENG 547: The Enlightenment.**

**3 credits**

Study of literary trends of the 17th and 18th centuries. English writers include Hobbes, Locke, Dryden, Pope, Swift, and Johnson. Readings include some key formative influences from France, such as Descartes and Voltaire.

**CENG 548: Modern Drama.**

**3 credits**

Survey of representative and important European and American plays from Ibsen to dramatists of the post-World War II period.

**CENG 560: Literary Theory and Criticism.**

**(Replaces CENG 685, Literary Criticism).**

**3 credits**

Survey of the principles governing the creation, appreciation, and valuation of literatures as they have developed over the centuries, especially as defined and redefined during the contemporary period.

**CENG 561: Comparative Literature.**

**3 credits**

Studies in multicultural literatures stemming from Europe, Asia, and Africa. Knowledge of French, Spanish, Chinese or African languages is useful but not required.

**CENG 580: Modern Linguistics.**

**3 credits**

Introduction to modern descriptive linguistics and the principles of generative grammar.

**CENG 581: History of the English Language.**

**3 credits**

Study of the nature and function of language; the development of English sounds, forms and syntax; modern English grammar, vocabulary, and American speech.

**CENG 582: African-American Dialects.**

**3 credits**

Examination of theories and descriptions of African-American speech, especially the hypothesis of decreolization. *Prerequisite: ENG 580, 581, or permission of the instructor.*

**CENG 590: Contemporary Africana Women's Fiction.**

**3 credits**

Examination of the fiction by women throughout the African diaspora with attention given to the roles and status of women in these societies.

**CENG 591: African-American Women Writers: Genre.**

**3 credits**

Study of a particular genre of literature by African-American women writers. Genre, i.e., fiction, poetry and drama, will vary each term the course is taught.

**CENG 592: Caribbean Women Writers: Genre.**

**3 credits**

Examination of writings by women of the English, French, and Spanish speaking Caribbean. Knowledge of French or Spanish will be useful. Genres (fiction, poetry and drama) may vary each term the course is taught.

**CENG 593: Ethnic American Women Writers.**

**3 credits**

Study of writings from women of various American ethnic groups. While the focus will be on women writers of color, attention will be given also to influential Euro-American ethnic writers.

**CENG 594: Southern Women Writers.**

**3 credits**

Examination of the texts and the tensions emerging from the literary experience of women writing in the southern United States. Attention will be given to prevailing southern themes of race, class, gender, and heritage.

**CENG 600: Independent Study.**

**3 credits**

Studies of works in areas not offered in scheduled classes or seminars (offered on demand and supervised by selected faculty).



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## Course Descriptions – French

### **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 credit under CFRE 056). One does not need any prior knowledge of French to be enrolled in this course.

### **CFRE 509/510: Directed Readings in French.**

**3-6 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

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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 638: Francophone Literature.** **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.

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**CFRE 761/762: French Seminar.** **3-6 credits**  
The examination, documentation, resolving and presentation of research problems in a specific field.

**CFRE 801/802: Thesis/Dissertation Consultation.** **1 credit**

**CFRE 805/806: Thesis/Dissertation Research.** **Variable credit**

### Course Descriptions – Spanish

**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 credit under CSPA 056). One does not need any prior knowledge of Spanish to be enrolled in this course.

**CSPA 509/510: Directed Readings in Spanish.** **3-6 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.

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<b>CSPA 620: Afro-Hispanic Literature.</b>	<b>3 credits</b>
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.	
<b>CSPA 622: Galdós, The Generation of 1868 and Naturalism.</b>	<b>3 credits</b>
Study of the works of Clarín, Valera, Alarcón, Pereda, Palacio Valdés, Pardo and Blasco Ibáñez.	
<b>CSPA 623: The Generation of 1898.</b>	<b>3 credits</b>
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.	
<b>CSPA 625: The Twentieth-Century Latin American Novel.</b>	<b>3 credits</b>
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.	
<b>CSPA 628: Hispanic Minorities in the United States.</b>	<b>3 credits</b>
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.	
<b>CSPA 632: Hispanic Writers of the United States.</b>	<b>3 credits</b>
Literature as group movement, periodicals as forums, as well as the works of individual writers studied.	
<b>CSPA 640: Seminar in Comparative Black Literature.</b>	<b>3 credits</b>
Selected research problems comparing and contrasting traditions in Francophone, Afro-Hispanic and African-American literature.	
<b>CSPA 650: Spanish Linguistics.</b>	<b>3 credits</b>
An in-depth appreciation of the nature, function and structure of the Spanish language—sounds, vocabulary, syntax—based on selected readings, lectures and discussions.	
<b>CSPA 716: Comparative Romance Culture and Civilization.</b>	<b>3 credits</b>
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.	
<b>CSPA 717: Romantic to Modern Poetry.</b>	<b>3 credits</b>
Development of poetic trends, movements and philosophies in Spain in the nineteenth and twentieth centuries.	
<b>CSPA 718: Modern Prose.</b>	<b>3 credits</b>
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.	
<b>CSPA 719: Classical to Modern Drama.</b>	<b>3 credits</b>
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.	
<b>CSPA 761/762: Spanish Seminar.</b>	<b>3-6 credits</b>
The examination, documentation, resolving and presentation of research problems in a specific field.	
<b>CSPA 801/802: Thesis/Dissertation Consultation.</b>	<b>1 credit</b>
<b>CSPA 805/806: Thesis/Dissertation Research.</b>	<b>Variable credit</b>

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## COURSE DESCRIPTIONS

- 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 in the United States through Reconstruction.
- CHIS 564: The African-American in the United States Since 1877.** **3 credits**  
Study of the social, economic, political and cultural development of African Americans in the United States 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 (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 (offered on demand).
- 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 (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**  
Examines the social, political, and economic development of sub-Saharan African societies from the earliest times to the end of the 18th century, emphasizing their interaction with, and assimilation of, diverse ethnic groups and non-African peoples, ideas, and material culture.

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<b>CHIS 681: History of Africa Since 1800.</b>	<b>3 credits</b>
Examines the development of African societies after 1800, emphasizing the legacy of colonialism, growth of African nationalism, and contemporary issues of African nations.	
<b>CHIS 682: Seminar in African History.</b>	<b>3 credits</b>
Explores in-depth selected aspects of African history from earliest times to the present.	
<b>CHIS 685: Christianity and Colonialism in Africa.</b>	<b>3 credits</b>
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.	
<b>CHIS 795: Advanced Historiography and Methodology.</b>	<b>3 credits</b>
Designed to train students in methods of research, thesis writing and historiography.	
<b>CHIS 691: Thesis Consultation-Master of Arts.</b>	<b>1 credit</b>
<b>CHIS 695: Thesis Research-Master of Arts.</b>	<b>1-3 credits</b>
<b>CHIS 801: Dissertation Consultation.</b>	<b>1 credit</b>
<b>CHIS 805: Dissertation Research.</b>	<b>1-3 credits</b>
<b>CHIS 780/781: History Internship.</b>	<b>3 credits</b>
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.	
<b>CHIS 801: Dissertation Consultation.</b>	<b>1 credit</b>
<b>CHIS 805: Dissertation Research.</b>	<b>1-3 credits</b>

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## THE HUMANITIES COMPONENT

**CHUM 675: Humanistic Inquiry.** **3 credits**  
Introduces fundamental concepts and methods of humanistic studies generally and those which are basic to various disciplines in humanities, including literary criticism and historiography.

**CHUM 676: 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 677: 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, including the role of cultural diversity in defining popular culture.

**CHUM 678: Ideas and Exemplars.** **3 credits**  
Investigates the contexts and processes in which seminal ideas are created in a particular ethos, and the principles determining their transformation in subsequent epochs and diffusion.

**CHUM 681: Higher Education in the United States.** **3 credits**  
Considers the history, present status, curricular models and projections of higher education including significant trends in the operation and development of higher education institutions.

**CHUM 682: Teaching and the Humanities.** **3 credits**  
Examines the principles governing college programs in humanities and various course designs, materials and strategies for achieving the ends of humanistic education.

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## THE PEDAGOGY COMPONENT

### **CHUM 683-684: The Internship.**

**3 credits**

Entails practical experience in applying the pedagogical principles, research, and methods studied in CHUM 681-682. In some cases, the internship requirements may be satisfied by one semester, in which case an additional content course may be taken in lieu of a second semester of internship. Whenever possible, the internship will be based in one of the required undergraduate core curriculum courses in Humanities or in one of the humanities disciplines.



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<b>CBIO 504: Molecular Genetics.</b>	<b>Fall, 3 credits</b>
Prokaryotic and bacteriophage gene structure, function and regulation. Molecular details of DNA isomerization, replication, RNA transcription and translation. Also covers genetic code, rRNAs and tRNAs, molecular mechanisms transposition, mutation, repair and recombination in DNA.	
<b>CBIO 505: Microbial Physiology.</b>	<b>Spring, 3 credits</b>
Studies of living processes in prokaryotic cells. Topics of discussion on recent literature include cell structure and function, metabolism and regulatory networks, membrane transport, stress response, mechanisms of resistance to antibiotics and cellular differentiation.	
<b>CBIO 506: Cell Biology.</b>	<b>Spring, 3 credits</b>
Cellular structure, biosynthesis and function of eukaryotic cells.	
<b>CBIO 509: Methods and Techniques in Biology.</b>	<b>Fall, 3 credits</b>
Laboratory course covering techniques such as absorption and fluorescence spectroscopy, ultracentrifugation, diffusion, sedimentation, electrophoresis, spectrometry, x-ray diffraction, nuclear chemistry and chromatography.	
<b>CBIO 511: Protein Biochemistry.</b>	<b>Fall, 3 credits</b>
Discusses the structure and cellular functions of proteins.	
<b>CBIO 512: Intermediary Metabolism.</b>	<b>Spring, 3 credits</b>
Discusses the function and interaction of metabolic pathways in eukaryotic cells.	
<b>CBIO 551: Biostatistics.</b>	<b>Spring, 3 credits</b>
Course in statistical theory and methods as applied to biological research.	
<b>CBIO 552: Bioinformatics.</b>	<b>Fall, 3 credits</b>
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. <i>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.</i>	
<b>CBIO 589: Laboratory in Molecular Genetics.</b>	<b>Spring, 4 credits</b>
Laboratory course on recombinant DNA and sequencing methods.	
<b>CBIO 631: Advances in Biochemistry.</b>	<b>Fall, Spring, 3 credits</b>
Discussions on recent literature in a specific area of chemistry. <i>Prerequisites CBIO 511, 512.</i>	
<b>CBIO 633: Advances in Molecular Biology.</b>	<b>Fall, Spring, 3 credits</b>
Discussions on recent literature in a specific area of molecular biology. <i>Prerequisites: CBIO 504, 514.</i>	
<b>CBIO 635: Advances in Cellular Biology.</b>	<b>Fall, 3 credits</b>
Discussions on recent literature in a specific area of cellular biology. <i>Prerequisite: CBIO 506.</i>	
<b>CBIO 641: Advances in Molecular Genetics.</b>	<b>Fall, Spring, 3 credits</b>
Lectures, group discussions, assignments and formal presentations of recent literature in molecular genetics. <i>Prerequisites: CBIO 504, CBIO 491-492 or CBIO 506.</i>	
<b>CBIO 661: Research in Biochemistry.</b>	<b>Variable credit</b>
<b>CBIO 671: Research in Molecular Biology.</b>	<b>Variable credit</b>
<b>CBIO 681: Research in Cellular Biology.</b>	<b>Variable credit</b>

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## COURSE DESCRIPTIONS

### **CCHE 421: Advanced Inorganic Chemistry.**

**3 credits**

This is an introduction to the descriptive chemistry of the elements. The topics covered in this course include: Brønsted and Lewis acids and bases, electronic and molecular structure and coordination chemistry. This course cannot be counted in the credit hour requirement for the M.S. or Ph.D. degree. It is only used to meet a missing prerequisite requirement. (Three [3] lecture hours per week)

### **CCHE 431: Advanced Organic Chemistry I.**

**3 credits**

This course is a study of the advanced topics in carbon chemistry. The topics covered include: Critical evaluation of modern organic theory mechanisms and rearrangements. It also includes a detailed study of important organic reactions and their application to selected laboratory experiments. This course cannot be counted in the credit hour requirement for the M.S. or Ph.D. degree. It is only used to meet a missing prerequisite requirement. (Three [3] lecture hours and one [1] laboratory hour per week) *Prerequisites: CCHE 231 and 232.*

### **CCHE 432: Methods of Structure Determination.**

**3 credits**

This course covers the theory and techniques used in the determination of the structure of organic compounds. The topics covered include separation techniques as well as the use of UV/VIS, IR, NMR, ESR, Raman and mass spectroscopy to elucidate structures of organic compounds. This course can be counted as an elective in the credit hour requirement for the M.S. or Ph.D. degree of the organic division only. (Three [3] lecture hours and one [1] laboratory hour per week) *Prerequisite: CCHE 431.*

### **CHE 441: Mathematical Methods in Chemistry.**

**3 credits**

A study of the mathematical methods used in physical chemistry, including applications of linear algebra and

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differential equations. This course cannot be counted in the credit hour requirement for the M.S. or Ph.D. degree. It is only used to meet a missing prerequisite requirement. (Three [3] lecture hours per week) *Prerequisites: CCHE 341 and 342.*

**CCHE 451: Biochemistry I** (dual numbering with **CBIO 491**). **3 credits**  
Introduction to the structure and function of biological molecules, proteins, carbohydrates, lipids and nucleic acids. This course cannot be counted in the credit hour requirement for the M.S. or Ph.D. degree. It is only used to meet a missing prerequisite requirement. (Three [3] lecture hours per week) *Prerequisites: CCHE 231 and 232; CBIO 111 and 112.*

**CCHE 452: Biochemistry II** (dual numbering with **CBIO 492**). **3 credits**  
Basic metabolic pathways governing the function of cells and tissues (intermediary metabolism). Fundamentals of enzymatic catalysis, including kinetics and mechanism. This course cannot be counted in the credit hour requirement for the M.S. or Ph.D. degree. It is only used to meet a missing prerequisite requirement. (Three [3] lecture hours per week) *Prerequisites: CCHE 231 and 232; CBIO 111 and 112.*

**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.** **4 credits**  
A lecture and laboratory course covering the theory, design, practical uses and applications of typical spectroscopic and chromatographic instrumentation. Particular focus will be on the application of the instrumentation for chemical analysis. (This course is numbered 412 for undergraduate students). (Three [3] lecture hours and four [4] lab 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)

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- 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 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 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 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)
- CHE 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)
- CHE 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.
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**CHE 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. (Two [2] lecture hours and two [2] laboratory hours per week)

**CHE 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. (Three [3] lecture hours per week) 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.

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<b>CCHE 655: Membrane Biochemistry.</b>	<b>3 credits</b>
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.	
<b>CHE 654: Enzymology.</b>	<b>3 credits</b>
In depth treatment of enzyme regulation, kinetics and formal model of catalysis, the anatomy of enzymes, allosteric enzymes, selected topics may be selected based on mutual interests of students and instructor. (Three [3] lecture hours per week)	
<b>CCHE 673: Organic Chemistry of High Polymers.</b>	<b>3 credits</b>
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, macromonomers, synthetic inorganic polymers. (Three [3] lecture hours per week)	
<b>CHE 674: Topics in Polymer Chemistry.</b>	<b>3 credits</b>
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)	
<b>CCHE 700 Thesis Consultation.</b>	<b>1 credit</b>
<b>CCHE 710 Research in Analytical Chemistry.</b>	<b>Variable credits</b>
<b>CCHE 720 Research in Inorganic Chemistry.</b>	<b>Variable credits</b>
<b>CCHE 730 Research in Organic Chemistry.</b>	<b>Variable credits</b>
<b>CCHE 731 Research in Physical Biochemistry.</b>	<b>Variable credits</b>
<b>CCHE 740 Research in Physical Chemistry.</b>	<b>Variable credits</b>
<b>CCHE 750 Research in Biochemistry.</b>	<b>Variable credits</b>
<b>CCHE 760 Research in Industrial Chemistry.</b>	<b>Variable credits</b>
<b>CCHE 770 Research in Polymer Chemistry.</b>	<b>Variable credits</b>
<b>CCHE 790 External Research.</b>	<b>Variable credits</b>
<b>CCHE 901 Dissertation Consultation.</b>	<b>1 credit hour</b>

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### Thesis Requirement

A student writing a graduate thesis must complete CCIS 821 as continuation of the research/design project mentioned in (b) above, leading to a graduate thesis and final examination on its contents.

### Course Descriptions

**CCIS 500: Applications Software.** **3 credits**

For nonmajors, 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 503: Business Application Tools.** **3 credits**

Business tools for data analysis, spreadsheet and elementary database management; programming with SAS, SPSS-X, Lotus 1-2-3, DBASE III+, etc.

**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. *Prerequisite: CCIS 271, or approval of department.*

**CCIS 572: Introduction to Computer Architecture.** **3 credits**

Study of logical organization of computer hardware and functional components.  
*Prerequisites: CCIS 105, CCIS 106, CCIS 121, CCIS 200, CCIS 271.*

**CCIS 573: Introduction to Operating Systems.** **3 credits**

Study of basic operating system structures and designs, including process management, resource management and implementation.  
*Prerequisites: CCIS 121.*

**CCIS 574: Introduction to Database Systems.** **3 credits**

Study of basic concepts of databases, query processing and other topics of interest. *Prerequisites: CCIS 271.*

**CCIS 575: Introduction to Artificial Intelligence.** **3 credits**

Introductory study of intelligent problem solving and search algorithms, inference systems, machine intelligence and knowledge organization. *Prerequisite: CMAT 311.*

**CCIS 576: Programming Languages and Compilers.** **3 credits**

Overview of syntactic, semantic and pragmatic principles of programming. Parsing, translation and compiler construction. *Prerequisites: CCIS 227, CCIS 271.*

**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. *Prerequisites: CCIS 371, 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.  
*Prerequisites: CCIS 372, CCIS 572.*

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**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. *Prerequisites: CCIS 373, 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 374 or 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 375 or 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 376 or CCIS 576.*

**CCIS 681: Computability Theory.** **3 credits**  
Introduction to computability theory including recursive function theory, Turing machines and self-modifying programs. *Prerequisites: CCIS 271, CCIS 371 or 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: CCIS 321 or graduate standing.*

## CONCENTRATION: COMPUTER SCIENCE ENGINEERING

**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 121, CCIS 372 or 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.  
*Prerequisite: CCIS 372 or 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.  
*Corequisite: CCIS 709L*

**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 and CMAT 321. Corequisite: CCIS 711L.*



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## RESEARCH AND PRACTICAL TRAINING

<b>CCIS 800: Practical Training.</b>	<b>3 credits</b>
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: consent of the department.	
<b>CCIS 801: Topics in Computer Science.</b>	<b>3 credits</b>
Advanced study of a topic of current interest in the department, leading to a publishable technical report. Note: May be repeated for credit. Prerequisite: consent of the department.	
<b>CCIS 803: Research/Design Project in Systems Software/Hardware.</b>	<b>3 credits</b>
<i>Prerequisites: CCIS 672 and 673.</i>	
<b>CCIS 805: Research/Design Project in Data Base.</b>	<b>3 credits</b>
<i>Prerequisite: CCIS 674.</i>	
<b>CCIS 807: Research/Design Project in Distributed Systems/Networking.</b>	<b>3 credits</b>
<i>Prerequisite: consent of instructor.</i>	
<b>CCIS 809: Research/Design Project in Software Engineering.</b>	<b>3 credits</b>
<i>Prerequisite: CCIS 691.</i>	
<b>CCIS 811: Research/Design Project in Artificial Intelligence.</b>	<b>3 credits</b>
<i>Prerequisite: CCIS 675.</i>	
<b>CCIS 815: Research/Design Project in Information Systems.</b>	<b>3 credits</b>
<i>Prerequisite: CCIS 721.</i>	
<b>CCIS 821: Thesis Research.</b>	<b>3 credits</b>

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## COURSE DESCRIPTIONS

- CMAT 501: Calculus and Linear Algebra.** **3 credits**  
For nonmathematics students who are deficient in the tools of calculus and linear algebra.
- CMAT 521-522: Real Analysis I, II.** **6 credits**  
Limits of functions, sequences, continuity, differentiation, The Riemann Integral, sequences and series of functions, Theory of Lebesgue measure and integration (if time permits).
- CMAT 523-524: Complex Variables I, II.** **6 credits**  
Theory and applications of functions of a complex variable; topics include analytic functions, contour integration, harmonic functions, conformal mapping and analytic continuation.
- CMAT 525-526: Algebra I, II.** **6 credits**  
Abstract algebra will cover the basic theory of groups, Sylow theorems, rings, integral domains, fields and modules; advanced topics include Galois theory and category theory.
- CMAT 527-528: Topology I, II.** **6 credits**  
Study of topological concepts including metric and topological spaces, continuity, connectedness, completeness, compactness and product spaces.
- CMAT 541-542: Principles of Applied Mathematics I, II.** **6 credits**  
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 601-602: Probability Theory and Stochastic Processes I, II.** **6 credits**  
Probability theory including central limit theorem and ergodic theory. Also included is study of stationary processes, independent increment processes and Gaussian processes.
- CMAT 605: Partial Differential Equations.** **3 credits**  
Study of techniques for solving partial differential equations, including distributions, Sobolev spaces and Hilbert space methods.
- CMAT 607: Introduction to Numerical Methods.** **3 credits**  
Study of numerical algorithms for the solution of algebraic, differential and integral equations including error analysis.
- CMAT 608: Advanced Numerical Methods.** **3 credits**  
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**  
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**  
Study of basic concepts and ideas in the philosophy and foundations of mathematical sciences, topics varying with the needs of students.
- CMAT 675 – 676: Thesis Seminar I, II.** **6 credits**  
Study of a research topic leading to the completion of a graduate thesis.

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3. Completion of an exit exam.

Basic core courses for the Master of Science in Physics consist of the following: CPHY 501, CPHY 503, CPHY 515-516, CPHY 520, CPHY 531-532, CPHY 601-602, and CPHY 603-604. Students are advised to take at least one (1) course in computer science.

### COURSE DESCRIPTIONS

**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 waveguides. *Prerequisite: CPHY 322 (Electromagnetic Theory).*

**CPHY 515-516: Quantum Mechanics I and II.** **3 credits each**  
Nonrelativistic 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; semiclassical treatment of radiation.

**CPHY 520: Thermodynamics and Statistical Mechanics.** **3 credits**  
Review of first, second, and third laws; irreversible processes; microcanonical, canonical and grand canonical ensembles; the density matrix; Bose and Fermi systems. Kinetic theory and the Boltzmann transport equation.

**CPHY 531-532: Mathematical Methods I and II.** **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 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, compos 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.

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- CPHY 585-586: Applied Quantum Mechanics I and II.** **3 credits each**  
Application of quantum mechanical principles to the solution of selected problems in atomic, molecular, nuclear and solid-state physics.
- CPHY 601-602: Departmental Seminar.** **No credit**  
Required of all graduate students in the Department.
- CPHY 603: Thesis or Nonthesis Research.** **Variable credits**  
Designed to assist students in the development and writing of the thesis or the nonthesis research project.
- CPHY 604: Thesis or Nonthesis Research Project Consultation.** **1 credit**  
Designed for students who are in the final stage of thesis writing or nonthesis research project writing, which requires minimal supervision and assistance.
- 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 dielectric media. Prerequisite: CPHY 504 (Modern Optics).
- 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.

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## COURSE DESCRIPTIONS

### **SCJ 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.

### **SCJ 501: Classical Theories in Sociology and Criminology.**

**3 credits**

The course covers classical contributions of Auguste Comte, Herbert Spencer, Emile Durkheim, Karl Marx, and Max Weber among others, and examines classical, neoclassical, and psychological theories of crime.

### **SCJ 502: Contemporary Theories in Sociology and Criminology.**

**3 credits**

The course covers contemporary contributions of Talcott Parsons, W.E.B. DuBois, Vilfredo Pareto, Hans Gerth and C. Wright Mills, and examines social disorganization, differential association, labeling, conflict, and social control theories of crime among others.

### **SCJ 503: Research Methods I.**

**3 credits**

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.

### **SCJ 504: Research Methods II.**

**3 credits**

Covers sociological application of specific research methods: conceptualization, designing, measurement, construction of scales, testing for validity and reliability of responses, and other measures. *Prerequisites: SCJ 503.*

### **SCJ 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.

### **SCJ 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.

### **SCJ 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.

### **SCJ 517: Correctional Systems.**

**3 credits**

A study and analysis of correctional institutions, including historical development, trends, alternatives and changes in the field of corrections.

### **SCJ 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.

### **SCJ 519: Practicum.**

**3 credits**

A planned, supervised program of research, observations, study and work in selected criminal justice and other social agencies.

### **SCJ 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.

### **SCJ 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.

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- SCJ 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.
- SCJ 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.
- SCJ 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 countries; technology, agriculture and industry, education, public administration, role of women, and population growth.
- SCJ 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.
- SCJ 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.
- SCJ 557: Medical Sociology II: Aging and Dying.** **3 credits**  
Seminar focused on contributions of social and behavioral science studies of aging and dying. (SCJ 555 is NOT a prerequisite for this course.)
- SCJ 559: Deviant Behavior.** **3 credits**  
Attention to studies of mental disorder, addictive disorders, crime and delinquency, and other social anomalies in contemporary society.
- SCJ 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.
- SCJ 563: The Family.** **3 credits**  
A review of the American family; its heritage, contemporary forms, functions, challenges, and future projections.
- SCJ 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.
- SCJ 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.
- SCJ 571: International Criminality, National Security & 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.
- SCJ 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.

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- SCJ 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.
- SCJ 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.
- SCJ 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.
- SCJ 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.
- SCJ 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.
- SCJ 590: Selected Topics Seminar II.** **3 credits**  
This course is the same as SCJ 589. It affords the student an opportunity to further study a given topic or examine a different topic while earning additional credit hours.
- SCJ 603: Statistics II.** **3 credits**  
This course is designed to provide 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: SCJ 503 and SCJ 505.*
- SCJ 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.*
- SCJ 698: Thesis Consultation.** **1 credit**  
Direct advisement with faculty in the completion of the thesis and research writing process.
- SCJ 699: Thesis Research.** **3 credits**  
Same as SCJ 801, but can serve as an option to meet financial aid and other "minimal load" requirements.

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## POLITICAL SCIENCE CURRICULUM

The political science curriculum is organized around the political experience of black people in America and throughout the world. Listed below are course descriptions for graduate-level offerings in the Department arranged by subfields.

**CPSC 500: Departmental Seminar.** **Noncredit**

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.

### AFRICAN POLITICS

**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 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 ethnoregional groups and social classes. *Prerequisite: CPSC 591.*

### COMPARATIVE POLITICS

**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



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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 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.

## **INTERNATIONAL POLITICS**

**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 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 573: United States Foreign Policy.** **3 credits**

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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.

## **THEORY AND METHODOLOGY**

**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 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 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.

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**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.

#### **U.S. GOVERNMENT AND POLITICS**

**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.

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**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.

**CCPSC 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 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.

**CCPSC 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.

## **URBAN POLITICS**

**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 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.

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<b>CPSC 519: Urban Politics.</b>	<b>3 credits</b>
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.	
<b>CPSC 520: Politics of Public Finance.</b>	<b>3 credits</b>
Basic concepts and modes of government financing, especially those of local government, with attention to implications for units of government under black political authority.	
<b>CPSC 522: Urban Political Movements.</b>	<b>3 credits</b>
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.	
<b>CPSC 523: Atlanta City Politics.</b>	<b>3 credits</b>
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.	
<b>CPSC 525: Political Demography and Urban Change.</b>	<b>3 credits</b>
Analysis of impact of population shifts and other demographic factors upon urban change; special emphasis upon black migration patterns and resulting public policy.	
<b>CPSC 526: Approaches to the Study of Urban Politics.</b>	<b>3 credits</b>
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.	
<b>CPSC 640: Independent Research.</b>	<b>3 credits</b>
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.	
<b>CPSC 701: Thesis Consultation.</b>	<b>1 credit</b>
<b>CPSC 705: M.A. Thesis Research.</b>	<b>3 credits</b>
<b>CPSC 801: Dissertation Consultation.</b>	<b>1 credit</b>
<b>CPSC 805: Dissertation Research.</b>	<b>3 credits</b>

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## COURSE DESCRIPTIONS

**CPAD 501: Public Administration - Survey of the Field.** **3 credits**  
Study of basic principles and practices of public administration in the U.S.; focuses on organizational issues, administrative processes, administrative ethics, decision-making and problem solving.

**CPAD 502: Organization Theory and Bureaucratic Behavior.** **3 credits**  
Emphasis on organizational dynamics in modern public organizations; classic and contemporary organizational theory; organizational linkages, human behavior in organizational settings.

**CPAD 503: Research Methods.** **3 credits**  
Traditional research techniques introduced; research design and preliminary analysis presented; also research ethics and methods of formal preparation and presentation of reports.

**CPAD 504: Research Data Analysis.** **3 credits**  
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 analyses.

**CPAD 505/CECO 520: Economics for Public Administrators.** **3 credits**  
Designed to provide public administrators with fundamental economics background necessary to understand and implement policy; topics include fiscal and monetary policy, government regulation of the private sector, the

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federal budget and local fiscal problems.

**CPAD 506: Public Budgeting and Finance.** **3 credits**  
Examination of public sector budgeting; special emphasis on federal budget practices and procedures; unified budgets; national income accounts; budget cycle; executive and legislative roles in the budget process.

**CPAD 507: Formulation of Public Policy.** **3 credits**  
Emphasizes the moral, ethical and competitive nature of policy formulation. Contemporary models of policy analysis explored; students required to analyze development of selected public laws from inception to enactment.

**CPAD 508: Human Resource Management.** **3 credits**  
Develops understanding of and competencies in strategic human resource policies, methods and techniques as organizational management functions.

**CPAD 509: State and Local Government Finance.** **3 credits**  
Detailed study of activities and approaches to public fiscal management at state and local levels; examination of capital budgeting, debt management, cash taxation and forecasting.

**CPAD 510: Program Design, Implementation and Evaluation.** **3 credits**  
Techniques for designing programs and implementing new programs with existing organizations are explored; methods of evaluation of program operations and achievement of primary and secondary objectives are introduced.

**CPAD 511: Applied Urban Management.** **3 credits**  
Application of management concepts to operations of urban units of governments; emphasis on performing management tasks and use of techniques for interacting with diverse interest groups in the urban setting.

**CPAD 512: Internship.** **3 credits**  
A minimum of twelve (12) weeks in an approved, supervised internship is required.

**CPAD 513: Independent Study.** **3 credits**  
Offered by special arrangement with faculty in areas approved by the Department.

**CPAD 514: Public Management.** **3 credits**  
Focuses on managerial practices in government at all levels. Cases are used to study public management.

**CPAD 515: Comparative Administration.** **3 credits**  
Cross-national examination of selected public bureaucracies, analysis of concepts, issues and problems of development administration in Third-World countries.

**CPAD 516: Fundamentals of Social Policy.** **3 credits**  
Focuses on the basics of social policy in the U.S. with discussions on the role of government and contributions of policy sciences to social policy development.

**CPAD 517: Labor-Management Relations.** **3 credits**  
History and current state of collective bargaining in the public sector explored; laws and practices affecting collective bargaining in the public sector are examined. Critical labor-management relations issues are analyzed in the context of work-force development and organizational effectiveness.

**CPAD 518: Strategic Human Resource Planning.** **3 credits**  
Emphasis is on depth analysis of human resource planning and development for organizational needs, planning tools, techniques and methods are presented; particular focus on succession planning and strategic human resource planning.

**CPAD 519: Development Administration.** **3 credits**  
Explores evolution of theories and principles of development administration from initial focus of institution-building in the 1960s to basic human needs approaches of the 1970s to current emphasis on capacity-building within the context of international development organizations.

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- CPAD 520: International Administration.** **3 credits**  
Examines the proliferating number of governmental and nongovernmental organizations in the international system with emphasis on the United Nations organizations and United States Overseas programs. Issue areas such as personnel and staffing policies, as well as the role and impact of development administration and international organizations in today's interdependent global village are covered.
- CPAD 521: Principles of Community and Economic Development.** **3 credits**  
Introduction to national planning and decision-making process as well as methods and techniques frequently employed in developing plans, projects and programs to achieve community and economic development goals in urban areas.
- CPAD 523: Development Finance.** **3 credits**  
Focuses on the centrality of government-initiated financial/budgetary activities and instruments commonly used to finance infra-structural development; also examines existing problems of financial management practices and budget approaches to overall financial capacity of less-developed countries.
- CPAD 524: Seminar: Contemporary Problems in Urban Management.** **3 credits**  
Current trends and new concepts in solving problems in managing the urban environment; alternative modes of service delivery are explored.
- CPAD 525: Seminar: Public Policy Formulation and Analysis.** **3 credits**  
Discussion and analysis of selected issues and policies; impact of selected policies a central focus.
- CPAD 526: Seminar: Topics in International Administration and Development Management.** **3 credits**  
Examines selected topics in international and development administration; emphasis on developing conceptual tools for analysis and resolution of problems relating to administration and management of societal changes and development.
- CPAD 527: Compensation Management.** **3 credits**  
Concepts theories, developments and practical applications in the compensation management field are presented. Characteristics and design of compensation plans are evaluated based on their cost and effectiveness, as well as the return on the organizations' investment.
- CPAD 528: Seminar: Human Resources Management.** **3 credits**  
Modern practices and techniques in management of human resources are presented for discussion and analysis. The expanded functions of human resource management are highlighted.
- CPAD 529: Paper Research.** **3 credits**
- CPAD 530: Paper Consultation.** **1 credit**
- CPAD 531: Seminar: Contemporary Problems in Community and Economic Development** **3 credits**  
Focuses on a discussion of some of the major issues/policies in the field of community and economic development with an emphasis on identifying creative solutions. Innovative practices in various communities are highlighted as "models" for potential replication.



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## COURSE DESCRIPTIONS

**CSB 5606: Advanced Auditing and Analytical Procedures.** **3 credits**

Utilization of analytical procedures to understand a client's business; identify unusual trends, relationships, and variations 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.

**CSB 5690: Governmental and Nonprofit Accounting.** **3 credits**

Provides a working knowledge of governmental and nonprofit accounting and financial reporting, and prepares students for professional certification in these areas. The course incorporates real world problems in the study of governmental accounting regulations. Nonprofit accounting instruction gives students the knowledge needed to work with nonprofits as auditors, board members, or volunteers.

**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. *Prerequisites: None. Not open to Dual-Degree in Accounting and Master of Accounting students.*

**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 grade of "C." Not open to Dual-Degree in Accounting and Master of Accounting students.*

**CSB 6611: Intermediate Accounting I.** **3 credits**

A one-semester course introducing the conceptual framework of accounting, financial statements, current assets, fixed assets, long-term investments, liabilities, owners' equity, and special problems in income determination and reporting. *Prerequisite: CSB 6610, Managerial Accounting with a minimum grade of "C."*

**CSB 6612: Intermediate Accounting II.** **3 credits**

A one-semester course introducing the conceptual framework of accounting, financial statements, current assets, fixed assets, long-term investments, liabilities, owners' equity, and special problems in income determination and reporting. *Prerequisite: CSB 6611, Intermediate Accounting I with a minimum grade of "C."*

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**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

**CSB 6620: Strategic Cost Analysis.** **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.

**CSB 6621: Accounting Practice I.** **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.

**CSB 6622: Accounting Practice II.** **3 credits**

A case-based and problem-solving graduate seminar class that provides the students with the opportunity to identify and research issues in accounting; prepares for the CPA or CMA certification using review materials; and enhances the students' professional written communication skills.

**CSB 6623: Advanced Accounting Information Systems.** **3 credits**

Study of accounting systems data security, fiduciary and reliability risks and mitigating internal controls. Emphasis is on the revenue and expenditure cycles and computer-assisted audit techniques.

**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 examined include investigating theft and concealment, conversion investigation methods, inquiry methods, and fraud reports.

**CBS 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 course work and provides an experiential knowledge base for their remaining graduate course work.

**CSB 7600: Special Problems in Accounting.** **3 credits**

A one-semester course including discussions of selected issues in Accounting. *Prerequisite: Permission of the instructor.*

**MBA for Working Professionals (MBAWP) Accounting Courses**

*These courses are not open to full-time students*

**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. *Prerequisites: 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. *Prerequisite: Acceptance to the Working Professionals Master of Business Administration degree program and CSB 8610, Financial Accounting with a minimum 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. *Prerequisite:*

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## **MBA CORE COURSES**

(REQUIRED FOR ALL MBA PROGRAM STUDENTS)

### **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: Macroeconomics.**

**3 credits**

Focuses on aggregative economics, magnitudes of output, employment, investment, savings and money supply aspects of the economy.

### **CSB 5513: Microeconomics.**

**3 credits**

Focuses on the decision processes of consumers and firms and examines their interaction in the marketplace.

### **CSB 6510: Statistical Analysis for Business and Economics (Same as CECO 600).**

**4 credits**

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

### **CSB 6512: Production and 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.*

*Elective Courses.* (Four courses required for Decision Sciences area of concentration in MBA Program. Open to other MBA students as electives.)

### **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 computer security; 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.*

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**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 7500: Special Problems in Decision Sciences.** **3 credits**  
*Prerequisite: permission of instructor.*

**MBA courses for Working Professionals (WPMBA)**

*These courses are not open to full-time MBA Students*

**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.

**SB 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 Baldrige Quality Award, and ISO 9000 series and ISO 14000 series.

**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

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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, controls, etc.

**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.

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## Course Descriptions

**CECO 500: Advanced Macroeconomic Theory.** **Fall, 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. *Prerequisite: CECO 315, or consent.*

**CECO 501: Advanced Microeconomic Theory.** **Spring, 3 credits**

Analyzes the theory of consumer behavior and production and the pricing mechanism in competitive and noncompetitive markets. *Prerequisite: CECO 316, or consent.*

**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. *Prerequisite: Principles of Economics or consent.*

**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. *Prerequisite: CECO 315 or consent.*

**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. *Prerequisites: CECO 500, consent.*

**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. *Prerequisites: CECO 316, 369, or consent.*

**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. *Prerequisite: CECO 324, or consent.*

**CECO 513: International Economics.** **3 credits**

An analysis of theories of international trade, balance of payment problems and current issues in commercial policy. *Prerequisites: CECO 315, CECO 316, or consent.*

**CECO 517: International and Regional Economic Order.** **Fall, 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 consent.*

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**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.*

**CECO 520: Economics for Nonmajors.** **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.** **Fall, 3 credits**  
Discusses formal models of labor demand and supply; investigates wage and labor market discrimination, segmented markets, labor processes, and trade union theories. *Prerequisites: CECO 315 and 316, or CECO 365.*

**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.*

**CECO 550: Mathematical Analysis for Economists I.** **Fall, 3 credits**  
Develops skills that translate economic and business problems and relationships into mathematical terms. *Prerequisite: CECO 308, or consent.*

**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: consent.*

**CECO 600: Statistical Analysis for Business and Economists.** **Fall, 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.** **Spring, 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 consent.*

**CECO 602: Econometrics II.** **3 credits**  
Studies the construction, estimation and testing of economic models. *Prerequisite: CECO 601.*

**CECO 801: Thesis Research.** **Fall, Spring, Summer, 3 credits**  
Designed to assist students in the development and writing of the thesis.

**CECO 805: Thesis Consultation.** **Fall, Spring, Summer, 1 credit**  
For students who are in the final stage of their thesis writing, which requires minimal supervision and assistance.

**NOTE:** Seminar/Topic courses require permission of the student's advisor and the instructor, and may be taken as an independent study provided the prerequisites are fulfilled.

#### **Advanced Undergraduate Courses**

Approved 400-level courses may be taken for graduate credit (i.e., in addition to the Requirements for Graduation):

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**CSB 5410: Financial Management.**

**4 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: SB 6600.*

**Elective Courses in Finance**

**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: SB 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: SB 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, inter-national operations and the international financial system, asset securitization and

other contemporary topics in financial services. Teaching methods include lectures, cases and problem solving. *Prerequisite: SB 5410.*



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**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. *Prerequisite: SB 5410.* 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.

**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. *Prerequisite: SB 5410.* This is a required course for all MBA students with a concentration in Finance.

**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: SB 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: SB 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. *Prerequisite: SB 5410.* 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.

**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: permission of the instructor or SB 5410.*

**MBA for Working Professionals (MBAWP) Finance Courses**

*These courses are not open to full-time students.*

**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 8431: Financial Management II.****1.7 credits**

This course is the second 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

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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 second part covers topics in valuation, the trade-off between risk and return (including the CAPM), capital budgeting and cost of capital estimation.

**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 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 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 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 subdisciplines 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.

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In addition, students learn the use of hedging strategies to minimize the risks associated with global business operations.

**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 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: 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 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 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: first year's core courses.*

Elective Courses (Open to all full-time MBA students)

**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.*

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**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 formal 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 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 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.*

**MBA Courses for Working Professionals (WPMBA)**

*These courses are not open to full-time MBA students.*

**CSB 8731: Organizational Behavior/Leadership.****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 8741: Leadership.****1.75 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 8711: Executive Leadership I.****.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 8721A: Organizational Behavior.****CSB 8720: Communications Workshop.****CSB 8721B: Executive Leadership II.**

**This is a continuation of CSB 8711.**

**CSB 8731B: Executive Leadership III.**

**This is a continuation of CSB 8721B.**

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**CSB 8741: Executive Leadership IV.**  
This is a continuation of CSB 8731B.

**CSB 8751: Executive Leadership V.**  
This is a continuation of CSB 8741.

**CSB 8761: Executive Leadership VI.**  
This is a continuation of CSB 8751.

**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 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.

Elective Courses (Four required for marketing area of concentration in the MBA Program. Open to other MBA students as electives)

**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: SB 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: SB 5210. Experience writing research paper using SPSS to analyze database.*

**CSB 6211: Distributive Systems in Marketing.**

**3 credits**

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

**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.

**CSB 6216: Dynamic Cases in Marketing. 3 credits**

Seminar employing current complex cases for analysis and integration of the various marketing functions. *Prerequisite: SB 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: SB 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 postlaunch controls, and abandonment. *Prerequisite: SB 5210.*

**CSB 7200: Special Problems in Marketing. 3 credits**

Independent-study course requiring pragmatic research. *Prerequisite: permission of instructor.*

MBA Program for Working Professionals (Required for all MBA students)

*These courses are not open to full-time MBA students.*

**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.

Elective Courses (Four required for marketing area of concentration in the MBA Program. Open to other MBA students as electives)

**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 (required for marketing concentration). *Prerequisite: CSB 8510.*

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**SB 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 6212: Advertising and Promotion Management.**

**1.7 credits**

Focus 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, 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 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 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 postlaunch controls, and abandonment.

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**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.*

**CCPS 502: Helping Relationship Skills.**

**3 credits**

Provides a broad understanding of the theoretical foundations of the helping processes necessary for building



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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 & 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.*

**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, 502, 503, & 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, 502, & 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 & 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.*

**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. *Prerequisite: CCPS 501,*

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502, 503, 504, 505 & 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. *Prerequisite: CCPS 501, 502, 503, 504, 505, 506, & 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, 502, 503, 504, 505, 506 and Candidacy.*

**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, 502, 503, 504, 505, 506 and Candidacy.*

**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, 520 and Candidacy.*

**CCPS 530: Community Counseling.**

**3 credits**

Provides a theoretical framework that focuses on meeting the counseling needs of identified target populations in a programmatic fashion. Prevention, crisis intervention, consultation and community-based interventions will be presented as well as needs assessments, goals formulation, intervention design and program evaluation. *Prerequisites: CCPS 501, 502, 503, 504, 505, 506 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, 502, 503, 504, 505, & 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, 502, 503, 504, 505, & 506.*

**CCPS 534: Community Counseling Practicum (100).**

**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 and Candidacy.*

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- 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. *Prerequisite: Candidacy.*
- 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, 502, 503, & 504.*
- CCPS 540: School Counseling Internship I.** **3 credits**  
Supervised field 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, 520, 521, 522, 524 and Candidacy.*
- CCPS 541: School Counseling Internship II.** **3 credits**  
Capstone clinical field placement. *Prerequisite: CCPS 540.*
- CCPS 542: Community Counseling Internship I.** **3 credits**  
Supervised field 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, 534 and Candidacy.*
- 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 chairperson.*
- CCPS 590: Master's Advisement.** **1 credit**  
Maintains status of students for preparation and administration of comprehensive examination. *Prerequisite: Approval of department chairperson.*
- 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 chairperson.*

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## COURSE DESCRIPTIONS

- CEDC 501: Psychology of Early Childhood.** **3 credits**  
Examines theories of behavior and development in young children.
- CEDC 502: Curriculum Planning for Early Childhood Education.** **3 credits**  
Curriculum development for preschool and primary grades. Attention given to the role of child development theories as a basis for curriculum planning.
- CEDC 503: Methods of Teaching in Early Childhood.** **3 credits**  
Exploration and demonstration of methods of teaching young children.
- CEDC 506: Teaching Science: P-5.** **3 credits**  
Explores the science curriculum and content, National Science Education Standards and instructional strategies appropriate for early childhood grades. Focuses on science process skills for the young child and on the major scientific concepts appropriate for this level. Laboratory and technology activities are included.
- 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 512: Teaching Mathematics: P-5.** **3 credits**  
Study of the mathematics curriculum, techniques and resources for teaching mathematics in the early grades; focuses on readiness skills in number sense and structure, operations, estimation, computation, and equivalent representations.
- CEDC 521: Teaching Social Studies: P-5.** **3 credits**  
Studies various techniques and strategies for teaching social studies concepts; curricula for the early grades are explored.
- CEDC 523: Social Studies: Cultural Diversity.** **3 credits**  
Explores content and concepts for teaching cultural diversity in social studies.
- CEDC 525: Health and Physical Education in Early Childhood.** **3 credits**  
Emphasizes methods and materials appropriate for teaching health habits and physical education activities.
- 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. *Corequisite: CEDC 530P.*
- CEDC 530P: Clinical Observation and Evaluation.** **0 credits**  
Twenty-five (25) hours' clinical observations of instructional strategies as practiced in the field. *Corequisite: CEDC 530.*
- CEDC 532: Trends, Issues and Approaches in Early Childhood Education.** **3 credits**  
Takes reading/language arts content for early childhood and places it in a curriculum framework of developmentally appropriate teaching/learning activities for the young child. Assessment strategies recommended for determining young children's performance are explored. *Corequisite: CEDC 532P.*

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- CEDC 532P: Practicum in Pedagogy and Content.** **0 credits**  
One hundred (100) hours' observing and assessing pedagogy and content in the Early Childhood classroom.  
*Corequisite: CEDC 532.*
- CEDC 534: Critical Advanced Reading/Language Arts for Early Childhood.** **3 credits**  
Focuses on content and concepts for reading and language arts P-5 emergent literacy; the comprehensive process in beginning reading; thinking and reading; vocabulary acquisition and word analysis strategies; and writing conventions, concepts and processes.
- CEDC 535: Critical Advanced Integrated Science and Mathematics for Early Childhood.** **3 credits**  
Effective instructional approaches and implementation strategies for the integration of elementary content standards that are culturally responsive and developmentally appropriate for the active involvement of elementary students in problem solving, mathematical reasoning, computation and communication. The course will present the integrated application of instructional strategies and technology that create and sustain successful learners.
- CEDC 536: Capstone Content for Early Childhood Education.** **3 credits**  
Students will participate in the advanced study of reading, math, science, social science, the arts, and physical education. A literature review and analysis of a selected philosophical or practical aspect of curriculum, assessment, or instructional technique relating to grades P-5 will be required. The relevant research in the capstone will be merged with the action research course.
- 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. *Corequisite: CEDC 538P.*
- CEDC 538P: Clinical Observation and Evaluation.** **0 credits**  
Fifty (50) hours observing and assessing instructional practices in Middle Grades and Secondary classrooms.  
*Corequisite: CEDC 538.*
- 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 (Web-enhanced; 25 field hours).
- CEDC 552: Action Research Seminar.** **0 credits**  
In-field observations of teaching and learning and the identification of a research problem. Periodic on-site meetings for reflection and feedback (Web-enhanced). *Corequisite: CEDC 551.*
- 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 CEDC552 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 562: Methods of Teaching in the High School and College.** **3 credits**  
Addresses major instructional approaches, techniques and strategies used in senior high school and college. Students apply these approaches in the respective content area.
- 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.

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**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 departmental approval.*

**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 departmental approval.*

**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. Lab 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 574: Integrated Mathematics and Science Instruction Using Technology.** **3 credits**  
The study of standards-based instructional approaches and materials for mathematics using concepts and principles in general science, biology, chemistry, and physics as the platform for teaching; incorporates the use of graphing calculators, personal computers, and access to the World Wide Web. *Prerequisite: Completion of all mathematics and science courses.*

**CEDC 580: Language Acquisition and Development: Birth to Age Twelve.** **3 credits**  
Surveys receptive and expressive language processing; attention to techniques of developing and evaluating communications skills of children from birth to age 12 (grades P-8).

**CEDC 581: Reading Instruction: P-5.** **3 credits**  
Concentrates on the techniques and approaches for developing reading skills in an elementary school developmental reading program; emphasis is on reading readiness, beginning reading skills and the content of the curriculum in the early grades.

**CEDC 586: Reading Instruction for Content Area Teachers.** **3 credits**  
Focuses upon selection and application of appropriate reading skills to reading material used in content areas and considers techniques of evaluating comprehensibility and comprehension of materials used in school subjects.

**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 in two of the following grades levels: P-K, 1-3, 4-5).

**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 in grades 6-8 and 8 weeks in grades 9-12).

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- CEDC 598: Independent Study.** **1-3 credits**  
Directs student inquiry into theoretical and practical interests of students; contractual arrangement with professor.  
*Prerequisite: Permission of professor.*
- CEDC 599: Thesis Writing.** **3 credits**  
Directs student preparation and presentation of a thesis proposal and completion of a thesis.
- 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 571: Nature and Characteristics of Preschool Children with Disabilities.** **3 credits**  
The content of this course includes the following: Nature and characteristics of preschool children with disabilities, working with families in culturally diverse environments providing parent training, consolation, collaboration, and communication, etc., with other professionals and agencies. *Prerequisites: departmental approval.*
- CEDS 572: Curriculum and Methods of Teaching Children with Preschool Disabilities.** **3 credits**  
Innovated curricula, technologies and appropriate instructional planning of preschool children with disabilities, behavior management, assessment, intervention strategies for children 0-5 years and program evaluation.  
*Prerequisite: departmental approval.*
- CEDS 573: Internship in Preschool Disabilities (150 Contact Hours).** **3 credits**  
Directed observation and participation with young children in PK-primary programs. Course may be repeated (3-6 semester hours; students must register for their area of concentration plus weekly seminar CEDS 606.).  
*Prerequisites: CEDS 571 and CEDS 572.*
- CEDS 575: Student Teaching in Exceptional Education (9 weeks field experience, 360 clock hours).** **9 credits**  
Provides competence and performance-based experience in working with children and youth with disabilities in an approved exceptional education site. This course, or its equivalent, is required of all students seeking degrees and/or endorsements. This is the initial field experience in exceptional education. *Prerequisites: satisfactory completion of all prerequisite course work* (Students must register for their area of concentration plus weekly seminar CEDS 606.)
- 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 (nonbiased 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 581: Nature and Characteristics for the Intellectually Disabled.** **3 credits**  
Considers types, nature and causes of intellectual disabilities; examines the educational and psychological implications of the intellectually disabled and the impact on the family. *Prerequisites: departmental approval.*
- CEDS 582: Methods and Materials for the Intellectually Disabled.** **3 credits**  
Studies acquisition of skills in the identification, selection and preparation of materials for teaching intellectually disabled children review, demonstration and preparation of programs and examines appropriate curriculum content
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for Pre-K-12/Adulthood. *Prerequisites: departmental approval.*

**CEDS 583: Career and Vocational Assessment. 3 credits**

Examines and utilizes specific career and vocational assessment techniques with individuals and groups. Examines tests for assessing job and career preferences of exceptional students as related to IDEA, ADA, transition to adulthood, and collaboration.

**CEDS 584: Diagnosis and Assessment in Exceptional Education. 3 credits**

Provides a review of a variety of assessment techniques and standardized evaluation tools for program planning purposes and current applied approaches. Examines and utilizes specific Diagnostic/Remedial and Writing education evaluations techniques with individuals and groups. *Prerequisites: departmental approval.*

**CEDS 585: Development 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/youth with disabilities.

**CEDS 586: Practicum for Teachers of the Intellectually Disabled. (160 clock hours, 8-week field experience) 3 credits**

Supervised teaching experience with intellectually disabled. *Prerequisites: CEDS 579, 580, 581 and 582 (Students must register for their area of concentration plus weekly seminar CEDS 606.).*

**CEDS 587: Methods, Materials and Curriculum for Learning Disabilities. 3 credits**

Provides experiences in developing, selecting, and evaluating curriculum, methods and materials for children with learning disabilities.

**CEDS 588: Nature, Needs and Characteristics for Learning Disabilities. 3 credits**

Examines the possible etiologies, theories, and academic and social-emotional characteristics regarding individuals with learning disabilities

**CEDS 589: Practicum for Learning Disabilities (160 clock hours, 8-week field experience). 3 credits**

Supervised practicum with learning-disabled children emphasizing identification, testing and writing prescriptive programs for LD children. *Prerequisites: CEDS 579, 580, 587 and 588 (Students must register for their area of concentration plus weekly seminar CEDS 606.).*

**CEDS 590: Internship for Learning Disabilities (400 clock hours, 10-week field experience). 3 credits**

Final demonstration of competencies and performances in supervised internship settings with learning disabled children. *Prerequisites: CEDS 579, 580, 587, 588 and 589 (Emphasis on performance/competence-based accountability).* Students must register for their area of concentration plus weekly seminar CEDS 606.

**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: departmental approval*

**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: departmental approval.*

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

Supervised practicum in P-K; 1-3; 4-5; 6-8 and 9-12 settings with children with mild disabilities. *Prerequisites: departmental approval. (Students must register for their area of concentration plus weekly seminar CEDS 606; see 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, 580, 592*



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and 593. (Students must register for their area of concentration plus weekly seminar CEDS 606; see Handbook)

**CEDS 595: Nature, Needs and Characteristics of Children with Behavioral Disorders.** **3 credits**  
Studies etiology, diagnosis and treatment and characteristics of emotional and behavioral disorders of children and youth.

**CEDS 596: Practicum for Teachers of Children with Behavioral Disorders (160-clock hours, 8-week field experience).** **3 credits**  
Supervised practicum with children with emotional behavioral disorders. *Prerequisites: CEDS 579, 580, 598 and 595. (Students must register for their area of concentration plus weekly seminar CEDS 606).*

**CEDS 597: Internship for Teachers of Children with Behavioral Disorders (400-clock hours, 10-week field experience).** **3 credits**  
Supervised internship in programs for children with behavioral disorders. *Prerequisites: CEDS 579, 580, 595 and 596; see Handbook.)* Emphasis on accountability/competence and performance based education. (Students must register for their area of concentration plus weekly seminar CEDS 606).

**CEDS 598: Methods, Material and Curriculum for Behavioral Disorders.** **3 credits**  
Provides experience in developing, analyzing, evaluating, and implementing methods and materials used with students diagnosed as Behavioral Disorders. *Prerequisites: departmental approval.*

**CEDS 599: Internship for Teachers of the Intellectually Disabled (400-clock hours, 10-week field experience).** **3 credits**  
Supervised internship in programs for students with intellectual disabilities (MID, MOID, SID, PID). *Prerequisites: 579, 580, 581, 582 and 598. (Students must register for their area of concentration plus weekly seminar CEDS 606; see 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: departmental approval.*

**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 637: Current Issues and Trends in Exceptional Education.** **3 credits**  
Reports and analyzes literature and research in exceptional education; application and comparison of theory with actual field experiences and selected topics in exceptional education.

**CEDS 639: Organization, Administration and Supervision of Exceptional Classes.** **3 credits**  
Explores establishing and maintaining exceptional education programs from a problem-solving and analysis viewpoint; advanced seminar for school personnel with emphasis on instructional and organization techniques for the 21st century.

**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.

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**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 Departmental approval in an identified course of study (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.

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## CATALOG COURSE DESCRIPTIONS

### **CEDA 500: Introduction to Educational Administration & Supervision.**

**Fall, Summer, 3 credits**

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

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**CEDA 510: Curriculum Planning for Educational Leaders.** **Fall, Summer, 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.

**CEDA 520: Educational Resource Management.** **Spring, Summer, 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.

**CEDA 525: Technology and Information Systems.** **Fall, Spring, Summer, 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.*

**CEDA 530: School/Community Relations.** **Fall, Summer, 3 credits**  
Examines principles and practices for improving urban school and community relationships with emphasis on the local school site.

**CEDA 535: Educational Policy and the Law.** **Spring, Summer, 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.

**CEDA 560: Practicum for the Master's Degree.** **Fall, Spring, Summer, 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.

**CEDA 590: Educational Tests and Measurements.** **Fall, Alternate Summers, 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.

**CEDA 599: Research for School Improvement.** **Spring, Alternate Summers, 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.

**CEDA 600: Administration of the Urban School System.** **Spring, Alternate Summers, 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.

**CEDA 601: Strategic Planning for Systemic Reforms.** **Fall, Alternate Summers, 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.

**CEDA 608: Macro Educational Planning (IDE).** **Occasional, 3 credits**  
Explores application of planning models and instruments for development of system-level facilities, services and programs.

**CEDA 610: Administration & Supervision of the Instructional Program.** **Fall, Alternate Summers, 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.

**CEDA 612: Student Personnel Administration.** **Fall, Alternate Summers, 3 credits**  
Studies student personnel problems in public schools.

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**CEDA 614: Staff Personnel Administration.** **Spring, Alternate Summers, 3 credits**  
Studies principles and practices needed in recruitment of personnel and maintenance of school personnel programs.

**CEDA 620: Economics of Educational Equity.** **Fall, Alternate Summers, 3 credits**  
Provides analysis of pervasive equity issues facing urban schools. In-depth consideration of economic and financial challenges of ensuring equity for all students.

**CEDA 630: Community Educational Leadership.** **Spring, Alternate Summers, 3 credits**  
Introduces students to the theory and practice of community education and the role of education in urban community development.

**CEDA 660: Advanced Practicum.** **Fall, Spring, Summer, 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 218 contact hours including scheduled reflective seminars.

**CEDA 690: Systematic Evaluation.** **Fall, Alternate Summers, 3 credits**  
Evaluates school level organizational units and instructional programs through application of social system model of organization and planning instruments.

**CEDA 699: Research Methods in Organizations.** **Spring, Alternate Summers, 3 credits**  
Examines methods of researching problems in organizations and develops instruments for measurement of variables in school organizations.

**CEDA 709: Seminar in Strategic Leadership.** **Spring, 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.

**CEDA 719: Seminar in Instructional Leadership.** **Fall, 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.

**CEDA 729: Seminar in Organizational Leadership.** **Fall, 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.

**CEDA 730: Politics of Urban Education.** **Fall, Alternate Summers, 3 credits**  
Examines effects on educational policies of political behavior at national, state, local and institutional levels with particular focus on implications for urban schools.

**CEDA 735: Educational Policy Analysis.** **Spring, Alternate Summers, 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.

**CEDA 739: Seminar in Political/Community Leadership.** **Spring, 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.

**CEDA 790: Quantitative Research Methodology in Education.** **Fall, 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.

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**CEDA 795: Qualitative Research Methodology in Education.**

**Spring, 3 credits**

Assists doctoral students in developing theoretical framework from which qualitative inquiry emerges. Aims, assumptions, methods and strategies of qualitative research are addressed.

**CEDA 799: Directed Research.**

**Fall, Spring, 3 credits**

Develops competencies in designing and developing research proposals. (Elective)

**CEDA 990: Doctoral Advisement.**

**Fall, Spring, Summer, 3 credits**

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 Department Chair.*

**CEDA 995: Dissertation Research.**

**Fall, Spring, Summers, 3 credits**

Provides guidance on research for and writing of the dissertation. Prerequisites: Satisfactory completion of all required courses and the comprehensive examinations. Minimum six (6) hours required.

**CEDF 550: History of Urban Education.**

**Fall, Alternate Summers, 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.

**CEDF 553: Schooling and the Urban Community.**

**Spring, Alternate Summers, 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.

**CEDF 557: Education & Global Development.**

**Occasional, 3 credits**

This course provides opportunities for educational leaders to understand the relationship between educational systems, economic and political structures. (IDE)

**CEDF 614: Futures Research and Educational Policy.**

**Occasional, 3 credits**

Examines the relationship between education and the social order from and through the perspective of futurism.

**CEDF 653: Education for Social Development.**

**Occasional, 3 credits**

Explores effects of factors in education on social mobility, political value formation and social problems of youth. (IDE)

**CEDF 654: Education and Urban Development.**

**Fall, Alternate Summers, 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.

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## CURRICULUM

### REQUIRED COURSE OFFERINGS

#### REQUIRED COURSE OFFERINGS

**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**

Field Practicum I provides 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 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 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.

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**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 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.

**ADVANCED STANDING****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 504C: Advanced Direct Social Work Practice:  
Focus on School Social Work.****3 credits**

An advanced direct practice course focusing on schools, this course engages second-year MSW students in expanded and in-depth examination of theoretical models, skills, values, and ethics, and approaches to evaluation of social work practice in schools and other educational settings.

**CSSW 504D: Advanced Direct Social Work:  
Focus on Gerontology.****\*Pending**



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**CSSW 504E: Advanced Direct Social Work:  
Focus on Forensic.**

**\*Pending**

**CSSW 598: Thesis/Conceptual Paper or**

**2 credits**

**CSSW 598A: Practice-Based Research.**

A thesis/conceptual paper/practice-based research is a rigorous process in partial fulfillment of the requirement for the MSW degree. All students in the MSW Program must complete either a thesis conceptual paper or participate in a practice-based research design. This (2)-semester credit hour course covers two semesters (two-semester credit hours per semester), and is designed to provide MSW students with the necessary supervision and advisement to successfully complete the thesis, conceptual paper or practice-based research process.

**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 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.

**ADVANCED STANDING (SUMMER)**

**CSSW 589: Research with an Emphasis on Application.**

**3 credits  
(Advanced Standing Students)**

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 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 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.

**ELECTIVES**

**CSSW 506: Program and Organizational  
Development for Direct Social Work Process.**

**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.

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**CSSW 508: Brief Interventions Methods.****3 credits**

This advanced direct practice course examines the theory and practices of brief interventive methods, including crisis intervention. It focuses on different 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 characteristic of brief interventive methods with individuals, families and small groups.

**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. Also, 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 AIDS persons 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” for assessments and intervention.

**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.

**CSSW 513: Child Abuse and Neglect.****3 credits**

This advanced direct-practice course provides a historical overview of value perspectives of children – particularly African American – and corresponding injustices, violence in relation to child maltreatment—view 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.

**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 to health services; the roles and functions of multidisciplinary health-terms; community needs assessment and intervention, and policy advocacy for change. Students learn methods of assessing community health issues, data analysis skills, and resource identification.

**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 service within communities.

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**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, and practice skills necessary for thorough use of family therapy models; 3) and developing skills to assess family intervention.

**CSSW 521: Supervision and Consultation  
in Clinical Practice.****3 credits**

The 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, rolls, techniques and practices involved in the supervisory process. The course is designed for the experience student who desires and expects to become an agency supervisor within the next three years.

**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 difference in health behaviors related to ethnicity, gender, race, culture, socioeconomic status, at-risk status, and sexual orientation.

**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 of 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 or 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 is an advanced course 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 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 will address various types of law – statutory, constitutional, regulatory, and common law as it relates 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.

**CSSW 800: Independent Study.****1-3 credits**

This is an independent, advanced study course that is arranged between an individual 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.

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**CSSW 900: Historical Analysis of Social Welfare and Professional Social Welfare Practice.**

**3 credits**

(Graded A/F). This course examines the growth of social welfare and social work as social institutions in American society.

**CSSW 901 Social Welfare and Professional Social Work Policy Planning and Development.**

**3 credits**

(Graded A/F) 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**

(Graded A/F) 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**

(Graded A/F) 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**

(Graded A/F) 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**

(Graded A/F) This course analyzes current issues in the field of social work administration, planning and research. A framework for analyzing new developments, trends and projections in the field is provided through the use of selected topics.

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**CSSW 914: Doctoral Seminar II.**

**3 credits**

(Graded A/F) This course is open to students who have completed core requirements and have selected a defined area for dissertation research. The course is a continuation of CSSW 913 and promotes the development of individual research projects using critical feedback from students and faculty.

**CSSW 920: Organizational Development.**

**3 credits**

(Graded A/F) This course prepares students to understand and work effectively in existing and newly designed organizations. Students examine competing organizational designs and new and traditional organizational forms and structures. Recognizing that organizations are organic, living systems, the roles, competencies and interpersonal skills required of managers and leaders who seek to develop more effective and efficient human service organizations are explored in depth.

**CSSW 921: Planned Change in Complex Organizations.**

**3 credits**

(Graded A/F) This course examines the language of complex organizations, organizational theory, empirical literature, and the implications for social change and social policy regarding complex organizations in the area of human service delivery with special attention to organizations serving persons of color.

**CSSW 930: Critique and Analysis of Managerial Theories.**

**3 credits**

(Graded A/F) 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**

(Graded A/F) 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 credits**

(Required, 3-6 – repeatable for a maximum of 42 credits – graded A/F) Dissertation writing under the direction of the major professor, including presentation of the Prospectus.