

Undergraduate Catalog Addendum



School of Arts and Sciences

Table of Contents

SCHOOL OF ARTS AND SCIENCES	4
Division of Communication Arts	4
Department of Mass Media Arts.....	4
Department of Theatre and Communication Studies	27
Division of Humanities	42
Department of Art.....	42
Department of English and Modern Languages	76
Department of African-American Studies, Africana Women’s Studies, and History	92
Department of Music	100
Department of Religion and Philosophy.....	118
Division of Natural Sciences and Mathematics	128
Department of Biological Sciences.....	128
Early Admission Program for the Boston University Medical School.....	134
Department of Chemistry	135
Dual Degree in Bachelor of Science and Master of Science in Chemistry	144
Department of Cyber Physical System.....	150
Department of Mathematical Sciences.....	164
Department of Physics	178
Dual Degree Engineering Program (DDEP).....	195
Division of Social Sciences	210
Department of Sociology and Criminal Justice.....	210
Department of Political Science	229
Department of Psychology	239

EDUCATIONAL PROGRAMS

Undergraduate Programs of Study

SCHOOL OF ARTS AND SCIENCES						
DIVISION	DEPARTMENT	MAJOR/CONCENTRATION	DEGREE	CIP CODE	CREDIT HRS REQUIRED	
Communications Arts	Mass Media Arts	<ul style="list-style-type: none"> ■ Mass Media Arts 	BA	90799		
		Concentrations: <ul style="list-style-type: none"> • Journalism • Public Relations Management • Radio-Television-Film 			122	
	Theatre and Communication Studies	<ul style="list-style-type: none"> ■ Speech Communication 	BA	231304		122
		<ul style="list-style-type: none"> ■ Theatre Arts 	BA	500505		122
		Minor in Speech Communication Minor in Theatre Arts				
Humanities	Art	<ul style="list-style-type: none"> ■ Art 	BA	500701	122	
		Concentrations: <ul style="list-style-type: none"> • General Studio Art • Advertising Design 				
		<ul style="list-style-type: none"> ■ Fashion Design & Merchandising 	BA	500407	122	
		Concentrations: <ul style="list-style-type: none"> • Fashion Design • Fashion Merchandising 				
		Minor in Art Minor in Fashion Design Minor in Fashion Merchandising Minor in Fashion Styling Minor in Professional Fashion Apparel Design			18 18 18 18 18	
	English	<ul style="list-style-type: none"> ■ English 	BA	230101	122	
		Minor in English Minor in Creative Writing			18 18	
	Modern Foreign Languages	<ul style="list-style-type: none"> ■ French 	BA	160901	122	
		<ul style="list-style-type: none"> ■ Spanish 	BA	160905	122	
	History	Minor in French Minor in Spanish			18 18	
		<ul style="list-style-type: none"> ■ History 	BA	540101	122	
	Music	Minor in History			18	
		<ul style="list-style-type: none"> ■ Music - General Music Studies Concentrations: <ul style="list-style-type: none"> • Vocal Studies • Piano Studies • Jazz Studies • Commercial Composition 	BA	500901	122	
	Religion & Philosophy	Minor in Music Concentrations			23 - 24	
		<ul style="list-style-type: none"> ■ Religion 	BA	380201	122	
		<ul style="list-style-type: none"> ■ Philosophy 	BA	380101	122	
		Minor in Religion Minor in Philosophy			18 18	
Natural Sciences and Mathematics	Biological Sciences	<ul style="list-style-type: none"> ■ Biology 	BS	260101	122	
		<ul style="list-style-type: none"> ■ Biology with Minor in Public Health 	BS	260101	122	
		Minor in Public Health Minor in Biology (Non Biology STEM Majors)			19 18	
	Chemistry	<ul style="list-style-type: none"> ■ Chemistry 	BS	400501	122	
		<ul style="list-style-type: none"> ■ Chemistry - Accelerated Dual Degrees 	BS/MS	400501	152	
		Minor in Chemistry			24	

SCHOOL OF ARTS AND SCIENCES					
DIVISION	DEPARTMENT	MAJOR/CONCENTRATION	DEGREE	CIP CODE	CREDIT HRS REQUIRED
Natural Sciences and Mathematics (cont'd)	Cyber-Physical Systems	▪ Cyber Security	BS	110103	122
		▪ Computer Science	BS	110701	122
		▪ Computer Science - Accelerated Dual Degrees	BS/MS	110701	152
		Minor in Computer Science			21
	Dual Degree Engineering Program (DDEP)	Dual Degree Engineering Concentrations: Chemistry, Computer Science, Physics, Mathematics or Biology	BS		122
	Mathematical Sciences	▪ Mathematics	BS	270101	122
		▪ Mathematics - Accelerated Dual Degrees Pure Math Option or Applied Math Option	BS/MS	270101	152
		Minor in Mathematics			18
	Physics	▪ Physics	BS	400801	122
		▪ Physics - Accelerated Dual Degrees	BS/MS	400801	152
Minor in Physics				18	
Social Sciences	Political Science	▪ Political Science	BA	451001	122
		Minor in Political Science			18
	Psychology	▪ Psychology	BA	420101	122
		▪ Psychology	BS	420101	122
		Minor in Psychology			18
	Sociology & Criminal Justice Administration	▪ Criminal Justice	BA	430104	122
		▪ Sociology	BA	451101	122
		Minor in Criminal Justice			18
	Minor in Sociology			18	

School of Arts and Sciences

Office of the Dean
Sage-Bacote Hall, Room 103
Telephone: (404) 880-6610

The School of Arts and Sciences is committed to creating and maintaining a thriving cultural and academic milieu in which students and faculty may fully develop their individual potential as human beings, leaders, scholars, teachers, and productive members of society.

The mission of the School of Arts and Sciences is to prepare broad-based scholars, researchers and practitioners who are leaders, lifelong learners, and productive global citizens, to provide the core curricular foundation for the University, and to enrich the University's artistic and cultural environment.

The vision of the School of Arts and Sciences is to lead in the preparation and education of students, and attain greater prominence in the global environment through research and creative expression, and its interdisciplinary programs that are recognized for academic excellence, and intellectual breadth and depth.

The School's faculty accomplishes this mission through the four divisions, composed of Communication Arts, Humanities, Natural and Mathematical Sciences, and Social Sciences, by providing a variety of uniquely designed high quality instructional programs and academic activities from cutting-edge research to preparing students to meet the demands of a career in various industries from technology to the cultivation of the next stars of stage, television, and film.

DIVISION OF COMMUNICATION ARTS

The Division of Communication Arts includes the Department of Mass Media Arts and the Department of Theatre and Communication Studies. The Department of Mass Media Arts offers a major in Mass Media Arts with three areas of concentration: Journalism, Public Relations, and Radio-Television-Film. The Department of Theatre and Communication Studies offers two majors: Speech Communication and Theatre Arts.

The Division of Communication Arts uses WCLK-FM and WSTU-FM radio stations, two television production studios and CAU-TV, a cable television channel serving the metropolitan Atlanta area, as training laboratories for its majors.

Department of Mass Media Arts
Robert W. Woodruff Library, Lower-Level
Telephone: 404-880-8304

Professor April D. Lundy, M.F.A.
(Interim Chair)
alundy@cau.edu

The Department of Mass Media Arts provides students with rigorous academic and professional training that is complemented by a strong liberal arts education. The department's curriculum prepares students to be professionals and entrepreneurs in media careers inclusive of entertainment, new media, filmmaking, print and broadcast news, public relations, advertising, television, radio, and business.

The mission of the Department of Mass Media Arts is to prepare students to become media experts in an academic-based training center using emerging technologies, innovative research, production and digital laboratories, training facilities, and hands-on practical media experiences. It is also a primary goal of the department for students to emerge with a critical understanding of professional and ethical

standards within their chosen field of study and careers.

The vision of the Department of Mass Media Arts is focused on the synergy of art, craft, theory, and technology. The department is recognized as a major source of highly proficient graduates trained in communicating and creating innovative mass media content as well as providing creative solutions in the areas of film, journalism, public relations, television, radio, and new media with the latest industry-standard hardware and software.

The Department of Mass Media Arts fosters current and relevant industry standards within media and recognizes that students should be prepared to move forward in the 21st century understanding the role, function, and potential of media as well as emerging technology within a global society. To accomplish this objective, training laboratories are provided to enhance the students' skills and competencies within their coursework as well as to assist in practical, hands-on, interactive experiences with their craft. Mass Media Arts courses also enable students to examine media's impact on social, economic, political, and cultural aspects of the world at large. The Mass Media Arts program emphasizes leadership skills, critical thinking, content creation, research, content analysis, collaboration, new media development and production, as well as creativity within a chosen field of study and concentration. Mass Media Arts concentrations require intensive written and verbal communication proficiency throughout matriculation.

Program of Study

Bachelor of Arts Degree in Mass Media Arts (122 Credits)

5 Concentrations:

Journalism
Public Relations Management
Radio/Television/Film

Program Description

The Bachelor of Arts in Mass Media Arts Degree Program prepares students to become thriving multimedia professionals and entrepreneurs in media—new media, film, journalism, public relations management, broadcast television, and radio. The program also trains students in critical thinking through the lens of history and critical analysis, with particular attention to the imagery and representations of the African Diaspora. The program prepares students to excel in competitive graduate and professional degree programs.

This program curriculum is designed to provide students with skills and experiences that help them develop their fullest potential in media production, critical thinking, collaboration, and emerging technology while applying theoretical and practical competencies to professional and ethical leadership decisions that influence and shape the attitudes and opinions of a global society.

The program's courses also enable students to examine the media's impact on social, economic, political, and cultural aspects of a global society by emphasizing research applications. These applications include the acquisition of tools for researching, information gathering, reporting, content analysis, as well as the management of those tools for distribution, exhibition, and publishing. Through this training, students can create award-winning productions and research.

Program Outcomes

Graduates of the Mass Media Arts Program will be able to:

1. Demonstrate industry-specific competencies in media content creation, development, and production.
2. Conduct media research, gather information, evaluate, communicate proficiently, and present relevant news, media content, and persuasive information at a professional level.
3. Apply theories, tools, and emerging technologies to media content development, writing production, editing, and presentation of visual, aural, textual, or other media content in traditional and new media industries.

4. Understand the role and impact of mass media in a global society, as well professional and ethical industry standards.

Student Learning Outcomes

Graduates with a **Concentration in Journalism** will be able to:

1. Apply basic journalistic style writing techniques in the development of documents for various purposes and audiences.
2. Utilize electronic sources, government records, interviews, observations, and more traditional methods such as library references, including almanacs, atlases, and specialized encyclopedias in conducting research.
3. Analyze and apply major legal and ethical implications, considerations, and practices in media writing and presentation.
4. Write and produce multimedia content (podcasts, infographics, transmedia projects) to tell stories.
5. Write using Associated Press guidelines in a variety of traditional and online formats.
6. Write, record (video and audio), and produce content for online news publications.

Graduates with a **Concentration in Public Relations Management** will be able to:

1. Apply research and evaluation methods and techniques in surveying, measuring, and interpreting public opinion and the attitudes and values of appropriate internal and external audiences for effective public relations management.
2. Apply the principles, theories, strategies, techniques, and practices of the public relations profession in the planning, development, and execution of public relations campaigns and activities.
3. Apply legal and ethical considerations in decision-making.
4. Use a variety of new technology tools and software, including design and layout, presentation, creativity, calendar, research, and public relations management for public relations campaigns and projects.
5. Develop and manage integrated social media marketing strategies for communication-related media plans and industries.

Graduates with a **Concentration in Radio-Television-Film** will be able to:

1. Apply technical and creative industry standards for media development, writing, directing, production, programming, and research.
2. Demonstrate competencies in film production including obtaining property rights, content development, screenwriting, shooting, editing, production management, budgeting, and scheduling, as well as exhibition and distribution strategy.
3. Apply technical, conceptual, and aesthetic elements of picture and sound editing using non-linear editing skills and practices.
4. Demonstrate technical and creative visual storytelling to include writing, assembling video packages, production (studio, mobile and field production), editing, visual effects, lighting, audio, and high-definition digital production.
5. Provide training in audio, visual, and new media production to support on-air broadcast journalism as well as narrative visual moving image formats.

Admissions Requirements

Applicants must meet the admission requirements of Clark Atlanta University and the School of Arts and Sciences as presented in the Undergraduate Catalog.

Degree Requirements (waiting approval from the dean's council)

In addition to meeting Clark Atlanta University General Education Requirements (36 credit hours) and completing CGED 100 and CGED 101 (First-Year Seminar I and II), students must meet the core requirements for the MMA major.

General Education Requirements: 33 Credits

AREA A. Humanities/Fine Arts: 9 Credits

CHUM 228 The Early Period to 1914 (3), or
CHUM 230 Modern Period World War I to Present (3), and
CPHI 105 Critical Thinking (3) or CPHI 221 Introduction to Philosophy (3), or
CPHI 241 Philosophy of Religion (3)
CREL 101 Biblical Heritage (3), or CREL 103 or CREL 104 African American
Religious Experiences I and II (3), or CREL 250 Comparative Religion (3)
CHIS 201 U.S. Africa and World History I (3) or
CHIS 211 U.S. History to 1865 (3), or
CHIS 202 U.S. Africa and the World History II (3)
CHIS 212 History of the U.S. since 1865 (3) or
CART 150 Art Appreciation (3), or
CMUS 119 World Music or CMUS 120 Music Appreciation (3)
CSTA 252 Theatre Appreciation (3) (Theatre Minors)

AREA B. Social/Behavioral Sciences: 3 Credits

CPSC 219 American Government & Politics (3), or
CPSC 221 State and Local Government (3)
CPSY 211 General Psychology (3), or
CPSY 218 Human Growth and Development (3)
CSCJ 201 Introduction to Criminal Justice (3), or
CSCJ 215 or CSCJ 215H Introduction to Sociology (3), or
CSCJ 216 Introduction to Anthropology (3) or CSCJ 218 Social Problems (3)

AREA C. Natural Science/Mathematics/Statistics: 9 Credits

Select two

CMAT 104 Finite Mathematics (3), or
CMAT 105 Pre-Calculus I (3) or CMAT 106 Pre-Calculus II (3)

(Consider CMAT for Business 109, 110) Select one:

Select One:

CBIO 101 Biological Science (3) or
CPHY 102 Physical Science (3), or

AREA D. Communication: 9 Credits

CENG 105 College Composition (3)
CENG 106 College Composition (3)
CSTA 101 Fundamentals of Speech (3)

AREA E. Financial/Technological: 3 Credits

CCIS 100 Information Technology (3) or
CCIS 101 Computer Applications (3) or
CECO 107 Introduction to Economics (3) or
CECO 250 Principles of Economics (3)

MMA Major Core Courses: 21 Credits

CMMA 200 Basic News Writing and Reporting (3)
CMMA 201 Survey of Media and Society (3)
CMMA 203 Multimedia Writing, Reporting & Storytelling (3)
CMMA 315 Mass Communications Research Methods (3)
CMMA 422 Philosophy & Ethics of Mass Communications (3)
CMMA 425 Communication Law (3)
CMMA 490 Media Seminar (3)

Required Courses for the Journalism Concentration (In addition to the MMA Major Core Courses):

Journalism Concentration: 15 Credits

CMMA 301 News Editing I (3)
CMMA 302 News Editing II (3)

CMMA 350 Interpretative Reporting (3)
CMMA 313 Photojournalism (3)
CMMA 489 Internship (3)

Journalism Concentration Cognate Courses: 21 Credits

CENG 311 Advanced English Grammar (3)
CPSC 322 International Relations (3)
CPSC 336 Current World Problems (3)
CPSC 420 Politics of Africa (3)
CENG 201 *or* 202 Introduction to World Literature I *or* II (3)
CFLX Foreign Language Requirement I (3)
CFLX Foreign Language Requirement II (3)

Journalism Concentrators must take the following number of Journalism Elective hours: 15 Credits.

CMMA Journalism Electives (200-499 level or above) – (15 Credits)

Journalism Concentrators must take the following number of Free Elective hours: 15 Credits.

CXXX General Electives (200-499 level or above) – (15 Credits)

Required Courses for the Radio/Television/Film Concentration (In addition to the MMA Major Core Courses):

Please note that the 400-level required courses relate to your interest within the R/TV/F concentration. For example, if you are interested in film, then you would take the two required 400-level courses in film i.e., CMMA 479 Cinematography I and CMMA 480 Cinematography II. If you are interested in radio, then you would take the two required 400-level courses in radio i.e., CMMA 475 Radio Programming and Production I and CMMA 476 Radio Programming and Production II. You must take two parts of the SAME course to meet the requirement i.e., Cinematography I and Cinematography II.

Radio/TV/Film Concentration: 21 Credits

CMMA 305 African American Images in the Media (3)
CMMA 306 History and Criticism of Film (3)
CMMA 308 Introduction to Radio/TV/Film (3)
CMMA 348 Fundamentals of Radio/Fundamentals of Television/Fundamentals of Film (3) – take section in your area of interest
CMMA 487 Media Arts Studies (3) – take section in your area of interest
CMMA 475 (Radio) – Radio Programming and Production I (3)
CMMA 476 (Radio) – Radio Programming and Production II (3)

or

CMMA 477 (Television) – Video Producing and Directing I (3)
CMMA 478 (Television) – Video Producing and Directing II (3)

or

CMMA 479 (Film) – Cinematography I (3)
CMMA 480 (Film) – Cinematography II (3)

Radio/Television/Film Concentration Cognate Courses: 30 Credits

CBUS 209 Accounting for Non-business Majors (3)
CSCJ 215 Introduction to Sociology (3) or CSCJ 218 Social Problems (3)
CPSC 219 American Government (3) or CPSC 221 State and Local Government (3)
CENG 311 Advanced English Grammar (3)
CHIS 319 African American History to 1877 (3)
CHIS 320 African American History since 1877 (3)
CBUS 380 Entrepreneurial Thinking (3) or CECO 250 Principles of Economics
CENG 201 *or* 202 Introduction to World Literature I *or* II (3)
CFLX Foreign Language Requirement I (3)

CFLX Foreign Language Requirement II (3)

Radio/Television/Film Concentrators must take the following number of Free Elective hours: 15 Credits.

CXXX General Electives (200-499 level or above) – (15 Credits)

Required Courses for the Public Relations Concentration (In addition to the MMA Major Core Courses):

Public Relations Concentration: 27 Credits

CMMA 307 Public Relations Principles, Practice, and Theory (3)
CMMA 310 Public Opinion and Propaganda (3)
CMMA 313 Photojournalism (3)
CMMA 318 Public Relations Media Development and Copy Editing (3)
CMMA 338 Media Advertising and Sales (3)
CMMA 418PR Research and Evaluation (3)
CMMA 485 Public Relations Campaigns (3)
CMMA 487 Media Arts Studies (3) (take a Public Relations related topic)
CMMA 489PR Internship (3)

Public Relations Concentration Cognate Courses: 30 Credits

CENG 311 Advanced English Grammar (3)
CPSC 322 International Relations (3)
CSTA 304 Business and Professional Speech (3)
CBUS 325 Business Communication (3)
CBUS 335 Principles of Marketing (3)
CBUS 340 Principles of Management (3)
CSTA 404 Organizational Communication (3)
CENG 201 *or* 202 Introduction to World Literature I *or* II (3)
CFLX Foreign Language Requirement I (3)
CFLX Foreign Language Requirement II (3)

Public Relations Concentrators must take the following number of Free Elective hours: 9 Credits.

CXXX Free Electives (200-499 level or above) – (9)

Program Opportunities

The Department of Mass Media Arts reviews trends in the media industries and recognizes students' need to have a competitive edge in the use and understanding of media technology. To accomplish this goal, training laboratories and student organizations provide students with the opportunity to enhance their abilities in their academic coursework and assist in practical, hands-on experiences. They include:

Lambda Pi Eta, Theta Tau Chapter - Honor Society for Division of Communication Arts majors.

4 Reel Productions - a student-centered, university-chartered film organization that focuses on the development and production of film and television projects including independent short films, commercials, documentary, television, and streaming series content, music videos, and feature-length films.

National Association of Black Journalists (NABJ) - The National Association of Black Journalists (NABJ) is an organization of journalists, students and media-related professionals that provides quality programs and services to and advocates on behalf of black journalists worldwide. Founded by 44 men and women on December 12, 1975, in Washington, D.C., NABJ is the largest organization of journalists of color in the nation.

Society of Professional Journalists (SPJ) - the oldest, largest, and most representative organization serving the field of journalism. SJP is dedicated to the perpetuation of a free press as the cornerstone of our nation and our liberty. To ensure that the concept of self-government outlined by the U.S. Constitution

remains a reality into future centuries, the American people must be well informed to make decisions regarding their lives, and their local and national communities.

Public Relations Student Society of America (PRSSA) - Founded in 1967, the Public Relations Student Society of America (PRSSA) is the foremost organization for students interested in public relations and communications. We advocate rigorous academic standards for public relations education, the highest ethical principles and diversity in the profession.

CAU Panther Newspaper – an award-winning campus newspaper that provides students with an opportunity to develop editorial, advertising, graphics, photography and managerial skills in print journalism.

CAU-TV - an educational access television station that provides a variety of informative programming thereby serving the Atlanta community as an educational and community resource. While providing programming that informs and educates, CAU-TV serves as a hands-on training laboratory for broadcast majors in the Atlanta University Center and an outlet for student video, film and multimedia productions. CAU-TV Student News Center allows for student-produced program news and information from campuses across the city and features stories making national and international headlines.

WSTU – a digital student radio station serving as a radio outlet for student broadcasters and presents a hands-on training opportunity to apply communication concepts and practices.

Digital Multimedia Lab - ensures the provision of state-of-the-art training facilities to media students and serves to strengthen the communications arts curricula only.

MMA Internships - academically monitored learning experiences with professional media companies and organizations. Internship partners have included NBCUniversal, CNN, Atlanta Journal-Constitution, WSB-TV, Ketchum Public Relations, CBS News (New York and DC), The Atlanta Voice, Hot 107.9, Universal Records, Tyler Perry Studios, ESPN and many other media/music companies.

Mobile Reporters – an organization where students enhance the art of converging video footage, graphics, and still photography by compiling, producing, and pushing out social media content with current partnerships with high profile organizations., the Tom Joyner Foundation and OWN the Oprah Winfrey Network, and with campus departments and organizations i.e., WSTU, CAU-TV, and CAU Panther.

**Plan of Study for Bachelor of Arts Degree in Mass Media Arts
with Journalism Concentration
(122 Credits)**

Freshman Year – 1st Semester	Freshman Year - 2nd Semester
CGED 100 First-Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
Area C: CXXX Natural Science Requirement (3)	Area E: CXXX Financial/Technological Requirement (3)
Area C: CMAT (103/105) Algebra/Pre-Calculus	Area C: CMAT (104/106) Algebra II/Pre-Calculus II (3)
Area A: CXXX Humanities Requirement (3)	Area A: CXXX Humanities Requirement (3)
Area D: CSTA 101 Fundamentals of Speech (3)	Area B: CXXX Social/Behavioral Sciences Requirement (3)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CFLX Foreign Language Requirement I (3)	CFLX Foreign Language Requirement II (3)
CENG 311 Advanced Grammar and Composition (3)	CENG (201/202) Introduction to World Literature I or II (3)
CMMA 200 Basic News Writing and Reporting (3)	CMMA 203 Multimedia Writing, Reporting and Storytelling (3)
CMMA 201 Survey of Media and Society (3)	CPSC 322 International Relations (3)
Area A: CXXX Humanities Requirement (3)	CXXX Free Elective (3)
Junior Year 1st Semester	Junior Year - 2nd Semester
CMMA 301 News Editing I (3)	CMMA 302 News Editing II (3)
CXXX 3XX Free Elective (3)	CXXX 100/499 Free Elective (3)
CMMA 313 Photojournalism (3)	CMMA 331 International Journalism (3)
CMMA 315 Mass Communication Research Methods (3)	CMMA 350 Interpretative Reporting (3)
CMMA 320 History of Journalism (3)	CPSC 336 Current World Problems (3)
Senior Year - 1st Semester	Senior Year - 2nd Semester
CMMA 489 Internship (3)	CMMA 490 Media Seminar—Journalism (3)
CMMA 422 Philosophy and Ethics of Mass Communication (3)	CMMA 4XX Mass Media Arts Elective (3)
CMMA 425 Communication Law (3)	CXXX 100/499 Free Elective (3)
CMMA 3XX Mass Media Arts Elective (3)	CXXX 100/499 Free Elective (3)
CXXX 100/499 Free Elective (3)	CXXX 100/499 Free Elective (3)

Major Prerequisites for Print Journalism

Course with Prerequisite	Required Prerequisites
MMA 200 Basic News Writing and Reporting	ENG 105, ENG 106 College Composition I and II
MMA 201 Survey of Media and Society	ENG 105, ENG 106 College Composition I and II
MMA 203 Multimedia Writing, Reporting and Storytelling	MMA 200 Basic News Writing and Reporting, MMA 201 Survey of Media and Society
MMA 301 News Editing I	MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 302 News Editing II	MMA 301 News Editing I
MMA 315 Mass Communication Research Methods	MMA 200 Basic News Writing and Reporting, MMA 201 Survey of Media and Society
MMA 350 Interpretative Reporting	MMA 201 Survey of Media and Society, MMA 301 News Editing I
MMA 422 Philosophy and Ethics of Mass Communications	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 425 Communication Law	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
Additional Clarifications:	

Cognate Courses in Journalism

All minors require a total of **21** semester credit hours from another School or Department.

Required Courses	Credit Hours
CENG 311 Advanced English Grammar	3
CPSC 322 International Relations	3
CPSC 336 Current World Problems	3
CPSC 420 Politics of Africa	3
CENG 201 OR 202 Introduction to World Literature I OR II	3
CFLX Foreign Language Requirement	3
CFLX Foreign Language Requirement	3
Total Credit Hours	21
Additional Clarifications:	

General Education Courses for Journalism

General Education Core Curriculum

Please list all General Education course recommendations for this Major

- Note: Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		REQ
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		REQ
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input checked="" type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input checked="" type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		REQ
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input checked="" type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		REQ
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		

CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input checked="" type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		REQ
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		REQ
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	
CBIO 111 General Biology I	<input checked="" type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		REQ
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input checked="" type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input checked="" type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		REQ

CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGES Spanish OR French I & II		REQ
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	Required for all Majors
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	Required for all Majors
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input checked="" type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	Required for all Majors
CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	Required for all Majors
CFLS 201 Intermediate I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input checked="" type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	Required for all Majors
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		REQ
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	Required for all Majors
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	
CECO 250 Principles of Economics	<input checked="" type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input checked="" type="checkbox"/>	

Summary of Discipline and Cognate Courses for Journalism

“Major”/department courses (required):	51 credit hours (Grade of C or higher required)
Major Related Courses (required):	21 credit hours
General Education (required):	33 credit hours
Other University Requirements:	2 credit hours (First Year Seminar 100 & 101)
General/Free Electives:	15
Total Credit Hours 122	

Plan of Study for Bachelor of Arts Degree in Mass Media Arts with Public Relations Management Concentration (122 Credits)

Freshman Year – 1 st Semester	Freshman Year - 2 nd Semester
CGED 100 First-Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
Area C: CXXX Natural Science Requirement (3)	Area E: CXXX Financial/Technological Requirement
Area C: CMAT (103/105/111/209) Algebra/Pre-Calculus/Calculus/ (3)	Area C: CMAT (104/106/112/210) Algebra II/Pre-Calculus II/Calculus II (3)
Area A: CXXX Humanities Requirement (3)	Area A: CXXX Humanities Requirement (3)
Area D: CSTA 101 Fundamentals of Speech (3)	Area B: CXXX Social/Behavioral Sciences Requirement (3)
Sophomore Year 1 st Semester	Sophomore Year - 2 nd Semester
CFLX Foreign Language Requirement I (3)	CFLX Foreign Language Requirement II (3)
CENG 311 Advanced Grammar and Composition (3)	CENG (201/202) Introduction to World Literature I or II (3)
Area A: CXXX Humanities Requirement (3)	CMMA 203 Multimedia Writing, Reporting and Storytelling (3)
CMMA 200 Basic News Writing and Reporting (3)	CXXX Free Elective (3)
CMMA 201 Survey of Media and Society (3)	CMMA 307 Public Relations Principles, Practices and Theory (3)
Junior Year 1 st Semester	Junior Year - 2 nd Semester
CBUS 340 Principles of Management (3)	CMMA 318 Public Relations Media Development and Copy Editing (3)
CMMA 310 Public Opinion and Propaganda (3)	CMMA 418 Public Relations Research and Evaluation (3)
CMMA 422 Philosophy and Ethics of Mass Communications (3)	CBUS 335 Principles of Marketing (3)
CMMA 315 Mass Communication Research Methods (3)	CPSC 322 International Relations (3)
CBUS 325 Business Communication (3)	CSTA 304 Business and Professional Speech (3)
Senior Year - 1 st Semester	Senior Year - 2 nd Semester
CMMA 313 Photojournalism (3)	CMMA 425 Communication Law (3)
CMMA 338 Media Advertising and Sales (3)	CMMA 490 Media Seminar—PR (3)
CMMA 485 Public Relations Campaigns (3)	CSTA 404 Organizational Communication (3)
CMMA 487 Media Arts Studies (Section in Area of Interest) (3)	CXXX 100/499 Free Elective (3)
CMMA 489 Internship (3)	CXXX 100/499 Free Elective (3)

Major Prerequisites for Public Relations

Please list all prerequisites for this Program/Major

Course with Prerequisite	Required Prerequisite
MMA 200 Basic News Writing and Reporting	ENG 105 and ENG 106 English Composition I and II
MMA 201 Survey of Media and Society	ENG 105 and ENG 106 English Composition I and II
MMA 203 Multimedia Writing, Reporting and Storytelling	MMA 200 Basic News Writing and Reporting, MMA 201 Survey of Media and Society
MMA 307 Public Relations Principles, Practices and Theory	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 315 Mass Communication Research Methods	MMA 200 Basic News Writing and Reporting, MMA 201 Survey of Media and Society
MMA 318 Public Relations Media Development and Copy Editing	MMA 203 Multimedia Writing, Reporting and Storytelling, MMA 307 Public Relations Principles, Practices and Theory
MMA 338 Media Advertising and Sales	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 418 Public Relations Research and Evaluation	MMA 203 Multimedia Writing, Reporting and Storytelling, MMA 307 Public Relations Principles, Practices and Theory, MMA 315 Mass Communications Research Methods
MMA 422 Philosophy and Ethics of Mass Communications	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 425 Communication Law	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 485 Public Relations Campaigns	MMA 318 Public Relations Media Development and Copy Editing, MMA 418 Public Relations Research

Cognate Courses in Public Relations

All minors require a total of **30** semester credit hours from another School or Department.

Required Courses	Credit Hours
CENG Advanced English Grammar	3
CPSC 322 International Relations	3
CSTA 304 Business and Professional Speech	3
CBUS 325 Business Communication	3
CBUS 335 Principles of Marketing	3
CBUS 340 Principles of Management	3
CSTA 404 Organizational Communication	3
CENG 201 OR 202 Introduction to World Literature I OR II	3
CFLX Foreign Language Requirement I	3
CFLX Foreign Language Requirement II	3
Total Credit Hours	30
Additional Clarifications:	

General Education Courses for Public Relations

General Education Core Curriculum

Please list all General Education course recommendations for this Major

- Note: Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
9 total hours required from this section		
HISTORY		REQ
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		REQ
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input checked="" type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input checked="" type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		REQ
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input checked="" type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
(3-9 hours required)		
POLITICAL SCIENCE		REQ
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		

CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input checked="" type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		REQ
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		REQ
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	
CBIO 111 General Biology I	<input checked="" type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		REQ
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input checked="" type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input checked="" type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		REQ

CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGES Spanish OR French I & II		REQ
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	Required for all Majors
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	Required for all Majors
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input checked="" type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	Required for all Majors
CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	Required for all Majors
CFLS 201 Intermediate I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input checked="" type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	Required for all Majors
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		REQ
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	Required for all Majors
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	
CECO 250 Principles of Economics	<input checked="" type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Public Relations

“Major”/department courses (required):	48 credit hours (Grade of C or higher required)
Major Related Courses (required):	30 credit hours
General Education (required):	33 credit hours
Other University Requirements:	2 credit hours (First Year Seminar 100 & 101)
General/Free Electives:	9
Total Credit Hours 122	

Plan of Study for Bachelor of Arts Degree in Mass Media Arts with Radio/Television/Film Concentration (122 Credits)

Freshman Year – 1 st Semester	Freshman Year - 2 nd Semester
CGED 100 First-Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
Area C: CXXX Natural Science Requirement (3)	Area E: CXXX Financial/Technological Requirement (3)
Area C: CMAT (103/105) Algebra/Pre-Calculus (3)	Area C: CMAT (104/106) Algebra II/Pre-Calculus II (3)
Area B: CXXX Social/Behavioral Sciences Requirement (3)	Area A: CXXX Humanities Requirement (3)
Area D: CSTA 101 Fundamentals of Speech (3)	CXXX Free Elective (3)
Sophomore Year 1 st Semester	Sophomore Year - 2 nd Semester
CFLX Foreign Language Requirement I (3)	CFLX Foreign Language Requirement II (3)
Area A: CXXX Humanities Requirement (3)	CENG (201/202) Introduction to World Literature I or II (3)
CENG 311 Advanced Grammar and Composition (3)	CMMA 203 Multimedia Writing, Reporting and Storytelling (3)
CMMA 200 Basic News Writing and Reporting (3)	CBUS 120 Intro to Business OR CBUS 209 Accounting for Non-Business Majors (3)
CMMA 201 Survey of Media and Society (3)	CMMA 306 History and Criticism of Film (3)
Junior Year 1 st Semester	Junior Year - 2 nd Semester
CMMA 308 Introduction to Radio-Television-Film (3)	CMMA 348 R/TV/F Fundamentals of Video, Radio, Film Production (3)
CMMA 315 Mass Communication Research Methods (3)	CMMA 305 African American Images in Media (3)
CSCJ 215 Intro to Sociology OR CSCJ 218 Social Problems (3)	CPSC 219 American Government OR CPSC 221 State and Local Government (3)
CXXX 100/499 Free Elective (3)	CECO 250 Principles of Economics OR CBUS 380 Entrepreneurial Thinking (3)
CHIS 319 African American History to 1865 (3)	CHIS 320 African American History Since 1865 (3)
Senior Year - 1 st Semester	Senior Year - 2 nd Semester
CMMA 4XX Requirement I (3)	CMMA 4XX Requirement II (3)
CMMA 425 Communication Law (3)	CMMA 490 Media Seminar--RTVF (3)
CMMA 422 Philosophy and Ethics of Mass Communication	CMMA 3XX Mass Media Arts Elective (3)
CXXX Humanities Requirement (3)	CMMA 3XX Mass Media Arts Elective (3)
CMMA 487 Media Arts Studies (3) Section in Area of Interest	CXXX 100/499 Free Elective (3)

Major Prerequisites for Radio, TV, Film

Course with Prerequisite	Required Prerequisites
MMA 200 Basic News Writing and Reporting	ENG 105, ENG 106 College Composition I and II
MMA 201 Survey of Media and Society	ENG 105, ENG 106 College Composition I and II
MMA 203 Multimedia Writing, Reporting and Storytelling	MMA 200 Basic News Writing and Reporting, MMA 201 Survey of Media and Society
MMA 308 Introduction to Radio, TV, Film	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 315 Mass Communications Research Methods	MMA 200 Basic News Writing and Reporting, MMA 201 Survey of Media and Society
MMA 348 Fundamentals of Video/Radio/Film Production	MMA 308 Intro to Radio-TV-Film
MMA 422 Philosophy and Ethics of Mass Communications	MMA 201 Survey of Media and Society, MMA 203 Multimedia Writing, Reporting and Storytelling
MMA 200 Basic News Writing and Reporting	ENG 105, ENG 106 College Composition I and II
Additional Clarifications:	

Cognate Courses in Radio, Television and Film

All minors require a total of **30** semester credit hours from another School or Department.

Required Courses	Credit Hours
CBUS 209 Accounting for Non-Majors	3
CSCJ 215 Introduction to Sociology OR CSCJ 218 Social Problems	3
CPSC 219 American Government OR CPSC 221 State and Local Government	3
CENG 311 Advanced English Grammar	3
CHIS 319 African-American History to 1865	3
CHIS 320 African-American History since 1865	3
CBUS 380 Entrepreneurial Thinking OR CECO 250 Principles of Economics	3
CENG 201 OR 202 Introduction World Literature I or II	3
CFLX Foreign Language Requirement I	3
CFLX Foreign Language Requirement II	3
Total Credit Hours	30
Additional Clarifications:	

General Education Courses for Radio, TV, Film

General Education Core Curriculum

Please list all General Education course recommendations for this Major

- Note: Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
9 total hours required from this section		
HISTORY		REQ
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		REQ
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input checked="" type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input checked="" type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		REQ
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input checked="" type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
(3-9 hours required)		
POLITICAL SCIENCE		REQ
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		

CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input checked="" type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		REQ
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		REQ
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	
CBIO 111 General Biology I	<input checked="" type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		REQ
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input checked="" type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input checked="" type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		REQ

CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGES Spanish OR French I & II		REQ
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	Required for all Majors
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	Required for all Majors
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input checked="" type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	Required for all Majors
CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	Required for all Majors
CFLS 201 Intermediate I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input checked="" type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	Required for all Majors
Area E. Financial / Technological (3-9)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		REQ
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	Required for all Majors
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	
CECO 250 Principles of Economics	<input checked="" type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Radio, Television and Film

“Major”/department courses (required):	<u>42</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>30</u> credit hours
General Education (required):	<u>33</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>15</u>
Total Credit Hours <u>122</u>	

Department of Theatre and Communication Studies

Communication Arts Center

**Robert W. Woodruff Library, Lower Level Telephone:
404-880-8903**

Dr. Eve Graves

(Chair)

jgraves@cau.edu

The mission of the Department of Theatre and Communication Studies is to prepare undergraduate students with mastery in areas of diverse literature, rhetoric, communication and performing arts, and technical skills for professional careers as well as graduate studies. The vision of the Department of Theatre and Communication Studies is to train future scholars and theatre practitioners in communication and theatre arts with the capabilities to influence national and international communities through the use of various new evolving art forms.

The Communication Studies degree program prepares students for careers in the fields of communication, education, law and politics as well as for positions in the public and private sectors and other industries that require employees to have excellent writing, oral and presentation skills, interpersonal skills and the ability to understand communication issues. Students also are prepared to pursue graduate and professional studies in communication related disciplines.

The Theatre Studies degree program prepares students in all the integral parts of theatre art form: acting, movement, technical, and literary studies. Theatre majors develop proficiency in the production, design and direction of plays, using oral and written communication expressions including the theoretical and philosophical perspectives of the theatre.

Programs of Study

1. Bachelor of Arts Degree in Communication Studies (122 Credits)
2. Bachelor of Arts Degree in Theatre Studies (122 Credits)
3. Minor in Communication Studies (18 Credits)
4. Minor in Theatre Studies (18 Credits)

Program of Study

Bachelor of Arts Degree in Communication Studies (122 Credits)

Program Description

Students pursuing the Bachelor of Arts Degree in Communication Studies complete a liberal arts program that provides a foundation to acquire a general knowledge of theoretical concepts and their practical application in the fields of public address, rhetoric, organizational communication and communication management. In addition, students master and demonstrate proficiency in the usage of oral and written communication and have the ability to exercise interpersonal communication constructs in various contexts and situations.

Student Learning Outcomes

Graduates in the in Communication Studies Program will be able to:

1. Conduct audience analysis, and listen to and evaluate speeches of various practitioners, for efficacy.
2. Apply communication technology to speech research, writing, and presentational delivery.
3. Write and deliver effective informative, persuasive and other types of speeches tailored to target audiences.
4. Use research, writing, and oral presentation skills to respond appropriately in various communication contexts.
5. Identify and apply communication theories.

Admission Requirements

Applicants must meet the General Admission Requirements as presented in the Clark Atlanta University Undergraduate Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in the Clark Atlanta University Undergraduate Catalog, students pursuing the Bachelor of Arts Degree in Communication Studies must earn a minimum final grade of "C" in all Theatre and Communication Studies courses and complete the following requirements.

Required Courses in Communication Studies: 45 Credits

CSTA 101 Fundamentals of Speech (3)
CSTA 200 Oral and Written Presentation Skills (3) CSTA 201 Voice and Diction (3)
CSTA 211 Communication Theory and Rhetoric (3)
CSTA 301 Rhetoric of Persuasion (3)
CSTA 303 Argumentation and Debate (3)
CSTA 304 Business and Professional Speech (3) CSTA 305 Interpersonal Communication (3)
CSTA 306 Speech for Radio/TV/Film (3)
CSTA 311 African-American Communication (3)
CSTA 402 Intercultural Communication (3)
CSTA 404 Organizational Communication (3)
CSTA 455 Entertainment Law (3)
CSTA 482 Directed Study *or*
CSTA 489 Internship (3)
CSTA 490 Theatre and Communication Studies Seminar (3)

Required Courses in Mass Media Arts: 6 Credits

CMMA 201 Survey of Media and Society (3)
CMMA 315 Mass Communication Research Methods (3) ^

Major Electives in Speech: 21 Credits

CSTA 213 Public Address (3)
CSTA 218 Concepts in Human communication (3)
CSTA 251 Oral Interpretation (3)
CSTA 302 Speech for the Classroom Teacher (3)
CSTA 307 Special Topics (3)
CSTA 454 Children's Theatre (3)
CSTA 482 Directed Study *or*
CSTA 489 Internship (3)

Cognate Courses (Not required):

CSTA 254 Acting 1 (3)
CMMA 331 International Journalism (3)
CMMA 305 African American Images in the Media (3)

*Free/General Electives: 18 Credits

^Or an approved course substitute.

*All Free Electives must be at the 300 level or higher and in disciplines other than those in the Division of Communication Arts. These electives should be selected in areas of interest and in relevance to future academic and professional goals with assistance from the academic advisor.

General Education Courses: 30 Credits

AREA A: Humanities/ Fine Arts: 6 credits
CHIS 201 US, Africa and the World I to 1500 (3) or
CHIS 202 US, Africa and the World II from 1500 - present (3)
CPHI 105 Critical Thinking (3);
CART 150 Art Appreciation (3) or
CHUM 280 The Ancient Period (3)
CHUM 230 The Modern Period (3)
CREL 101 The Biblical Heritage (3)
AREA B: Social/ Behavioural Sciences: 6 Credits
CPSY 211 General Psychology (3)

CSCJ 216 Introduction to Anthropology (3)

AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits

CMAT 104 Finite Mathematics (3) or

CMAT 105 Pre-Calculus I (3); and

CBIO 101 Biological Science (3) or

CPHY 102 Physical Science (3)

AREA D: Communications: 9 credits

CFLX XXX Elementary French or Spanish (3),

CENG 105, College Composition I (3)

CENG 106, College Composition II (3)

AREA E: Financial/ Technological: 3 Credits

CCIS 100 Information Technology and Computer Applications (3)

Other University Requirements: 2 credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

***Free Electives: 18 Credits**

***Note:** Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

Plan of Study for Bachelor of Arts Degree in Communication Studies (122 Credits)

Freshman Year – 1 st Semester	Freshman Year - 2 nd Semester
CSTA 101 Fundamentals of Speech-3 cr	CCJS100 Information Technology and Computer Applications (Area E) -3cr
CBIO 101 Biological Science (Area C) 3 cr	CPSY211 General Psychology (Area B) 3 cr
CMAT103 Algebra I (Area C) 3 cr	CPHI 105 Critical Thinking (Area A) 3 cr
CENG 105 College Composition (Area D) 3 cr	CENG106 College Composition II (Area D) 3 cr
CGED100 First Year Seminar 1 cr	CGED 101 First Seminar II 1 cr
CART150 Art Appreciation (Area A) 3 cr	CSTA200 Oral & Written Presentation Skills 3 cr
Sophomore Year 1 st Semester	Sophomore Year - 2 nd Semester
CFLX 101 Foreign Language Requirement (Area D) -3cr	CMMA315 Mass Communication Research Methods 3 cr
CSTA211 Communication Theory & Rhetoric 3 cr	CSTA 303 Argumentation and Debate -3 cr
CMMA201 Survey of Media and Society-3cr	CSTA301 The Rhetoric of Persuasion -3 cr
CSTA201 Voice and Diction -3cr	CSCJ216 Introduction to Anthropology Area B -3 cr
CXXXXXX+ Free Elective -3cr	CSTA304 Business and Professional Speech -3 cr
Junior Year 1 st Semester	Junior Year - 2 nd Semester
CSTA311 African American Communication 3 cr	CSTA 404 Organizational Communication 3 cr
CSTA305 Interpersonal Communication -3 cr	CSTA402 Intercultural Communication -3 cr
CSTA306 Speech for Radio/TV /Film -3cr	CSTAXXX* Major Elective In Speech & Theatre -3 cr
CSTAXXX* Major Elective in Speech & Theatre – 3 cr	CSTAX XX* Major Elective in Speech & Theatre -3 cr
CSTAXXX* Free Elective -3 cr	CSTAXXX* Major Elective in Speech & Theatre -3 cr
Senior Year - 1 st Semester	Senior Year - 2 nd Semester
CSTA 455 Entertainment Law 3 cr	CSTA48Zo1
CSTAXXX* Major Elective in Speech & Theatre – 3 cr	CSTA489 Directed Study <i>or</i> Internship -3cr
CSTAXXX* Major Elective in Speech & Theatre – 3 cr	CSTA490 Speech and Theatre Seminar -3 cr
CXXXXXX+ Free Elective-3 cr	CXXXXXX+ Free Elective -3 cr
	CXXXXXX+ Free Elective -3 cr

Major Prerequisites for Communication Studies

Course with Prerequisite	Required Prerequisite
Oral & Written Presentation	CSTA 101, CENG 105, and CENG 106.
Communication Theory & Rhetoric	CSTA 201
Business & Professional Speech	CSTA 101, CSTA 200, CSTA 201, and CSTA 213
Speech for Radio/TV/Stage/Film	CSTA 101, CSTA 200, and CSTA 201
African American Communication	CSTA 101, CSTA 200, and CSTA 201
Entertainment Law	Senior status
Directive Study	Junior or senior status and permission of the instructor
Senior Seminar	Senior status
Additional Clarifications:	

Minor in Communication Studies

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CSTA 200 Oral and Written Presentation Skills	3
CSTA 301 Rhetoric of Persuasion	3
CSTA 304 Business and Professional Speech	3
CSTA 305 Interpersonal Communication	3
CSTA 311 African-American Communication	3
CSTA 404 Organizational Communication	3
Total Credit Hours	18
Additional Clarifications:	

General Education Courses for Communication Studies

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- Note: Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	

Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	

SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Communication Studies

“Major”/department courses (required):	<u>51</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>18</u> credit hours
Major/CGED “related” courses:	<u>6</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>9</u>
Total Credit Hours <u>122</u>	

Minor in Communication Studies (18 Credits)

The Minor in Communication Studies prepares students in developing their oral and written communication skills which complement their major discipline as well as provides them with the ability to manage human interaction in a variety of personal and professional contexts. Students pursuing a minor in Communication Studies should have eighteen (18) hours met with the department chair.

Student Learning Outcomes

Graduates with a Minor in Communication Studies will be able:

1. Discuss ethical principles in all forms of communication including pursuit of truth, accuracy, fairness, and diversity.
2. Critically evaluate the role of mass media in a democracy and communicate through clear, concise and informative writing.
3. Use research, creativity, and critical thinking skills to write an informative or persuasive speech.
4. Describe the influence of mass media in both domestic and global diversity issues as it relates to communication practices.
5. Apply theories relevant to communication concepts to analyze texts and images.

Required Courses: 18 Credits

CSTA 200 Oral and Written Presentation Skills (3)

CSTA 301 Rhetoric of Persuasion (3)

CSTA 304 Business and Professional Speech (3)

CSTA 305 Interpersonal Communication (3)

CSTA 311 African-American Communication (3)

CSTA 404 Organizational Communication (3)

Program of Study

Bachelor of Arts Degree in Theatre Studies (122 Credits)

Program Description

Students pursuing the Bachelor of Arts in Theatre Studies Degree Program complete a liberal arts program that devotes a portion of their theatre studies to an examination of the history of theatre, the role of theatre in society, and the relationship of theatre to other disciplines. Theatre Arts students are trained to demonstrate comprehension of theory and methodology by working on theatrical productions and participating in all levels of production (technical, administration, literary, and artistic); view local and national professional theatre productions to increase their understanding of theatre as a collaborative art form; develop working relationships with local and national theatre companies; and interview and discuss internship and career opportunities in performing arts with professionals.

Student Learning Outcomes

Graduates of the Theatre Studies Program will be able to:

1. Discuss theatre in an historical context and the impact that theatre has on our daily lives including private and public sectors.
2. Read plays and critique professional performances from diverse communities; use backstage theatre technology for lighting, sound, stage management, set design and departmental productions.
3. Apply knowledge of the major authors, periods, movement theories, concepts, and practices in the theatre arts context to develop and implement an independent research project.
4. Identify and analyze issues in the theatre arts context, and devise and implement a plan of action to address concerns.
5. Work collaboratively on group projects as an effective team member to create original works.

Admission Requirements

Applicants to the Bachelor of Arts Degree in Theatre Studies must meet the General Admission Requirements as presented in the Clark Atlanta University Undergraduate Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in the Clark Atlanta University Undergraduate Catalog, students pursuing the Bachelor of Arts Degree in Theatre Studies must earn a minimum final grade of "C" in all Theatre and Communication Studies courses and complete the following requirements:

Required Courses: 60 Credits

CSTA 101 Fundamentals of Speech (3)
CSTA 201 Voice and Diction (3)
CSTA 251 Oral Interpretation (3)
CSTA 252 Theatre Appreciation (3)
CSTA 254 Acting I (3)
CSTA 255 Stagecraft (3)
CSTA 316 Dramaturgy and Criticism (3)
CSTA 321 Lighting and Design (3)
CSTA 351 Development of Drama I (3)
CSTA 352 Development of Drama II (3) CSTA 353 Play
Production Methods (3)
CSTA 354 Acting II (3)
CSTA 410 Costume Design (3)
CSTA 452 Theatre Arts Management (3)
CSTA 453 Directing: Play and Script Analysis (3) CSTA 454
Children's Theatre (3)
CSTA 455 Entertainment Law (3)
CSTA 456 African-American Theatre (3)
CSTA 482 Directed Study (3) *or*
CSTA 489, Internship (3)
CSTA 490 Theatre and Communication Studies Seminar (3)

Major Electives in Theatre Studies: 12 Credits

CSTA 305 Interpersonal Communication (3)*
CSTA 306 Speech for Radio/Stage/TV/Film (3)*
CSTA 311 African American Communication (3)*
CSTA 402 Intercultural Communication (3)*

Cognate Courses (Not required):

CENG 342 Introduction to Drama Writing (3) or
CENG 414 Drama Workshop (3) or
CSTA 302 Speech for the Classroom Teacher (3) and
CSTA 304 Business and Professional Speech (3) and
CSTA 404 Organizational Communication (3) and

***Free Electives: 18 Credits**

***Note:** All free electives must be at the 300 level or higher and in disciplines other than those in the Division of Communication Arts. These electives should be selected in areas of interest and in relevance to future academic and professional goals with assistance from the academic advisor.

General Education Courses: 30 Credits

AREA A: Humanities/ Fine Arts: 6 credits
CHIS 201 US, Africa and the World I to 1500 (3) or
CHIS 202 US, Africa and the World II from 1500 - present (3)
CPHI 105 Critical Thinking (3);
CART 150 Art Appreciation (3) or
CHUM 280 The Ancient Period (3)
CHUM 230 The Modern Period (3)
CREL 101 The Biblical Heritage (3)
AREA B: Social/ Behavioural Sciences: 6 Credits
CPSY 211 General Psychology (3)
CSCJ 216 Introduction to Anthropology (3)
AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits
CMAT 104 Finite Mathematics (3) or
CMAT 105 Pre-Calculus I (3);

CBIO 101 Biological Science (3) or

CPHY 102 Physical Science (3)

AREA D: Communications: 9 credits

CFLX XXX Elementary French or Spanish (3),

CENG 105 College Composition I (3)

CENG 106 College Composition II (3)

AREA E: Financial/ Technological: 3 Credits

CCIS 100 Information Technology and Computer Applications (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

Note: Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

**Plan of Study for Bachelor of Arts Degree in Theatre Studies
(122 Credits)**

Freshman Year – 1st Semester	Freshman Year - 2nd Semester
CSTA 101 Fundamentals of Speech (Area D) -3 cr	CART1 50 Art Appreciation (Area A) -3 cr
CSTA 252 Theatre Appreciation -3 cr	CENG 106 College Composition II (AREA D) - 3 cr
CENG 10 5 College Composition I (AREA D)- 3cr	CPSY 211 General Psychology (AREA B) – 3 cr
CCIS100 Information Technology and Computer Applications (AREA E1- 3 cr	CBIO 101 or CPHY 102 Biological Science or Physical Science (AREA C) -3 cr
CMAT1 03 Algebra I (AREA C) -3 cr	CPH I1 0 5 Critical Thinking (AREA A) -3 cr
CGED100 First-Year Seminar 1-1 cr	CGED 101 First-Year Seminar 11-1 cr
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CSTA201 Voice and Diction -3 cr	CSTA251 Oral Interpretation -3 cr
CSTA254 Acting I -3 cr	CSTA25 5 Stagecraft -3 cr
xxxxxxx Free Elective -3 cr	CSTA316 Dramaturgy and Criticism -3 cr
CSTA XXX Major Elective in Speech and Theatre -3 cr	CSTA354 Acting II -3 er
CFLX101 Foreign Language Requirement I -3 cr	CSCJ 21 5 Introduction to Sociology (Area B) - 3cr
Junior Year 1st Semester	Junior Year - 2nd Semester
CSTA 351 Development of Drama i -3 cr	CSTA456 African-American Theatre -3 cr
CSTA 353 Play Production Methods -3 cr	CSTA352 Development of Drama II -3 cr
xxxxxxx Free Elective -3 cr	CSTA410 Costume Design -3 cr
CSTA321 Lighting and Design -3 cr	CSTA453 Directing: Play and Script Analysis - 3 cr
CSTA452 Theatre Arts Management-3 cr	CSTA XXX* Major Elective in Speech and Theatre-3cr
Senior Year - 1st Semester	Senior Year - 2nd Semester
CSTA45 5 Entertainment Law-3 cr	CSTA454 Children's Theatre -3 cr
CSTA48 9 Internship (or 482 Directed Study) -3 cr	CSTA490 Speech and Theatre Seminar -3 cr
CSTA XXX* Major Elective in Speech and Theatre-3 cr	CSTA XXX* Major Elective in Speech and Theatre-3 cr
CXXX XXX+ Free Elective-3 cr	CXXX XXX+ Free Elective-3 cr
CXXXXXXXX+ Free Elective-3 cr	CXXX XXX+ Free Elective-3 cr

Major Prerequisites for Theatre Studies

Course with Prerequisite	Required Prerequisite
Oral Interpretation	CSTA 201
Acting I	CSTA 201
Lighting & Design	CSTA 255
Development of Drama I	CSTA 251
Development of Drama II	CSTA 351
Acting II	CSTA 254
Entertainment Law	Senior status
Directive Study	Junior or senior status and permission of the instructor
Directing	CSTA 352, CSTA 353, and CSTA 354
Senior Seminar	Senior status
Costume Design	Junior or senior status
Theatre Arts Management	Senior standing and permission of instructor.
Additional Clarifications:	

Minor in Theatre Studies

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CSTA 200- Oral and Written Presentation Skills	3
CSTA 252- Theatre Appreciation	3
CSTA 254- Acting I	3
CSTA 353- Play Production Methods	3
CSTA 456 – African-American Theatre	3
CSTA 321- Lightening and Design	3
Or CSTA 410- Costume Design Or CSTA 455 – Entertainment Law	
Total Credit Hours	18
Additional Clarifications:	

General Education Courses for Theatre Studies

General Education Core Curriculum

Please list all General Education course recommendations for this Major

- **Note: Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.**

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	

Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input checked="" type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input checked="" type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
<hr/>		
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input checked="" type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input checked="" type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input checked="" type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	REQ

Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Theatre Studies

“Major”/department courses (required):	60 credit hours (Grade of C or higher required)
“Minor” related courses (required):	18 credit hours
Major/CGED “elective” courses:	12 credit hours (2 foreign languages 101 &102 or higher)
General Education (required):	30 credit hours
Other University Requirements:	2 credit hours (First Year Seminar 100 & 101)
General/Free Electives:	18
Total Credit Hours	<u>122</u>

Minor in Theatre Studies (18 Credits)

The Minor in Theatre Studies offers students a focused study of the theatrical and dramatic arts by combining courses in dramatic and theatrical history, criticism, and theory with concrete practice through direct production involvement. This program is for students who have an interest to pursue acting and/or theatre studies production while majoring in other areas. The program prepares students with a broad range of skills to balance their college experience and future employment as well as provides a unique and diversified background applicable to other job areas such as theatre management and education. Students pursuing a minor in Theatre Studies should meet with the department chair.

Student Learning Outcomes

Graduates with a Minor in Theatre Studies will be able to:

1. Develop a conceptual project related to theatre performance, scenography, and theatre production.
2. Demonstrate creative, collaborative communication skills and processes in acting, directing, and designing dramatic productions.
3. Compare and contrast different cultures, points of view, and social systems through the analysis of historical and contemporary approaches to performance in theatre.
4. Discuss the work of dramatic texts and the methods by which these texts are applied to dramatic productions.
5. Use critical and creative writing skills to reflect theoretical practices in creation of theatre.

Required Courses: 18 Credits

CSTA 200 Oral and Written Presentation Skills (3) CSTA 252 Theatre Appreciation (3)

CSTA 254 Acting I (3)

CSTA 353 Play Production Methods (3)

CSTA 456 African-American Theatre (3)

CSTA 321 Lighting and Design (3) *or*

CSTA 410 Costume Design (3) *or*

CSTA 455 Entertainment Law (3)

Program Opportunities

The Department of Theatre and Communication Studies hosts several organizations for majors and non- majors. They include:

- **Alpha Psi Omega** - a national drama honor society for students who have been involved actively in theatrical productions while maintaining scholastic integrity.
- **Clark Atlanta University Players (CAU Players)** - composed of majors and non-majors with a strong desire to perform and produce challenging work. The mission of the CAU Players is to excite, educate, and entertain. The CAU Players present a variety of productions yearly.
- **The Forensics Society** - composed of majors and non-majors interested in public speaking, oral interpretation, and debate. The society participates in competitions locally and nationally.
- **Lambda Pi Eta Honor Society, Theta Tau Chapter** - goals are to recognize, foster, and reward outstanding scholastic achievement; stimulate interest in the field of communication; promote and encourage professional development among communication majors; provide an opportunity to discuss and exchange ideas about the field; establish and maintain close relationships and understanding between faculty and students; and explore options for further graduate studies. To become a member of Lambda Pi Eta, students must have completed at least 60 semester hours; have completed at least 12 semester hours of communication study and have a GPA of at least 3.25; have a cumulative GPA of at least 3.0; and be in the upper 35% of their graduating class.
- **National Communication Association Student Club (NCASC)** - an organization for division of communication arts majors interested in the field of communication. Students must have declared a major in communication to join the organization officially.

Division of Humanities

The Division of the Humanities serves as a catalyst to all areas and departments within the School of Arts and Sciences and assumes leadership for the cultural life of the University both on and off campus. Academically, the division encompasses the disciplines concerned with human thought and culture. Studies in the humanities improve and enhance the implementation of ideas and creative expression.

The Division of Humanities includes the Departments of Art, English, Foreign Languages, History, Music, and Religion and Philosophy. Each department offers majors that prepare students to help design and influence human values and behavior. Upon graduation, humanities majors can pursue careers as philosophers, teachers, writers, artists, fashion designers, choreographers, linguists, and filmmakers, among other choices. The undergraduate courses in humanities partially fulfill the University's General Education Core requirements.

Department of Art and Fashion

Oglethorpe Hall

Administrative Assistant: Ms. Aaliyah K. Dasque

Telephone: (404) 880-8122

Associate Professor of Fashion Merchandising Mrs. BJ Arnett Interim

Chair Art and Fashion Department

Barnett@cau.edu

The mission of the Department of Art is to prepare the next generation of professionals with marketable skills in visual and graphic art communication, fashion design, and fashion merchandising through creative projects and active engagement opportunities with professionals in the field.

The vision of the Department of Art is to empower a diverse student body with knowledge, specific competencies, state-of-the art technological hands-on training necessary for careers in the fields of visual communication and the fashion industry around the world.

The Department of Art promotes the creative development of students whose interests and talents lead them toward careers in the visual arts, fashion design, and fashion merchandising while contributing to the cultural enrichment of the University community. The Department sponsors visiting artists, designers, and industry professionals.

Programs of Study

1. Bachelor of Arts Degree in Art (122 Credits)
2. AUC Collective Bachelor of Art History (122 Credits)

Concentrations: General Studio Art Advertising Design

1. Bachelor of Arts Degree in Fashion (122 Credits)

Concentrations: Fashion Design Merchandising

1. Minor in Art (18 Credits)
2. Minor in Fashion Design (18 Credits)
3. Minor in Fashion Merchandising (18 Credits)
4. Minor in Fashion Styling (18 Credits)
5. Minor in Professional Apparel Design (18 Credits)

Bachelor of Arts Degree in Art (122 Credits)

***Students in this program have the option to choose a concentration in General Studio Art or in Advertising Design.**

Program Description

The **Bachelor of Arts Degree in Art with General Studio Concentration** curriculum is designed to encourage intellectual development and growth and to develop marketable skills of students interested in preparing for work in art and arts related management and education options. Graduates of this program will have the content knowledge to pursue advanced graduate level study in painting, sculpture, printmaking, and photography as well as teaching grade levels K-12.

Student Learning Outcomes

Graduates with a **Concentration in General Studio Art** will be able to:

1. Create effective visual art products.
2. Justify design/creative solutions in critiquing creative projects.
3. Demonstrate mastery of imaging technologies.
4. Know and discuss art history from a cross-cultural background with specific awareness of African-American artistic developments.

The **Bachelor of Arts Degree in Art with Advertising Design Concentration** curricula is to prepare students intending to enter the art industry to pursue careers in a wide array of visual communication areas including advertising art direction, design and illustration for digital and print products, web design, graphic design, photography, and studio production.

Student Learning Outcomes

Graduates with a **Concentration in Advertising Design** will be able to:

1. Create effective visual communication products.
2. Justify design/creative solutions in critiquing creative projects.
3. Demonstrate mastery of imaging technologies.
4. Know and discuss art history from a cross-cultural background with specific awareness of African-American artistic developments.

Admissions Requirements

Applicants to the **Bachelor of Arts Degree in Art with Concentrations** in General Studio Art or Advertising Design must meet the General Admission Requirements as presented in the Clark Atlanta University Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in the Clark Atlanta University Undergraduate Catalog, students pursuing the **Bachelor of Arts Degree in Art with Concentrations in General Studio Art or Advertising Design** (both concentrations require 57 credit hours in the major) must complete the following courses:

Required Common Courses: 33 Credits

- CART 101 Art Foundations I (3)
- CART 102 Art Foundations II (3)
- CART 201 Drawing I (3)
- CART 202 Drawing II (3)
- CART 303 Advanced Drawing (3)

- CART 240 Art History Survey I (3) CART 241
Art History Survey II (3) CART 275
Photography I (3)

CART 277 Computer Imaging Basics (3) *or* CART 379
Advanced Computer Imaging (3)* CART 217
Printmaking (3)
CART 492 Senior Seminar (3)
***Advanced placement assessed through interview with instructor.**

Additional Required Courses for Advertising Design: 12 credits

CART 301 Art Direction/Design I (3)
CART 302 Art Direction/Design II (3)
CART 401 Art Direction/Design III (3)
CART 402 Art Direction/Design IV (3)

Advertising Design Concentration Electives: 12 Credits

Students choose any 4 courses.

CART 375 Photography II (3)
CART 451 Directed Study: Illustration (3)
CART 456 Directed Study: Photography (3)
CART 457 Directed Study: Printmaking (3)
CART 462 Directed Study: Advertising Design (3) CART 479
Directed Study: Computer Imaging (3) CART 480 Internship
(3)
CBUS 335 Principles of Marketing (3)
CBUS 336 Consumer Behavior (3)
CBUS 431 Principles of Advertising (3)
CBUS 480 Entrepreneurship and Enterprise (3) CMMMA
201 Survey of Media and Society (3) CMMMA 301 News
Editing I (Copywriting) (3) CMMMA 338 Media Advertising
and Sales (3)

**General Studio Concentration Electives: 24 Credits Students
choose any 8 courses.**

CART 301 Art Direction/Design I (3)
CART 302 Art Direction/Design II (3)
CART 315 Illustration I (3)
CART 317 Printmaking II (3)
CART 375 Photography II (3)
CART 379 Advanced Computer Imaging (3)
CART 413 African Fabric Design (3)
CART 444 Seminar in Contemporary Art (3) CART 451
Directed Study: Illustration (3)
CART 456 Directed Study: Photography (3)
CART 457 Directed Study: Printmaking (3)
CART 462 Directed Study: Advertising Design (3) CART
479 Directed Study: Computer Imaging (3) CART 488
Internship (3)

Note: Students may also choose any approved art or art history course offered at Spelman College and Morehouse College.

AUC Collective Bachelor of Art History (122 Credits)

***Students in this program will take the bulk of their major courses at Spelman College through their Department of Art & Visual Culture.**

Program Description

The AUC Collective BA in Art History degree is primarily housed and administered by Spelman College's Department of Art and Visual Culture and the Spelman College Museum of Fine Art. This is a writing intensive, research based, liberal arts degree designed to prepare students to enter graduate studies, pursue careers in museum studies, grant writing for private or public research projects, and consulting on architectural restoration or historical film projects. Art historians most valued tool is writing. With this in mind, candidates to the program should have an average GPA from high school of a 3.74, an average SAT (CR+M) of 1140 or an ACT score of 25.

The major has six student learning outcomes including:

1. Demonstrate knowledge of works of art and architecture produced in different cultures and at different times, including major artists, scholars, and curators.
2. Demonstrate informed and critical reading, writing, and speaking skills that emphasize critical looking. They will be able to analyze the visual and physical qualities of images, objects and buildings.
3. Demonstrate expertise in self-directed research and ability to articulate a range of methodologies and theories across the discipline.
4. Formulate interdisciplinary questions about the roles of art, the built and the virtual environment based on experiences in cross-departmental courses.
5. Apply an understanding of the broader contexts of art and architecture through museum and site study experience(s) of exhibitions and collections on AUC campuses and in Atlanta area cultural institutions and beyond.
6. Demonstrate a conceptual and historical grasp of contemporary issues in the intersecting worlds of art, science, technology, and new media.

The BA in Art History requires 16 courses. Four foundational courses introduce students to art historical movements, two courses focus on writing and research skills used in the practice of art history, seven elective courses allow students an emersion into various themes and three courses end the sequence with a focus on personal practice and career building. The degree requires a final thesis.

The Art History major requires 16 courses (51-55 credit hours) including the following: SAVC

141 Ways of Seeing I (3)

SAVC 142 Ways of Seeing II (3)

SAVC 230 Global Foundations of Modern Art (3) SAVC

243 African American Art (4)

SAVC 255 Writing in Art History (3) SAVC

320 Framing Art Histories (3) One Art

History Elective (4)

One Art History Elective (writing intensive) (4) Art

and Visual Culture Studio Elective (3 or 4) Thematic

Elective I (3 or 4)

Thematic Elective II (3 or 4)

Thematic Elective III (3 or 4) Curatorial

Studies Elective (4) SAVC 375 Rules of

Engagement (2)

SAVC 480 Art History Thesis (6)

Additional Requirements:

Students in both concentrations must declare either: 1) an official Minor (18 hours minimum); or 2) select a minimum of two stackable credentials (in most cases 18-24 hours). Students who started as First Year or

transfer students with less than 40 earned semester hours would be required to declare their choice of options before the end of the second semester in the sophomore year. Transfer students with 40 or more earned semester hours are required to declare their intention of a specific minor or two sets of stackable credentials upon entering the University.

In most cases, students will have 12-15 hours of free electives to pursue interests outside the major or minor. We wish to keep as much flexibility as possible to accommodate each student's specific career or post-baccalaureate goals, but we have identified "suggested" options to consider:

Suggested Minors: Fashion Design, Theatre Arts

General Education Courses: 33 Credits AREA A:

Humanities/ Fine Arts: 6 credits

CHUM 230 The Modern Period (3), CMUS 120 Music Appreciation (3), or
CSTA 252 Theatre Appreciation (3)

AREA B: Social/ Behavioral Sciences: 6 Credits

CPSY 211 General Psychology (3), CPSY 218 Human Growth and Development (3), or
CSCJ 215 Introduction to Sociology (3)

AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits

CMAT 104 Finite Mathematics or higher (3), and

CBIO 101 Biological Sciences (3) or CPHY 102 Physical Science (3)

AREA D: Communications: 9 credits

CENG 105 College Composition I (3), CENG 106 College Composition II (3), and

CSTA 101 Speech Communications (3) **AREA E:**

Financial/ Technological: 6 Credits

CART 277 Computer Imaging Basics (3) and

CBUS 250 Financial Planning (3), or CBUS 209 Accounting for Non-Business Majors (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

***Free Electives: 30 Credits**

***Note:** Free Electives should be chosen in consultation with the advisor. Students must complete a minor or two stackable credentials for the degree.

**Plan of Study for Bachelor of Art in Art with General Studio Concentration
(122 Credits)**

Freshman Year – 1st Semester	Freshman Year - 2nd Semester
CART 101 Art Foundations I	CART 102 Art Foundations II
CENG 105 College Composition I (AREA D)	CENG 106 College Composition II (AREA D)
CGED 100 First-Year Seminar I	CGED 101 First-Year Seminar II
CART 201 Drawing I	CART 202 Drawing II
CXXX Science Option (AREA C)	CART 277 Computer Imaging Basics (AREA E)
CMAT 103 College Algebra (AREA C) or higher level	CXXX Humanities/Fine Arts Option (AREA A)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CART 217 Printmaking I	CART 275 Photography I
SART 141 History of Art I	SART 142 History of Art II
CART XXX Art Elective	CXXX Social/Behavioral Sciences Option (AREA B)
CXXX Social/Behavioral Sciences Option (AREA B)	CXXX Humanities/Fine Arts Option (AREA A)
CSTA 101 Fundamentals of Speech	CXXX Minor or Credential course
Junior Year 1st Semester	Junior Year - 2nd Semester
CART XXX Art Elective	CART XXX Art Elective
CART 303 Advanced Drawing	CART XXX Art Elective
CART XXX Art Elective	CXXX Minor or Credential course
CXXX Financial Option (AREA E)	CXXX Minor or Credential course
Free Elective*	Free Elective*
Senior Year - 1st Semester	Senior Year - 2nd Semester
CART XXX Art Elective (300/400 level)	CART XXX Art Elective (300/400 level)
CART XXX Art Elective	CART 492 Senior Seminar
CXXX Minor or Credential course (300/400 level)	CXXX Minor or Credential
CXXX Minor or Credential course	Free Elective*
Free Elective*	Free Elective*

Major Prerequisites for General Studio Concentration

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
Additional Clarifications:	

Minor in General Studio Concentration

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CART 101 Art Foundations I (3)	3
CART 102 Art Foundations I (3)	3
CART 150 Art Appreciation (3) #	3
CART 201 Drawing (3)	3
CART XXX Art Elective (3) ##	3
CART XXX Art Elective (3) ##	3
	18
Total Credit Hours - 18	
Additional Clarifications:	

General Education Courses for General Studio

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	

CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	

Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for General Studio

“Major”/department courses (required):	<u>51</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>18</u> credit hours
Major/CGED “related” courses:	<u>6</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>9</u>
Total Credit Hours <u>122</u>	

Plan of Study for Bachelor of Art in Art with Advertising Design Concentration (122 Credits)

Freshman Year – 1 st Semester	Freshman Year - 2 nd Semester
CART 101 Art Foundations I	CART 102 Art Foundations II
CENG 105 College Composition I (AREA D)	CENG 106 College Composition II (AREA D)
CGED 100 First-Year Seminar I	CGED 101 First-Year Seminar II
CART 201 Drawing I	CART 202 Drawing II
CXXX Science Option (AREA C)	CART 277 Computer Imaging Basics (AREA E)
CMAT 103 College Algebra (AREA C) or higher level	CXXX Humanities/Fine Arts Option (AREA A)
Sophomore Year 1 st Semester	Sophomore Year - 2 nd Semester
CART 217 Printmaking I	CART 275 Photography I
SART 141 History of Art I	SART 142 History of Art II
CART XXX Art Elective	CXXX Social/Behavioral Sciences Option (AREA B)
CXXX Social/Behavioral Sciences Option (AREA B)	CXXX Humanities/Fine Arts Option (AREA A)
CSTA 101 Fundamentals of Speech	CXXX Minor or Credential course
Junior Year 1 st Semester	Junior Year - 2 nd Semester
CART 301 Art Direction/Design 1	CART 302 Art Direction/Design II
CART 303 Advanced Drawing	CART XXX Art Elective
CART XXX Art Elective	CXXX Minor or Credential course
CXXX Financial Option (AREA E)	CXXX Minor or Credential course
Free Elective*	Free Elective*
Senior Year - 1 st Semester	Senior Year - 2 nd Semester
CART 401 Art Direction/Design III	CART 402 Art Direction/Design IV
CART XXX Art Elective	CART 492 Senior Seminar
CXXX Minor or Credential course (300/400 level)	CXXX Minor or Credential
CXXX Minor or Credential course	Free Elective*
Free Elective*	Free Elective*

Major Prerequisites for Advertising Design

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
Additional Clarifications:	

Minor in Art

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CART 101 Art Foundations I (3)	3
CART 102 Art Foundations I (3)	3
CART 150 Art Appreciation (3) #	3
CART 201 Drawing (3)	3
CART XXX Art Elective (3) ##	3
CART XXX Art Elective (3) ##	3
Total Credit Hours	18
Additional Clarifications:	

General Education Courses for Advertising Design

General Education Core Curriculum		
Please check all General Education course recommendations for this Major		
Note: Departments may <u>“recommend”</u> Non-Department GE courses, but may not <u>“require”</u> GE courses outside of your Department without approval from the Office of the Provost.		
Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	

CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics(3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	

CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications(3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	

CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Advertising Design

"Major"/department courses (required):	<u>51</u> credit hours (Grade of C or higher required)
"Minor" related courses (required):	<u>18</u> credit hours
Major/CGED "related" courses:	<u>6</u> credit hours (2 foreign languages 101 &102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>9</u>
Total Credit Hours <u>122</u>	

**Plan of Study for Bachelor of Art History
(122 credits)**

Freshman Year - 1st Semester	Freshman Year - 2nd Semester
SAVC 141 Ways of Seeing: Pyramids to Cathedrals	
CENG 105 College Composition I (AREA D)	CENG 106 College Composition II (AREA D)
CGED 100 First-Year Seminar I	CGED 101 First-Year Seminar II
CART 201 Drawing I	CART 202 Drawing II
CXXX Science Option (AREA C)	CART 277 Computer Imaging Basics (AREA E)
CMAT 103 College Algebra (AREA C) or higher level	CXXX Humanities/Fine Arts Option (AREA A)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
SAVC 230 Global Foundations of Modern Art	SAVC 230 African American Art
SART 141 History of Art I	SART 142 History of Art II
CART XXX Art Elective	CXXX Social/Behavioral Sciences Option (AREA B)
CXXX Social/Behavioral Sciences Option (AREA B)	CXXX Humanities/Fine Arts Option (AREA A)
CSTA 101 Fundamentals of Speech	CXXX Minor or Credential course
Junior Year 1st Semester	Junior Year - 2nd Semester
CART 301 Art Direction/Design 1	CART 302 Art Direction/Design II
SAVC 255 Writing in Art History	SAVC 320 Framing Art Histories
CART XXX Art Elective	CXXX Minor or Credential course
CXXX Financial Option (AREA E)	CXXX Minor or Credential course
Free Elective*	Free Elective*
Senior Year - 1st Semester	Senior Year - 2nd Semester
CART 401 Art Direction/Design III	Art Direction/Design IV
CART XXX Art Elective	CART 492 Senior Seminar
SAVC 375 Rules of Engagement	CXXX Minor or Credential
CXXX Minor or Credential course	SAVC 480 Art History Thesis
Free Elective*	SAVC (various) Division of the Arts Seminar

Major Prerequisites for Art History

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
Additional Clarifications:	

Minor in Art History

All minors require a total of **19** semester credit hours from another School or Department.

Required Courses	Credit Hours
SAVC 141 Ways of Seeing: Pyramids to Cathedrals	
SAVC 142 Ways of Seeing: Medieval to Modern Art	
SAVC 255 Writing in Art History	
SAVC 320 Framing Art Histories	
Elective Courses	
Choose One:	
SAVC 230 Global Foundations of Modern Art	
SAVC 305 Seminar in Curatorial Practice	
SAVC 306 Mining the Museum	
Choose One:	
SAVC 143 African American Art	
SAVC 312 Africa, Antiquity & Contemporary Expression	
Total Credit Hours - 18	
Additional Clarifications: Study Abroad [Global Experience], Internships & Directed/Independent Studies are strongly encouraged.	

Minor in Curatorial Studies

All minors require a total of **19** semester credit hours from another School or Department.

Required Courses	Credit Hours
SAVC 235 Introduction to the Object	
SAVC 305 Seminar in Curatorial Practice	
SAVC 306 Mining the Museum	
SAVC 375 Rules of Engagement	
SAVC 435 Theory and Criticism	
SAVC 475 Curatorial Practicum	
Total Credit Hours - 18	
Additional Clarifications: Study Abroad [Global Experience], Internships & Directed/Independent Studies are strongly encouraged.	

General Education Courses for Art History

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may “recommend” Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
<hr/>		
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	

CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	

CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Art History

“Major”/department courses (required):	<u>51</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>18</u> credit hours
Major/CGED “related” courses:	<u>6</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>2</u>
Total Credit Hours <u>122</u>	

Bachelor of Arts Degree in Fashion (122 Credits)

Students in this program have the option to choose a concentration in Fashion Design or Merchandising.

Program Description

The **Fashion Design Concentration** focuses on training students to develop apparel for various markets in keeping with creative, technical, and economic factors of the fashion world and emphasizes on the creative aspects of designing and developing merchandise for manufacturers, wholesalers and retailers. The program prepares students for entering the apparel industry as apparel designers, costume designers for theatre, assistant fashion stylists/wardrobes, fashion coordinators, production managers, product developers, computer-aided design specialists, merchandisers, findings/trimming buyers, fabric buyers, showroom sales representatives and entrepreneurs.

Student Learning Outcomes

Graduates with a **Bachelor of Art in Fashion with Fashion Design Concentration** will be able to:

1. Identify and apply design elements and trends from key eras of fashion history in clothing, construction, patternmaking, draping techniques and computer imaging.
2. Apply aesthetic principles and elements of design to the development, selection, evaluation of apparel, and other textile products.
3. Discuss factors relevant to design history and theory that constitute apparel quality and fit.
4. Design, develop, and construct fashion illustrations, patterns, computer-aided designs, garment prototypes, apparel, and other related fashion products using fashion tools, techniques, and processes.
5. Analyze problems and formulate solutions related to fashion design, textile, styling, apparel production, and marketing issues.

The **Merchandising Concentration** prepares students through structured learning processes to understand industry innovations, challenging careers, current trends, and the impact of globalization, technological advances and the expansion of designers into new and broader categories. The merchandising concentration covers both the retailers and manufacturers' needs for

merchandisers and product developers. Merchandising reflects the planning, organizational, and sales aspects of the fashion business. Students learn how to merchandise apparel products and how to develop planning modules. They will understand target markets and how to develop promotional plans for various products and events to meet the goals of a successful business.

The opportunities for employment are varied and depend upon the students' interests and abilities. Careers are available in retailing as buyer, planner, manager, fashion coordinator, market researcher; in promotion and display coordinator, public relations director, advertising manager; in wholesaling as manufacturing representative, showroom sales associate, and in apparel and textile manufacturing as sales associate, piece goods buyer, merchandising manager, market research; in publications as Fashion Stylist, advertising manager, and fashion editor.

Guest speakers, field trips, and study tours permit students to have contact with businesses and industry professionals. Qualified students may gain additional professional experiences through multiple internships.

Student Learning Outcomes

Graduates with a **Bachelor of Art in Fashion with Merchandising Concentration** will be able to:

1. Apply the key principles and elements of fashion design and merchandising.

2. Research, define, and evaluate criteria and requirements for merchandise apparel products and develop planning modules. Discuss factors relevant to design history and theory that constitute apparel quality and fit.
3. Develop promotional planning strategies for target markets, products, and events within the fashion industry.
4. Identify and apply the phases of fashion development from design to production and marketing to sales.
5. Utilize the appropriate technologies to develop visual merchandising layouts, displays, events, and presentations.

Admissions Requirements

Applicants to the **Bachelor of Arts Degree in Fashion with a concentration in Fashion Design or Merchandising** must meet the General Admission Requirements as presented in the Clark Atlanta University Undergraduate Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in the Clark Atlanta University Undergraduate Catalog, students pursuing the Bachelor of Arts Degree in Fashion with a concentration in Fashion Design or Merchandising must complete the following courses:

Required Common Courses: 33 Credits

CART 101 Art Foundations I (3)
 CART 102 Art Foundations II (3)
 CART 277 Computer Imaging Basics (3)

CFAS 210 Principles of Fashion Industry (3) CFAS
 220 History of Costume (3)
 CFAS 230 Textiles (3)
 CFAS 250 Visual Merchandising (3)
 CFAS 314 Promotional Planning Strategies (3)
 CFAS 440 Retail Management (3)
 CFAS 420 Fashion Show Production (3)
 CFAS 480 Internship (3)

Additional Required Courses for Fashion Design: 30 credits

CART 201 Drawing I (3)
 CFAS 237 Fashion Illustration (3)
 CFAS 240 Apparel Construction I (3)
 CFAS 241 Apparel Construction II (3)
 CFAS 310 Flat Pattern (3)
 CFAS 320 Draping (3)
 CFAS 350 Fashion Accessory Design (3)
 CFAS 360 Fashion CAD (3)
 CFAS 410 Fashion Design Senior Collection (3)
 CFAS 450 Fashion Design Portfolio (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
 CGED 101 First-Year Seminar II (1)

***Free Electives for Fashion Design: 24 Credits**

***Note: Free Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.**

Additional Required Courses for Merchandising: 21 Credits

CFAS 201 Creative Fashion Presentation (3) CFAS
325 Wardrobe Styling & Consulting (3) CFAS 401
Retail Mathematics (3)
CFAS 402 Fashion Buying and Planning (3) CFAS 425
Case Studies in Fashion Marketing (3) CFAS 430 Trend
Forecasting (3)
CFAS 490 Fashion Merchandising Seminar (3)

Merchandising Concentration Electives: 3 Credits**Students choose 1 class from the following.**

CART 275 Photography (3)
CART 379 Advanced Computer Imaging (3)
CBUS 206 Management Information Systems (3) CBUS
209 Accounting for Non-Business Majors (3) CECO 250
Principles of Economics (3)
CBUS 335 Principles of Marketing (3)
CBUS 336 Consumer Behavior (3)
CBUS 431 Principles of Advertising (3)
CBUS 340 Principles of Management (3)
CBUS 372 Personnel Management (3)
CBUS 480 Entrepreneurship and Enterprise (3) CMMA
201 Survey of Media and Society (3) CMMA 301 News
Editing I (Copywriting) (3) CMMA 338 Media
Advertising and Sales (3)

Additional Requirements:

Students in both concentrations must declare either: 1) an official Minor (18 hours minimum); or 2) select a minimum of two stackable credentials (in most cases 18-24 hours). Students who started as First Year or transfer students with less than 40 earned semester hours would be required to declare their choice of options before the end of the second semester sophomore year. Transfer students with 40 or more earned semester hours are required to declare their intention of a specific minor or two sets of stackable credentials on entering the University.

In most cases, students will have 12-15 hours of free electives to pursue interests outside the major or minor.

General Education Courses: 33 Credits AREA A:

Humanities/ Fine Arts: 6 credits CHUM 230 The
Modern Period (3), or CART 150 Art
Appreciation (3), or
CMUS 120 Music Appreciation (3), or
CSTA 252 Theatre Appreciation (3)

AREA B: Social/ Behavioral Sciences: 6 Credits CPSY
211 General Psychology (3), or
CPSY 218 Human Growth and Development (3), CSCJ
215 Introduction to Sociology (3)

AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits CMAT
104 Finite Mathematics or higher (3), or
CBIO 101 Biological Sciences (3), or
CPHY 102 Physical Science (3), or **AREA D:**
Communications: 9 credits CENG 105
College Composition I (3)

CENG 106 College Composition II (3) and CSTA 101 Speech Communications (3) **AREA E:** Financial/ Technological: 6 Credits CART 277 Computer Imaging Basics (3), or CBUS 250 Personal Finance (3), or CBUS 209 Accounting for Non-Business Majors (3)

Other University Requirements: 2 Credits CGED

100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

***Free Electives: 30 Credits**

***Note:** Free Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

Study Abroad

Students in the Fashion Design and Merchandising Program have the opportunity to participate in CAU's International Studies Program. Students are immersed in the culture, such as study abroad tours in London, England and Milan, Italy and Paris, France. While studying abroad, students gain a global experience to broaden their prospective in the areas of fashion design and fashion-related retail merchandising.

**Plan of Study for Bachelor of Arts Degree in Fashion Design Concentration
(122 Credits)**

Freshman Year - 1st Semester	Freshman Year - 2nd Semester
CART 101 Art Foundations	CART 102 Art Foundations II
CENG 105 College Composition I (AREA D)	CENG 106 College Composition II (AREA D)
CGED 100 First-Year Seminar I	CGED 101 First-Year Seminar II
CART 201 Drawing I	CFAS 237 Fashion Illustration
CXXX Science Option (AREA C)	CFAS 220 History of Costume
CMAT 103 College Algebra (AREA C) or higher level	CART 277 Computer Imaging Basics (AREA E)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CFAS 230 Textiles	CFAS 250 Visual Merchandising
CFAS 240 Apparel Construction I	CFAS 241 Apparel Construction II
CXXX Humanities/Fine Arts Option (AREA A)	CXXX Natural Sciences Option (AREA C)
CSTA 101 Fundamentals of Speech (AREA D)	CXXX Humanities/Fine Arts Option (AREA A)
Free Elective*	CXXX Minor or Credential course
Junior Year 1st Semester	Junior Year - 2nd Semester
CFAS 310 Flat Pattern	CFAS 320 Draping
CFAS 440 Retail Management	CFAS 314 Promotional Planning Strategies
CFAS 360 Fashion CAD	CFAS 480 Internship
CXXX Social/Behavioral Sciences (AREA B)	CXXX Social/Behavioral Sciences
CXXX Financial Literacy Option (AREA E)	CXXX Minor or Credential course
Senior Year - 1st Semester	Senior Year - 2nd Semester
CFAS 410 Fashion Design Senior Collective	CFAS 420 Fashion Show Production
CFAS 350 Fashion Accessory Design	CFAS 450 Fashion Design Portfolio
CXXX Minor or Credential course 300/400 level	CXXX Minor or Credential course 33/400 level
CXXX Minor or Credential course	CXXX Minor or Credential course
Free Elective*	Free Elective*

Major Prerequisites for Fashion Design

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
Additional Clarifications:	

Minor in Fashion Design

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CFAS 220 History of Costume	3
CFAS 102 Art Foundation	3
CART 277 Computer Imaging Basics	3
CFAS 240 Apparel Construction	3
CFAS 310 Flat Pattern	3
CFAS 320 Draping	3
	18

Minor in Apparel Design

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CART 201 Drawing I	3
CFAS 237 Fashion Illustration	3
CFAS 240 Apparel Construction I	3
CFAS 241 Apparel Construction II	3
CFAS 310 Flat Pattern	3
CFAS 320 Draping	3
	18

Minor in Merchandising

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CFAS 210 Principles of Fashion Industry	3
CFAS 220 History of Costume	3
CART 250 Visual Merchandising	3
CFAS 314 Promotional Planning Strategy	3
CFAS 401 Retail Mathematics	3
CFAS 440 Retail Management	3
	18

Minor in Fashion Styling

All minors require a total of 18 semester credit hours from another School or Department.

Required Courses	Credit Hours
CART Computer Imaging Basics	3
CFAS 210 Principles of Fashion Industry	3
CFAS 250 Visual Merchandising	3
CFAS 230 Textiles	3
CFAS 325 Wardrobe Styling and Consulting	3
CFAS 430 Trend Forecasting	3

General Education Courses for Fashion Design

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note: Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.**

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	

Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	

Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

**Plan of Study for Bachelor of Arts Degree in Fashion Merchandising Concentration
(122 Credits)**

Freshman Year - 1st Semester	Freshman Year - 2nd Semester
CART 101 Art Foundations I	Art Foundations II
CENG 105 College Composition I (AREA D)	CENG 106 College Composition II (AREA D)
CGED 100 First-Year Seminar I	CGED 101 First-Year Seminar II
CXXX Natural Sciences Option (AREA C)	CXXX Social/Behavioral Sciences (AREA B)
CFAS 210 Principles of Fashion Industry	CFAS 220 History of Costume
CMAT 103 College Algebra or higher level (AREA C)	CART 277 Computer Imaging Basics (AREA E)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CFAS 201 Creative Fashion	CFAS 325 Wardrobe Styling and Consulting
CFAS 230 Textiles	CXXX Fashion Elective
CFAS 250 Visual Merchandising	CXXX Social/Behavioral Sciences Option (AREA B)
CSTA 101 Fundamentals of Speech (AREA D)	CXXX Humanities/Fine Arts Option (AREA A)
Free Elective*	CXXX Minor or Credential course
Junior Year 1st Semester	Junior Year - 2nd Semester
CFAS 401 Retail Mathematics	CFAS 402 Fashion Buying and Planning
CFAS 440 Retail Management	CFAS 314 Promotional Planning Strategies
CXXX Humanities/Fine Arts Option (AREA A)	CXXX Financial Literacy Option (AREA E)
CXXX Minor or Credential course	CXXX Minor or Credential course
Free Elective*	Free Elective*
Senior Year - 1st Semester	Senior Year - 2nd Semester
CFAS 430 Trend Forecasting	CFAS 420 Fashion Show Production
CFAS 480 Internship	CFAS 425 Case Studies in Fashion Marketing
CXXX Minor or Credential course 300/400 level	CXXX Minor or Credential course 300/400 level
CXXX Minor or Credential course	CFAS 490 Fashion Merchandising Seminar
Free Elective*	Free Elective*

Summary of Discipline and Cognate Courses for Fashion Design

“Major”/department courses (required):	<u>51</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>18</u> credit hours
Major/CGED “related” courses:	<u>6</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>9</u>

Total Credit Hours 122

Major Prerequisites for Merchandising

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
Additional Clarifications:	

Minor in Fashion Design

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CFAS 220 History of Costume	3
CFAS 102 Art Foundation	3
CART 277 Computer Imaging Basics	3
CFAS 240 Apparel Construction	3
CFAS 310 Flat Pattern	3
CFAS 320 Draping	3
	18

Minor in Apparel Design

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CART 201 Drawing I	3
CFAS 237 Fashion Illustration	3
CFAS 240 Apparel Construction I	3
CFAS 241 Apparel Construction II	3
CFAS 310 Flat Pattern	3
CFAS 320 Draping	3
	18

Minor in Merchandising

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CFAS 210 Principles of Fashion Industry	3
CFAS 220 History of Costume	3
CART 250 Visual Merchandising	3
CFAS 314 Promotional Planning Strategy	3
CFAS 401 Retail Mathematics	3
CFAS 440 Retail Management	3
	18

Minor in Fashion Styling

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CART Computer Imaging Basics	3
CFAS 210 Principles of Fashion Industry	3
CFAS 250 Visual Merchandising	3
CFAS 230 Textiles	3
CFAS 325 Wardrobe Styling and Consulting	3
CFAS 430 Trend Forecasting	3
	18

General Education Courses for Merchandising

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	

CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	

Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Merchandising

“Major”/department courses (required):	51 credit hours (Grade of C or higher required)
“Minor” related courses (required):	18 credit hours
Major/CGED “related” courses:	6 credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	36 credit hours
Other University Requirements:	2 credit hours (First Year Seminar 100 & 101)
General/Free Electives:	9
Total Credit Hours <u>122</u>	

Minor in Art (18 Credits)

The minor in Art provides non-majors with the opportunity to explore artistic media, techniques, and basic art concepts. The minor in Art requires eighteen (18) hours of coursework in Art and can include aspects of art appreciation, aesthetics, art history, and studio experience.

Required Courses:

- CART 101 Art Foundation I (3)
- CART 102 Art Foundations II (3)
- CART 150 Art Appreciation (3)
- CART 201 Drawing (3)
- CART XXX Art Elective (3)
- CART XXX Art Elective (3)

Minor in Fashion Design (18 Credits)

The minor in Fashion Design provides students with the opportunity to explore artistic media, techniques, and basic art concepts. The minor in Fashion Design requires eighteen (18) credit hours of coursework in Fashion Design. Coursework can include aspects of computer imaging, history of costume, construction, and studio experience.

Required Courses:

- CFAS 220 History of Costume (3)
- CFAS 102 Art Foundation II (3)
- CART 277 Computer Imaging Basics (3)
- CFAS 240 Apparel Construction I (3)
- CFAS 310 Flat Pattern (3)
- CFAS 320 Draping (3)

Minor in Fashion Merchandising (18 Credits)

The minor in Fashion Merchandising provides students with the opportunity to explore concepts and professional practices related to the retail industry. The minor in Fashion Merchandising requires eighteen (18) credit hours of coursework in Fashion Design. Coursework includes aspects of merchandising, promotions, and retail management.

Required Courses:

- CFAS 210 Principles of Fashion Industry (3)
- CFAS 220 History of Costume (3)
- CART 250 Visual Merchandising (3)
- CFAS 314 Promotional Planning Strategy (3)
- CFAS 401 Retail Mathematics (3)
- CFAS 440 Retail Management (3)

Minor in Fashion Styling (18 credit hours)

The minor in Fashion Styling is responding to the explosion of the film industry in the Atlanta metropolitan area. Styling is a critical skill set in most film and video productions. This minor will be particularly attractive to students in Mass Media Arts, Speech and Theatre Arts, Marketing, and Visual Arts.

Required Courses:

CFAS 210 Principles of Fashion Industry (3) CFAS 250 Visual Merchandising (3)

CFAS 277 Computer Imaging Basics (3)

CFAS 230 Textiles (3)

CFAS 325 Wardrobe Styling & Consulting (3) CFAS 430 Trend Forecasting (3)

Minor in Professional Fashion Apparel Design (18 credit hours)

The minor in Professional Fashion Apparel Design was developed for merchandising concentration students. Merchandising concentration students with a minor in Professional Fashion Apparel Design are able to explore more advanced apparel construction techniques. The understanding of how garments are made gives these students an edge in being able to determine the quality of garment manufacturing, a critical skill in being an effective fashion buyer.

Required Courses: (18 credit hours)

CART 201 Drawing I

CFAS 237 Fashion Illustration CFAS 240 Apparel Construction I CFAS 241 Apparel Construction II

CFAS 310 Flat Pattern

CFAS 320 Draping

Department of English and Modern Languages

English Program
Haven-Warren Hall, Room 100
Telephone: (404) 880-6733

Modern Languages Programs
Sage-Bacote Hall, Room 325
Telephone: (404) 880-8789

Dr. Georgene Bess-Montgomery
(Interim Chair)
gmontgomery@cau.edu

The mission of the Department of English and Modern Languages is to prepare students in English composition and creative writing, various genres of literature, critical analysis, and research to transform and enrich diverse learners intellectually, culturally, and professionally. Additionally, the mission of the Department of English and Modern Languages is to prepare and expose language majors and non-majors to the languages and cultures of different societies and to achieve functional proficiency and communicative competence in the target language—Spanish and French—through immersion and varied enrichment experiences. The vision of the Department of English and Modern Languages is two-fold: to be a collaborative center of innovative teaching, learning, and research that will enhance students' ability to engage globally in a variety of professions through enriched programs and curricula and to develop a multilingual community of learners, which affords students the opportunity to perfect their language skills for global communication and awareness, understand curricular content and innovations, and international experiences that connect them to a larger world.

The Department of English and Modern Languages offers courses that satisfy the University's core requirements in English, Spanish, French, and the Humanities and prepares students for the Bachelor of Arts Degree in English, Spanish, and French. The Department of English and Modern Languages also offers a Minor in Creative Writing. In addition, the Department sponsors extracurricular activities and organizations that enhance the cultural and academic climate of Clark Atlanta University and the Atlanta community. Foremost among them is the Annual Writers Workshop Conference. The English and Modern Languages Department sponsors the Charles Waddell Chesnutt Association (an affiliate of the American Literature Association and of the College Language Association). The Department of English and Modern Languages also sponsors the Alpha Beta Beta chapter of the Sigma Tau Delta International English Honor Society as well as an active English Club. The Creative Writing program publishes the CAU Review, a journal of students' fiction, poetry, and creative nonfiction. The Department of English and Modern Languages maintains several professional affiliations and memberships, including the Modern Language Association (MLA), the College Language Association (CLA), and the American Association of Teachers of French (AATF).

Programs of Study

1. Bachelor of Arts Degree in English, (122 Credits)
2. Bachelor of Arts Degree in Spanish (122 Credits)
3. Bachelor of Arts Degree in French (122 Credits)
4. Minor in English (21 Credits), French, or Spanish (18 Credits)
5. Minor in Creative Writing (18 Credits)

Bachelor of Arts Degree in English (122 Credits)

Program Description

The Bachelor of Arts in English Program offers undergraduate students a varied and rich curriculum with a multicultural approach to teaching literature to include Asian, Africana, Caribbean, and Native American literatures. Students take survey and specialty courses in linguistics and in English, American,

and African-American literatures including a variety of colloquia, such as the one on Asian-American literature and are required to take two years of one foreign language, write a senior thesis and pass an English comprehensive examination. The enriched curricular courses prepare students to further their education in graduate and professional schools and to assume careers in public and private sectors, teaching and administration.

Student Learning Outcomes

Graduates of the English Program will be able to:

1. Describe literary masterpieces of English, American, and multi-ethnic/cultural literature.
2. Discuss literatures of diverse cultures, such as African, African American, Asian, Caribbean, Native American, and European.
3. Analyze and place in historical, political, and social context a broad range of literature.
4. Write bibliographic essays, annotation on critical works, and short analyses of literary works under study utilizing skills in grammar, diction, spelling, syntax, and logic to development thesis-directed essays.
5. Write a researched literary analysis in MLA format on topics relating to subjects on American, English, and/or multi-ethnic/cultural works that incorporates critical research and literary theory.

Admissions Requirements

Applicants to the Bachelor of Arts Degree in English must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in English must meet the following requirements:

1. Complete twelve (12) credits in one foreign language or six (6) credits each in two languages.
2. Write a Senior Essay
3. Pass a Comprehensive Examination in English

Required Courses in English: 42 Credits

CENG 201 Introduction to World Literature I (for English Majors) (3)
CENG 202 Introduction to World Literature II (for English Majors) (3)
CENG 210 Literary Forms (3)
CENG 231 Sophomore Seminar (2)
CENG 311 Advanced Grammar and Composition (3)
CENG 313 Survey of Major British Writers I (3)
CENG 314 Survey of Major British Writers II (3)
CENG 315 Survey of Major United States Writers I (3)
CENG 316 Survey of Major United States Writers II (3)
CENG 409 Shakespeare (3)
CENG 418 History of the English Language (3)
CENG 459 African American Literature I (3)
CENG 460 African American Literature II (3)
CENG 331 Junior Seminar (2)
CENG 431 Senior Seminar (2)

English Electives: 12 Credits

CENG 320 Renaissance Literature (3)
CENG 321 The Romantic Period (3)
CENG 322 The Victorian Period (3)
CENG 417 Methods of Teaching English in the Secondary Schools (3)

CENG 419 Linguistics (3)
CENG 461 Modern Literature
CENG 463 Medieval English Literature
CENG 318 Colloquium (3)
CENG 350 Technical Writing (3)
CENG 357 Folk Literature (3)
CENG 358 Southern Fiction (3)
CENG 397 Independent Study and Research (3)
CENG 413 Autobiography and Biography (3)
CENG 367 James Baldwin (3)
CENG 340 Introduction to Fiction Writing (3)
CENG 341 Introduction to Poetry Writing (3)
CENG 342 Introduction to Drama Writing (3)
CENG 412 Fiction Writing Workshop (3)
CENG 414 Drama Writing Workshop (3)
CENG 415 Creative Nonfiction Workshop (3)
CENG 466 Restoration and Eighteenth-Century Literature (3)

Note: Students may take additional courses in any of the above for their free electives should they choose.

General Education Courses: 36 Credits

AREA A: Humanities/Fine Arts (9 credits)

CHUM 228: The Early Period (3)
CHUM 230: The Modern Period (3)
CPHI 105: Critical Thinking (3)
CPHI 221: Intro to Phil (3)
CPHI 241: Phil of Religion (3)
CREL 101: Biblical Heritage (3)
CREL 103/104: African American Religious Experience (3)
CREL 250: Comparative Religions (3)
CHIS 201: US, Africa and the World I to 1500 (3)
CHIS 202: US, Africa and the World II, from 1500 to present (3)
CHIS 211: History of the United States to 1865 (3)
CHIS 212: History of the United States since 1865 (3)
CMUS 119: World Music (3)
CART 150: Art Appreciation (3)
CMUS 120: Music Appreciation (3)
CSTA 252: Theater Appreciation (3)

AREA B: Social/Behavioral Sciences (9 credits)

CPSY 211: General Psychology (03)
CPSY 218: Human Growth and Development (03)
CSCJ 201: Introduction to Criminal Justice (3)
CSCJ 215: Introduction to Sociology (3)
CSCJ 218: Contemporary Social Problems (3)
CSCJ 216: Introduction to Anthropology (3)
CPSC 219: American Govt. & Politics (3)

AREA C: Natural Science/Mathematics/Statistics (6 credits)

CBIO 101: Biological Science (3)
CMAT 104: Finite Mathematics (3)

CMAT 105: Pre-Calculus I
CMAT 106: Pre-Calculus II
CPHY 102: Physical Science (3)

AREA D: Communications (9 credits)

CSTA 101: Fundamentals of Speech (3)
CENG 105: College Composition I—focus on grammar and writing (3)
CENG 106: College Composition II—focus on writing and research (3)
CENG 201 or CENG 202: Introduction to World Literature I or II (3)
CFLF 101: Elementary French I (3)
CFLF 102: Elementary French II (3)
CFLS 101: Elementary Spanish I (3)
CFLS 102: Elementary Spanish II (3)
CFLS 201: Intermediate Spanish I (3)
CFLS 202: Intermediate Spanish II (3)

AREA E: Financial/Technological (3 credits)

CCIS 100: Information Technology (3)
CCIS 101: Intro. Computing (3)
CBUS-101: Financial Literacy. (3)
CECO 251: Principles of Macroeconomics (3)
CECO 252: Principles of Microeconomics (3)

**Plan of Study for Bachelor of Arts Degree in English
(122 Credits)**

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
	(AREA A,B,C,D) MAKE THIS CONSISTENT THROUGHOUT	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CXXX CXXX	(AREA A,B,C,D)	3
CXXX	(AREA A,B,C,D)	3	CXXX	(AREA A,B,C,D)	3
CXXX CXXX	(AREA A,B,C,D)	3	CXXX CXXX	(AREA A,B,C,D)	3
CFLF/S 101	Modern Language I	3	CFLF/S 102	Modern Language II	3
	TOTAL	16		TOTAL	16
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CENG 201	Introduction to World Literature I (for English Majors)	3	CENG 202	Introduction to World Literature II	3
CENG 210	Literary Forms	3	CENG 231	Sophomore Seminar	2
CENG 318	Special Topics: Literary Theory and Criticism	3	CENG 314 OR CENG 409	Survey of Major British Writers II OR Shakespeare	3
CENG 313	Survey of Major British Writers I	3	CXXX	(AREA A,B,C,D)	3
CFLF/S	Modern Language 201 (Or 101)	3	CXXX	(AREA A,B,C,D)	3
	(AREA A,B,C,D)	3	CFLF/S	Modern Language 202 (Or 102)	3
	TOTAL	18		TOTAL	17
JUNIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CENG 311	Advanced Grammar and Composition	3	CENG 316	Survey of Major United States Writers II	3
CENG315	Survey of Major United States Writers	3	CENG 418	History of the English Language	3
CENG XXX	English Elective	3	CXXX 300-400 Level	Free Elective (Minor)	3
CENG XXX	ENGLISH ELECTIVE	3	CXXX 300-400 Level	Free Elective (Minor)	3
CXXX 300-400 Level	Free Elective (Minor)	3	CENG 331	Junior Seminar	2
	Total	15		TOTAL	14
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CENG 431	Senior Seminar	2	CENG460	African American Literature II	3
CENG 459	African American Literature I	3	CENG 300-400	English Elective	3
CXXX 300-400 Level	English Elective	3	CXXX 300-400 Level	Free Elective (Minor)	3
CXXX 300-400 Level	Free Elective (Minor)	3	CXXX 300-400 Level	Free Elective	3
CXXX 300-400 Level	Free Elective (Minor)	3			
	TOTAL	14		TOTAL	12

Minor in English (21 Credits)

The Minor in English is for students who wish to enhance their major program of study with an intensive study of the English language and its literature, including improvements in their critical thinking, reading, and writing skills.

Student Learning Outcomes

Graduates with a Minor in English will be able to:

1. Write effectively on a variety of professional and social settings.
2. Explain how the formal elements of language and genre shape meaning.
3. Describe the major traditions of literatures written in English including the diversity of literary and social voices within those traditions.
4. Read texts in relation to their historical and cultural contexts and relate individual texts or literary works to broader historical, cultural, philosophical, and theoretical contexts.
5. Judge the aesthetic and ethical value of literary texts and articulate the standards behind their judgments.

Required Courses: 24 Credits

CENG 210 Literary Forms (3)
CENG 313 Major British Writers I (3)
CENG 314 Major British Writers II (3) OR
CENG 409 Shakespeare (3)
CENG 315 Major United States Writers I (3) **OR**
CENG 316 Major United States Writers II (3)
CENG 418 History of the English Language (3)
CENG 460 African-American Literature (3)
CENG 311 Advanced Grammar and Composition (3)
CENG XXX Elective in English (3)

Minor in Creative Writing (18 Credits)

The Minor in Creative Writing focuses on the processes and techniques of original composition in various literary forms including fiction, drama, poetry, and creative non-fiction. The program provides students the opportunity to express themselves imaginatively in these four genres and to expand their ability to think more critically and write more effectively. The skills learned in the minor pave the way for students to enter a variety of professions.

Student Learning Outcomes

Graduates with a Minor in Creative Writing will be able to:

1. Demonstrate mastery of the writing discipline by engaging in extensive study of genre and literary analysis.
2. Demonstrate knowledge of editing and revision techniques, the world of publishing, and other career-related aspects of writing.
3. Demonstrate and employ methods of intensive revision.
4. Demonstrate an understanding of various forms of literature, including poetry, fiction, drama, and creative non-fiction.
5. Demonstrate familiarity with a variety of professional writers' styles and voices in fiction, poetry, drama, and creative non-fiction.
6. Produce original work in specific genres, culminating in the production of publishable quality work that will be submitted to literary magazines and/or used as a writing sample for admission to a MFA program.

Elective Courses: 27 Credits

CENG 340 Introduction to Fiction Writing (3) *
CENG 341 Introduction to Poetry Writing (3) *
CENG 342 Introduction to Drama Writing (3) *
CENG 343 Introduction to Creative Nonfiction Writing (3) *

CENG 412 Fiction Writing Workshop (3) **
CENG 414 Drama Workshop (3) **
CENG 415 Creative Nonfiction Workshop (3) **
CENG 416 Editing and Publishing: *The CAU Review* (3) **
CENG 420 Poetry Workshop (3) **

***CENG 340 and CENG 342 or CENG 341 and CENG 343 offered every other fall semester.**

****CENG 412, CENG 414, and CENG 416 or CENG 420, CENG 415, and CENG 416 offered every other spring semester.**

**Number of additional credit hours student will need to meet General Education Requirement:
21**

**Modern Languages Programs
Sage-Bacote Hall, Room 325
Telephone: (404) 880-8789**

Programs of Study

1. Bachelor of Arts Degree in French (122 Credits)
2. Minor in French (18 Credits)

The Department also meets the General Education Core for foreign language requirements and assists students in enrolling in one of the four levels (101, 102, 201 or 202), according to their departmental requirements, as well as level of proficiency—as determined by placement tests, administered by the department. Students who enter with superior preparation, as evidenced by scores on the placement examination, may begin their major language requirements in the freshman year.

Students may arrange for interdisciplinary majors with the approval of the department chair. Students may also arrange to travel and study in a country where the language in which they are majoring is spoken. Both semester and yearlong programs are especially recommended for students during their junior year.

Bachelor of Arts Degree in French (122 credits)

Program Description

The Bachelor of Arts Degree in French Program prepares students to be bilingual and fluent in written and conversational French and trains students for careers in foreign services, business, consulting, publishing, law enforcement, legal and medical fields, teaching French content area in grades K-12, as well as interpreting and translating for multinational organizations, various local, state, and federal agencies.

Student Learning Outcomes

Graduates of the French Program will be able to:

1. Communicate in both oral and written French with an advanced medium fluency.
2. Discuss the diverse cultures associated with French language.
3. Acquire the linguistic skills and disposition in French necessary to engage in conversations in French to provide and obtain information, express feelings and emotions, and exchange opinions on a variety of topics.
4. Read and analyze French language literary works, such as poems, short stories.
5. Identify, analyze, and discuss the issues and events that affect the French speaking community.

Admissions Requirements

Applicants must meet the General Admissions Requirements, as published in this Catalog, under the title "Enrollment Services."

Degree Requirements

The student pursuing the Bachelor of Arts Degree in French must complete the following:

1. **2 credit hours** for CGED 100 and 101 First-Year Seminars
2. **36 credit hours** to fulfill the General Education Requirements
3. **12 credit hours** of language prerequisites (CFLF 101, 102, 201, and 202 or equivalent by placement exam)
4. **45 credit hours** of upper-level courses in French (18 credit hours must be taken at CAU)
5. **18 credit hours** toward a Minor
6. **9 credit hours** of free electives
7. **2 credit hours** for CGED 100 and 101 First-Year Seminars

Required Courses: 12 Credits

CFLF 101 Elementary French I (3)

CFLF 102 Elementary French II (3)

CFLF 201 Intermediate French I (3)

CFLF 202 Intermediate French II (3) or equivalent by placement exam. The student can receive up to 6 credit hours for placing in a higher level.

Students must also complete four (4) French language courses from the following:

Choose at least one course from each of the following three categories:

Category I: Language

CFLF 331 French Pronunciation and Phonetics (3)

CFLF 332 French Conversation (3)

CFLF 341 Advanced French Grammar and Composition I (3)

CFLF 342 Advanced French Grammar and Composition II (3)

CFLF 451 Composition and translation (3)

Category II: Literature

CFLF 311 Survey of French Literature I (3)

CFLF 355 Intensive Reading in French Literature (3)

CFLF 434 Afro-French Novel (3)

Category III: Culture and History

CFLF 308 Business French (3)

CFLF 431 Civilization of Francophone Africa (3)

CFLF 447 French Civilization (3)

General Education Courses: 36 Credits

AREA A: Humanities/Fine Arts (9 credits)

CHUM 228: The Early Period (3)

CHUM 230: The Modern Period (3)

CPHI 105: Critical Thinking (3)

CPHI 221: Intro to Phil (3)

CPHI 241: Phil of Religion (3)

CREL 101: Biblical Heritage (3)
CREL 103/104: African American Religious Experience (3)
CREL 250: Comparative Religions (3)
CHIS 201: US, Africa and the World I to 1500 (3)
CHIS 202: US, Africa and the World II, from 1500 to present (3)
CHIS 211: History of the United States to 1865 (3)
CHIS 212: History of the United States since 1865 (3)
CMUS 119: World Music (3)
CART 150: Art Appreciation (3)
CMUS 120: Music Appreciation (3)
CSTA 252: Theatre Appreciation (3)

AREA B: Social/Behavioral Sciences (6 credits)

CPSY 211: General Psychology (03)
CPSY 218: Human Growth and Development (03)
CSCJ 201: Introduction to Criminal Justice (3)
CSCJ 215: Introduction to Sociology (3)
CSCJ 218: Contemporary Social Problems (3)
CSCJ 216: Introduction to Anthropology (3)
CPSC 219: American Government & Politics (3)

AREA C: Natural Science/Mathematics/Statistics (6 credits)

CBIO 101: Biological Science (3)
CMAT 104: Finite Mathematics (3)
CMAT 105: Pre-Calculus I
CMAT 106: Pre-Calculus II
CPHY 102: Physical Science (3)

AREA D: Communications (9 credits)

CSTA 101: Fundamentals of Speech (3)
CENG 105: College Composition I—focus on grammar and writing (3)
CENG 106: College Composition II—focus on writing and research (3)
CENG 201 or CENG 202: Introduction to World Literature I or II (3)
CFLF 101: Elementary French I (3)
CFLF 102: Elementary French II (3)
CFLS 101: Elementary Spanish I (3)
CFLS 102: Elementary Spanish II (3)
CFLS 201: Intermediate Spanish I (3)
CFLS 202: Intermediate Spanish II (3)

AREA E: Financial/Technological (6 credits)

CCIS 100: Information Technology (3)
CCIS 101: Introduction to Computers (3)
CBUS-101: Financial Literacy. (3)
CECO 251: Principles of Macroeconomics (3)
CECO 252: Principles of Microeconomics (3)

Plan of Study for Bachelor of Arts Degree in French (122 Credits)

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CFLF 101	Elementary French I, or Higher (AREA D)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CXXX	(Area A, B, C, D)	3
CXXX	(Area A, B, C, D)	3	CXXX	(Area A, B, C, D)	3
CXXX	(Area A, B, C, D)	3	CXXX	(Area A, B, C, D)	3
CXXX	(Area A, B, C, D)	3	CXXX	(Area A, B, C, D)	3
	TOTAL	16		TOTAL	16
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CXXX	(Area A, B, C, D)	3	CFLF 202	Intermediate French II or Higher	3
CXXX	(Area A, B, C, D)	3	CXXX	(Area A, B, C, D)	3
CXXX	(Area A, B, C, D)	3	CXXX	Free Elective	3
CFLF 201	Intermediate French I or Higher	3	CXXX	Free Elective (Minor)	3
CXXX	Free Elective (Minor)	3	CXXX	Free Elective (Minor)	3
	TOTAL	15		TOTAL	15
JUNIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
	Junior Year 1st Semester 15 hrs. Study Abroad Recommended**			Second Semester: 18 hours. Study Abroad Option Recommended**	
CFLF 331	French Pronunciation and Phonetics	3	CFLF 332	French Conversation	3
CFLF 341	Adv. French Grammar and Comp I	3	CFLF 311	Survey of French Literature I	3
CFLF 3XX	French Elective	3	CXXX	Free Elective (Minor)	3
CFLF 447	French Civilization	3	CFLF 342	Advanced French Grammar and Comp II	3
CXXX	Free Elective (Minor)	3	CXXX	Free Elective	3
	TOTAL	15		TOTAL	15
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CFLF 440	Directed Study	3	CFLF 431	Civilization of Francophone Africa	3
CFLF 3XX	French Elective	3	CFLF 480	Senior Conference in French	3
CFLF 451	Composition and Translation	3	CFLF 454	French Prose	3
CFLF 419	French Linguistics	3	CXXX	Free Elective	3
CXXX	Free Elective (Minor)	3			
	TOTAL	15		TOTAL	12

Minor in French (18 Credits)

The Minor in French is for students who wish to develop a general understanding of the French Speaking World and/or who wish to concentrate in a particular area of French language study. A graduate with a minor in French has the advantage of combining the requisite functional linguistic skills with his/her major field of study in order to enhance job prospects.

Student Learning Outcomes

Graduates with a Minor in French will be able to:

1. Communicate in both oral and written French with an intermediate medium proficiency.
2. Discuss diversity associated with French language.
3. Engage in conversations in French to exchange opinions on a variety of topics.
4. Read French-language literary works, such as poems and short stories.
5. Use idiomatic expressions to express their opinions and ideas in conversational settings.

Required Courses: 12 Credits

CFLF 101 Elementary French I (3)

CFLF 102 Elementary French II (3)

CFLF 201 Intermediate French I (3)

CFLF 202 Intermediate French II (3) or equivalent by placement exam. The student can receive up to 6 credit hours for placing in a higher level.

Students must also complete four (4) French language courses from the following:

Choose at least one course from each of the following three categories:**Category I: Language 9 credits**

CFLF 331 French Pronunciation and Phonetics (3)

CFLF 332 French Conversation (3)

CFLF 341 Advanced French Grammar and Composition I (3)

CFLF 342 Advanced French Grammar and Composition II (3)

CFLF 451 Composition and Translation (3)

Category II: Literature 9 credits

CFLF 311 Survey of French Literature I (3)

CFLF 355 Intensive Reading in French Literature (3)

CFLF 434 Afro-French Novel (3)

Category III: Culture and History 9 credits

CFLF 308 Business French (3)

CFLF 431 Civilization of Francophone Africa (3)

CFLF 447 French Civilization (3)

Language Lab

All students enrolled in elementary and intermediate language courses (French or Spanish) are required to spend a minimum of one (1) hour per week in the language laboratory. Other courses may include a laboratory component as determined by particular course offerings. The language laboratory is a computerized multimedia learning center and operates under the supervision of subject Instructor(s) to accommodate the specific needs of students from Monday through Friday.

Study Abroad Program

There are numerous study abroad opportunities available to Clark Atlanta University students since the University is a member of CIEE, CISS and the University Center of Georgia consortia. The Department encourages all its majors to study abroad, preferably during the junior year. The department recommends students to have completed the advanced grammar course(s) in his/her major prior to departure for study abroad. A student may participate in a study abroad program for a semester, a year or during the summer.

All students interested in undertaking studies in a foreign country must obtain approval from the department chair. Specific inquiry relating to country information and University guidelines should be directed to Director of Multicultural Affairs in the Student Center.

Academic Requirements for Study Abroad

1. It is expected that all students have a cumulative GPA of 2.5 or better at the time of application.
2. Students must have already declared a minor or major in French or Spanish or must be in the process of declaring.

3. Students must provide a personal essay and one letter of recommendation to support their application.
4. Students may not participate in study abroad programs if the student is on academic probation, has a financial hold on the student's account, or does not meet the program provider's qualifications in terms GPA requirement, language proficiency, class standing and prerequisites.
5. The maximum number of credit hours that can be taken abroad is 15 credit hours for a semester-long program and 30 credit hours for a year-long program.

Courses that can be substituted and taken abroad are as follows:

French Courses:

- CFLF 307 or 308, Business French (3)
- CFLF 311 Survey of French Literature I (3)
- CFLF 312 Survey of French Literature II (3)
- CFLF 331 French Pronunciation and Phonetics (3)
- CFLF 332 French Conversation (3)
- CFLF 419 French Linguistics (3)
- CFLF 431 Civilization of Francophone Africa (3)
- CFLF 434 Afro-French Novel (3)
- CFLF 447 French Civilization I (3)
- CFLF 448 French Civilization II (3)
- CFLF 451 Composition and Translation (3)

Spanish Courses:

- CFLS 303 Pronunciation and Phonetics (3)
- CFLS 304 Spanish Conversation (3)
- CFLS 307 Business Spanish I (3)
- CFLS 325 Survey of Peninsular Literature I (3)
- CFLS 327 Survey of Latin American Literature I (3)
- CFLS 415 Survey of Peninsular Civilization (3)
- CFLS 416 Survey of Latin American Civilization (3)
- CFLS 419 Spanish Linguistics (3)

Plan of Study for Bachelor of Arts Degree in Spanish (122 Credits)

FRESHMAN YEAR					
FALL SEMESTER		CR	SPRING SEMESTER		CR
CFLS 101	Elementary Spanish I, or Higher (AREA D)	3	CFLS 102	Elementary Spanish II, or Higher (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CENG 106	College Composition II (AREA D)	3
CGED 100	First-Year Seminar I	1	CGED 101	First-Year Seminar II	1
CXXX	(Area A, B, C, D, E)	3	CXXX	(Area A, B, C, D, E)	3
CXXX	(Area A, B, C, D, E)	3	CXXX	(Area A, B, C, D, E)	3
CXXX	(Area A, B, C, D, E)	3	CXXX	(Area A, B, C, D, E)	3
TOTAL		16	TOTAL		16
SOPHOMORE YEAR					
FALL SEMESTER		CR	SPRING SEMESTER		CR
CFLS 201	Intermediate Spanish II or Higher	3	CFLS 202	Intermediate Spanish II or Higher	3
CXXX	(Area A, B, C, D, E)	3	CXXX	(Area A, B, C, D, E)	3
CXXX	(Area A, B, C, D, E)	3	CXXX	(Area A, B, C, D, E)	3
CXXX	(Minor)	3	CXXX	(Minor)	3
CXXX	Free Elective	3	CXXX	(Minor)	3
TOTAL		15	TOTAL		15
JUNIOR YEAR					
FALL SEMESTER		CR	SPRING SEMESTER		CR
Junior Year 1st Semester 15 hrs. Study Abroad Recommended**			Second Semester: 18 hours. Study Abroad Option Recommended**		
CFLS 304	Spanish Conversation	3	CFLS 307	Business Spanish	3
CFLS 315	Latin American Civilization	3	CFLS 327	Latin American Literature	3
CFLS 351	Composition and Translation	3	CFLS 391	Adv. Spanish Grammar & Composition	3
CXXX	(Minor)	3	CXXX	(Minor)	3
CXXX	(Minor)	3	CXXX	(Minor)	3
TOTAL		15	TOTAL		15
SENIOR YEAR					
FALL SEMESTER		CR	SPRING SEMESTER		CR
CFLS 415	Survey of Peninsular Civilization	3	CFLS 461	Explicación de textos	3
CFLS XXX	Spanish Elective	3	CFLS 480	Senior Conference in Spanish	3
CFLS XXX	Spanish Elective	3	CXXX	(Minor)	3
CXXX	Free Elective	3	CXXX	Free Elective	3
CXXX	Free Elective	3	CXXX	Free Elective	3
TOTAL		15	TOTAL		15

Minor in Spanish (18 Credits)

The Minor in Spanish is for students who wish to develop their general understanding of the Spanish-Speaking World, and/or who wish to concentrate in a particular area of Spanish language study. A graduate with a minor in Spanish has the advantage of combining the requisite functional linguistic skills with his/her major field of study in order to enhance job prospects. 12 credit hours must be taken at CAU.

Student Learning Outcomes

Graduates with a Minor in Spanish will be able to:

1. Communicate in both oral and written Spanish with an intermediate medium proficiency.
2. Discuss diversity associated with the Spanish language.
3. Engage in conversations in Spanish to exchange opinions on a variety of topics.
4. Read Spanish language literary works, such as poems and short stories.
5. Use idiomatic expressions to express their opinions and ideas in conversational settings.

Required Courses:

CFLS 101, Elementary Spanish I (3)
 CFLS 102 Elementary Spanish II (3) (Prerequisite CFLS 101)
 CFLS 201 Intermediate Spanish I (3) (Prerequisite CFLS 102)
 CFLS 202 Intermediate Spanish II (3) (Prerequisite CFLS 201) **or equivalent by placement exam.**

All students who are required to take language classes must take the placement exam. Based on the results of that test, the student will be positioned in any of the aforementioned classes or in an upper-division class and start from that point. The 100-level classes are prerequisites for admittance to 200-level courses. The minor in Spanish consists of 18 credit hours after taking and passing CFLS 202. The student must show proficiency (through the placement exam) or take the prerequisites for 100-level classes. The 3 or 6 100-level credits may count as electives toward graduation. A student can receive up to 6 retroactive credit hours for placing above 202, after having taken and passed the first Spanish 300-level class.

Students must also complete any **four (4) courses** of 300-level or above from the following:

Category I: Language

- CFLS 303 Spanish Pronunciation and Phonetics (3)
- CFLS 304 Spanish Conversation (3)
- CFLS 351 Composition and Translation I (3)
- CFLS 391 Advanced Spanish Grammar and Composition I (3)

Category II: Literature

- CFLS 325 Survey of Peninsular Literature I (3)
- CFLS 327 Survey of Latin American Literature I (3)
- CFLS 447 Afro-Hispanic Literature I (3)
- CFLS 461 Explicación de Textos (3)

Category III: Culture & History

- CFLS 307 Business Spanish (3)
- CFLS 415 Survey of Peninsular Civilization (3)
- CFLS 416 Survey of Latin American Civilization (3)

Bachelor of Arts Degree in Spanish (122 Credits)

Program Description

The Bachelor of Arts Degree in Spanish Program prepares students to be bilingual and fluent in written and conversational Spanish and trains students for careers in foreign services, business, consulting, publishing, law enforcement, legal and medical fields, teaching Spanish content area in grades K-12, with Study Abroad experience and further training, students could get involved in fields such as interpreting and translating for multinational organizations, various local, state, and federal agencies.

Student Learning Outcomes

Graduates of the Spanish Program will be able to:

1. Communicate in both oral and written Spanish with an advanced medium fluency.
2. Discuss the diverse cultures associated with Spanish language.
3. Acquire the linguistic skills and disposition in Spanish necessary to engage in conversations in Spanish to provide and obtain information, express feelings, and emotions, and exchange opinions on a variety of topics.
4. Read and analyze Spanish-language literary works, such as poems, short stories.
5. Identify, analyze and discuss the issues and events that affect the Spanish speaking community.
6. Identify, analyze and discuss the contributions of the Spanish-speaking world in the domains of literature, the arts, and science.

Admissions Requirements

Applicants must meet the General Admissions Requirements, as published in this Catalog, under the title "Enrollment Services."

Degree Requirements

The student pursuing the Bachelor of Arts in Spanish must take the following:

- 1. 2 credit hours** of CGED 100 and 101 First-Year Seminars
- 2. 36 credit hours** of General Education Courses:

General Education Courses: 36 Credits

AREA A: Humanities/Fine Arts (9 credits)

CHUM 228: The Early Period (3)
CHUM 230: The Modern Period (3)
CPHI 105: Critical Thinking (3)
CPHI 221: Intro to Phil (3)
CPHI 241: Phil of Religion (3)
CREL 101: Biblical Heritage (3)
CREL 103/104: African American Religious Experience (3)
CREL 250: Comparative Religions (3)
CHIS 201: US, Africa and the World I to 1500 (3)
CHIS 202: US, Africa and the World II, from 1500 to present (3)
CHIS 211: History of the United States to 1865 (3)
CHIS 212: History of the United States since 1865 (3)
CMUS 119: World Music (3)
CART 150: Art Appreciation (3)
CMUS 120: Music Appreciation (3)
CSTA 252: Theatre Appreciation (3)

AREA B: Social/Behavioral Sciences (6 credits)

CPSY 211: General Psychology (3)
CPSY 218: Human Growth and Development (03)
CSCJ 201: Introduction to Criminal Justice (3)
CSCJ 215: Introduction to Sociology (3)
CSCJ 218: Contemporary Social Problems (3)
CSCJ 216: Introduction to Anthropology (3)
CPSC 219: American Government & Politics (3)

AREA C: Natural Science/Mathematics/Statistics (6 credits)

CBIO 101: Biological Science (3)
CMAT 104: Finite Mathematics (3)
CMAT 105: Pre-Calculus I
CMAT 106: Pre-Calculus II
CPHY 102: Physical Science (3)

AREA D: Communications (9 credits)

CSTA 101: Fundamentals of Speech (3)
CENG 105: College Composition I—focus on grammar and writing (3)
CENG 106: College Composition II—focus on writing and research (3)
CENG 201 or CENG 202: Introduction to World Literature I or II (3)
CFLF 101: Elementary French I (3)
CFLF 102: Elementary French II (3)

CFLS 101: Elementary Spanish I (3)
CFLS 102: Elementary Spanish II (3)
CFLS 201: Intermediate Spanish I (3)
CFLS 202: Intermediate Spanish II (3)

AREA E: Financial/Technological (6 credits)

CCIS 100: Information Technology (3)
CCIS 101: Introduction to Computers (3)
CBUS 101: Financial Literacy (3)
CECO 251: Principles of Macroeconomics (3)
CECO 252: Principles of Microeconomics (3)

3. **12 credit hours** of language prerequisites (CFLS 101, 102, 201, and 202 or equivalent by placement exam) Students can use the credits of the skipped classes toward a minor, electives, or stackable credentials.
4. **33 credit hours** of upper-level courses in Spanish (18 credit hours must be taken at CAU)
5. **21 credit hours** toward a Minor
6. **18 credit hours** of free electives

Department of African-American Studies, Africana Women's Studies, and History
McPheeters-Dennis Hall, Suite 250
Telephone: (404) 880-8239

Dr. Eric Duke
Interim Chair
eduke@cau.edu

The mission of the Department of African-American Studies, Africana Women's Studies, and History is to prepare students in the major and in other disciplines with historical knowledge of human experience, past events and the understanding of global issues, diverse cultures, and our shared humanity.

The vision of the Department of African-American Studies, Africana Women's Studies, and History is to serve as an innovative center of historical study for students to acquire knowledge of past events of the human experience, to respect and value cultural diversity, and to demonstrate scholarly achievement through assessment of social, political, and economic issues of significance throughout the world.

The Department of African-American Studies, Africana Women's Studies, and History serves as a center for historical study to train historians and to enhance the historical knowledge of undergraduate and graduate students in other disciplines by fostering an environment to examine the significance of past events on the human experience. The Department teaches students to think critically, to make sound judgment, and to develop strong oral and written communication skills. The Department offers a strong curriculum for history majors and also meets the requirements for general education and honors courses. The Department collaborates with other departments and schools within the University and is a key component of the African American Studies and Africana Women's Studies degree programs. The Department also sponsors a chapter of Phi Alpha Theta, the International History Honor Society.

Programs of Study

1. Bachelor of Arts Degree in History (122 Credits)
2. Minor in History (18 Credits)

Bachelor of Arts Degree in History (122 Credits)

Program Description

The Bachelor of Arts in History Degree Program prepares students with a solid liberal arts foundation in the study of history for professional opportunities in diverse career fields such as law, historian and archives management, education, government, and industry. The curriculum focuses on understanding global issues and appreciating the diversity of cultures and our shared humanity. Classroom instruction is complemented by internships, study abroad opportunities, and research projects that utilize the University's rich African American archives and special collections.

Student Learning Outcomes

Graduates of the History Program will be able to:

1. Reference knowledge of the varying perspectives of cultures of the past, particularly with attention to a local, regional, national, and global geographic scope.
2. Use timelines and other tools that present historical data and develop a familiarity with historical maps, charts, visual, literary, oral and creative texts as useful historical sources. Develop sound technical skills of identifying source types and citation style to produce an academically-sound research paper.

3. Recognize in historical narratives the context of the historians' values, goals and predispositions; evaluate data based on its context, credibility, authority, and bias.
4. Discuss the contributions of major scholars within historical schools in U.S., African, African American, and Civil Rights Movement history to synthesize source and apply information.
5. Evaluate the intersectional aspects of history, particularly the various types of history (i.e. topical, geographic, and temporal).

Admissions Requirements

Applicants must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in History must complete the following courses:

Required Courses: 42 Credits

- CHIS 201 U.S., Africa, and the World History I (3)
- CHIS 202 U.S., Africa, and the World History II (3)
- CHIS 211 U.S. History to 1865 (3)
- CHIS 212 U.S. History since 1865 (3)
- CHIS 319 African-American History to 1877 (3)
- CHIS 320 African-American History since 1877 (3)
- CHIS 350 History of Africa to 1800 (3)
- CHIS 351 History of Africa since 1800 (3)
- CHIS 403 Historical Methods (3)
- CHIS 404 Early Modern Europe (3)
- CHIS 405 Modern Europe since 1815 (3)
- CHIS 490 Senior Seminar (3)
- CHIS 4XX Courses in Applied History Research I and II (3 each)

Cognate Courses: 9 Credits

- CAAS 301 Introduction to African American Studies (3)
- CAWS 489 Introduction to Africana Women's Studies (3)
- CHIS, CAAS, or CAWS Elective (3)* must be at the 300 level or higher

Electives: 9 Credits

Students choose 3 courses.

- CHIS 317 Civil War and Reconstruction (3)
- CHIS 355 United States in the Twentieth Century-Women (3)
- CHIS 360 American Social and Intellectual History (3)
- CHIS 422 History of Georgia (3)
- CHIS 433 History of Urban America (3)
- CHIS 450 The Jim Crow South (3)
- CHIS 491: Special Topics in Contemporary History (3)

General Education Courses: 33 Credits

AREA A: Humanities/ Fine Arts: 9 credits

- CPhi 105 Critical Thinking (3) or
- CHUM 230 The Modern Period (3), and
- CREL 103 African American Religious Experience I (3), or
- CREL 250 Comparative Religions (3), and

CSTA 252 Theatre Appreciation (3), or
CMUS 120 Music Appreciation (3) or
CART 150 Art Appreciation (3)

AREA B: Social/ Behavioral Sciences: 6 Credits

Students choose 2 courses.

CPSY 211 General Psychology (3)
CSCJ 215 Introduction to Sociology (3)
CPSC 219 American Government & Politics (3)

AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits

CBIO 101 Biological Science (3), or
CPHY 102 Physical Science (3), and
CMAT 104 Finite Mathematics (3), or
CMAT 105 Pre-Calculus I (3), or
CMAT 106 Pre-Calculus II (3)

AREA D: Communications: 9 credits

CSTA 101 Fundamentals of Speech (3)
CENG 105-College Composition I (3)
CENG 106-College Composition II (3)

AREA E: Financial/ Technological: 3 Credits

CCIS 100 Information Technology (3), or
CBUS 250 Personal Finance (3), or
CCIS 101 Introduction to Computers (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

*** Minor or Stackable Electives: 18 credits**

***Free Electives: 9 Credits**

*** Note: Free electives should be chosen in consultation with an advisor and will depend on the student's area of interest, minor, and stackable credit options.**

**Plan of Study for the Bachelor of Arts Degree in History
(122 Credits)**

Freshman Year – 1st Semester	Freshman Year - 2nd Semester
Area A: CPHI 105 Critical Thinking <u>or</u> CHUM 230 The Modern Period	Area A: CREL 103 African American Religious Experience <u>or</u> CREL 250 Comparative Religions
Area B: CPSY 211 General Psychology <u>or</u> CSCJ 215 Introduction to Sociology <u>or</u> CPSC 219 American Govt & Politics	Area A: CSTA 252 Theatre Appreciation <u>or</u> CMUS 120 Music Appreciation <u>or</u> CART 150 Art Appreciation
Area D: CENG 105 College Composition I (required)	Area C: CMAT 104 Finite Mathematics <u>or</u> CMAT 105 Pre-Calculus I <u>or</u> CMAT 106 Pre-Calculus II
Area D: CSTA 101 Fundamentals of Speech (required)	Area D: CENG 106 College Composition II (required)
CHIS 201 USA, Africa, & the World (required)	CHIS 202 USA, Africa, & the World (required)
CGED 100 First Year Seminar I (required)	CGED 101 First Year Seminar I (required)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
Area B: CPSY 211 General Psychology <u>or</u> CSCJ 215 Introduction to Sociology <u>or</u> CPSC 219 American Govt & Politics	Area E: CCIS 100 Information Technology <u>or</u> CCIS 101 Introduction to Computing <u>or</u> CBUS 250 Personal Finance
Area C: CBIO 101 Biological Science <u>or</u> CPHY 102 Physical Science	CHIS 212 US History since 1865 (required)
CHIS 211 US History to 1865 (required)	CHIS 320 African American History since 1877 (required)
CHIS 319 African American History to 1877 (required)	Minor or Stackable Elective
Minor or Stackable Elective	Free Elective
Junior Year 1st Semester	Junior Year - 2nd Semester
CHIS 350 History of Africa to 1800 (required)	CHIS 351 History of Africa since 1800 (required)
CHIS 403 Historical Methods (required)	CHIS 450 Jim Crow South (required)
CHIS 3xx/4xx History Elective	CHIS 3xx/4xx History Elective
Minor or Stackable Elective	CXXX Cognate Course Requirement
Free Elective	Minor or Stackable Elective
Senior Year - 1st Semester	Senior Year - 2nd Semester
CHIS 404 History of Europe 1500-1815 (required)	CHIS 490 Senior Seminar (required)
CHIS 3xx/4xx History Elective	CHIS 405 History of Europe since 1815 (required)
CXXX Cognate Course Requirement	CHIS 3xx/4xx History Elective
Minor or Stackable Elective	CXXX Cognate Course Requirement
Free Elective	Minor or Stackable Elective

Minor in History (B.A.)

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CHIS 201 <u>or</u> CHIS 202	3
CHIS 211 <u>or</u> CHIS 212	3
CHIS 319 <u>or</u> CHIS 320	3
CHIS 350 <u>or</u> CHIS 351	3
CHIS 400-level course	3
CHIS 400-level course	3
Total Credit Hours	18
Additional Clarifications:	
<p>For 12 of the 18 minor hours, students take one of two courses in the USA, Africa, and the World surveys; the US History surveys; the African American History surveys; and African History surveys</p>	

General Education Courses for History (B.A.)

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	REQ
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	REQ
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	REQ
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	REQ
HUMANITIES		
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	

PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input checked="" type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input checked="" type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	

CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input checked="" type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	

CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for History (B.A.)

“Major”/department courses (required):	<u>60</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>18</u> credit hours
Major/CGED “related” courses:	<u>0</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>33</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>2</u>
Total Credit Hours <u>122</u>	

Minor in History (18 Credits)

The Minor in History is for students with any University major and requires eighteen (18) credit hours of coursework in History.

Required Courses: 12 Credits

CHIS 201 *or* CHIS 202 USA, Africa, and the World (3)

CHIS 211 *or* CHIS 212 U.S. History (3)

CHIS 319 *or* CHIS 320 African American History (3)

CHIS 350 *or* CHIS 351 African History (3)

History Electives: 6 Credits

Students must take two 400-level History classes to complete the minor.

These class credits must total 18 hours in the field of study.

Department of Music
Park Street Music and Art Complex
793 Park Street, S.W.
Telephone: (404) 880-8211

Dr. J. Roberts Adams
(Interim Chair)
jadams@cau.edu

The mission for the Department of Music is to provide the highest quality for Liberal Arts training for students with the primary objective of developing highest artistic expression in the areas of performance and creativity. We also strive to prepare students through a highly developed musical study of Popular, World, Western, and African-American/African Diaspora music.

We have a vision of the department of music as a training center for music professionals seeking opportunities to serve as music educators, performers, composers, producers and other music professions, nationally and internationally. The program of study by the department of music at Clark University is designed to prepare the student of music both for various careers in music and for post-baccalaureate study.

The vision of the Department of Music is to become a training center for music professionals seeking opportunities to serve as music educators, performers, commercial composers and producers nationally and internationally. The program of study by the department of music at Clark Atlanta University is designed to prepare the student of music both for various careers in music and for post-baccalaureate study.

The music major's professional preparation includes a judicious mixture of the following: music theory; music history and literature; individual music performance; performance in ensembles; and special skills that include basic piano, conducting, practical applications of and exposure to technology, and/or methodologies, skill sets, and in-depth knowledge relevant to the various concentrations. Additional opportunities for participation in our performing Ensembles are also available to the general student population. Large ensembles include The Philharmonic Society (concert choir), Concert and Marching Bands, Jazz Orchestra, Opera Workshop and The Atlanta University Center-wide Orchestra. Smaller non-credit performing ensembles are organized through the department's Performance Seminar courses. Membership in the ensembles is by audition.

The Bachelor of Arts in Music is a Liberal Arts Degree that offers great flexibility. The degree enables the student to forge a program of study tailored to his/her interest and aspirations. Further expanding these options, the department offers concentrations in the areas of vocal studies; piano studies; jazz studies; commercial composition/Music Production, and church music. The music program is designed to prepare well rounded professionals in each of these areas through a course of study in which the theoretical and the scholarly are balanced with the practical. Students of music pursue a course of study that includes a judicious mixture of music theory, music history, individual music performance, and performance in ensembles while emphasizing practical applications and exposure to the technology and/or methodology relevant to the various concentrations. For musically talented students pursuing other disciplines, the Department also offers a minor in each concentration.

Programs of Study

1. Bachelor of Arts Degree in Music (General Studies) - 122Credits
2. Bachelor of Arts Degree in Music (with Concentrations) -123-124 Credits

Concentrations:

- Vocal Studies

- Piano Studies
 - Jazz Studies
 - Commercial Composition/Music Production
 - Church Music
3. Minor Concentrations in Music (24-25 Credits)

Program of Study

Bachelor of Arts Degree in Music (122 Credits)

Program Description

The program of study offered by the Department of Music prepares music students for various careers in music and for post-baccalaureate study. The Department offers a Bachelor of Arts Degree in Music (General Studies in Music.) The Department also offers five (5) selected concentrations in Vocal Studies, Piano Studies, Jazz Studies, Commercial Composition/Music Production, and Church Music. The music core includes theory and history sequences, special skills, applied studies, ensembles, and seminars.

The Bachelor of Arts in Music is a Liberal Arts Degree that offers great flexibility. The degree enables the student to forge a program of study tailored to his/her interest and aspirations. Further expanding these options, the department offers concentrations in the areas of vocal studies; piano studies; jazz studies; commercial composition/Music Production, and church music. Music students pursue courses of study that include a judicious mixture of music theory, music history, and individual and ensemble music performances while emphasizing practical applications and exposure to the technology and methodology relevant to the various concentrations.

The Department of Music also offers a minor in each music concentration for musically talented students pursuing other disciplines.

Program Objectives

Graduates of the Music Program will be able to:

1. Demonstrate performance skills requisite for high artistic expression.
2. Demonstrate intermediate skill level in Music Technology notation software.
3. Demonstrate knowledge about mainstream and influential composers, musicians, and artists of the Western canon and of those from the African Diaspora.
4. Demonstrate professional decorum and readiness in performance artistry (stage decorum and discourse, appropriate dress and manner, standard program presentations, resume readiness).
5. Practice appropriate wellness strategies used for proper maintenance of the body as it relates to the performer (relaxation techniques, standard practice exercises and basic knowledge of the physiological impact of adequate rest and fitness).

Student Learning Outcomes

Students majoring in music will be able to demonstrate:

1. Four specialized skill levels and/or cognates in their concentrations (*See music concentrations below*).
2. Essential competencies with scores of 80 percent or above on the Music Department Exit Exam.

Graduates with a **Concentration in Vocal Studies** will be able to:

1. Demonstrate a high quality of vocal performance competencies including appropriate breadth of technique; proficiency in diction (English, Italian, French and German) using the International Phonetic Alphabet system; and scope of repertoire.

2. Demonstrate a basic knowledge of pedagogical methods and materials appropriate for applied studio teaching.

CLARK ATLANTA UNIVERSITY 194

3. Demonstrate knowledge of operatic literature; English, French, German and Italian Art Song literature; and Art Song literature from the canon of African American composers.
4. Engage in collaborative artistic performances on the musical stage (operatic scenes, musicals, and small ensembles).

Graduates with a **Concentration in Piano Studies** will be able to:

1. Demonstrate a high level of piano performance competencies including quality performance of appropriate repertoire from the Baroque, Classical, Romantic, Impressionistic, and 20th century; successful memorization; stage presence/decorum; and well-developed technique.
2. Demonstrate basic knowledge of pedagogical methods, philosophies and materials appropriate for independent piano studio teaching.
3. Demonstrate knowledge about the breadth of repertoire for the piano - from both the standard canon and the African Diaspora, which includes the composers, performers, style traits, and discographies that have contributed to its development.
4. Identify composers and their compositions by both aural and visual recognition (score analysis).

Graduates with a **Concentration in Jazz Studies** will be able to:

1. Play and identify universal harmonic progressions in standard jazz repertoire.
2. Demonstrate a basic command of the creative improvisational process.
3. Engage in the process of performance and improvisation through collaborative performance.
4. Identify mainstream composers and artists who have contributed to the development and proliferation of jazz music in America.

Graduates with a **Concentration in Commercial Composition/Music Production** will be able to:

1. Compose, arrange, produce and record music within specific music industry guidelines.
2. Demonstrate their proficiency in basic music technology and recording using ProTools System, Logic Pro X and other Digital Audio Workstations.
3. Score for basic orchestral and vocal ensembles.
4. Demonstrate a basic command of compositional process in both prepared and contemporary formats.
5. Apply recording techniques to real world music environments.

Graduates with a **Concentration in Church Music** will be able to:

1. Identify specific historical developments of sacred music from Biblical to contemporary times.
2. Identify the major divisions of hymnody from psalmody to gospel hymnody.
3. Demonstrate knowledge of repertoire and performance practices of music found in mainstream African American Churches.
4. Demonstrate competencies in organizational and management skills in planning an effective music ministry program.

Admissions Requirements

Applicants must meet the General Admissions Requirements as published in this Catalog. In addition, all prospective students seeking to major or minor in music must satisfy departmental entrance requirements including the following:

- A letter of intent to include the applicant's anticipated entrance date;
- An interview with the department chair, the coordinator of the proposed music concentration, and/or ensemble director.
- An audition on an instrument of choice and primary strength (voice, piano, string, woodwind, brass, percussion); and
- Music theory and/or piano placement tests.

Prospective music students must successfully complete the music audition and the music theory placement test in order to matriculate in the Bachelor of Arts Degree in Music degree program or to pursue a minor in music. The audition is also necessary for music scholarship consideration. The music theory placement test is used to determine prospective students' readiness to study college-level music. Some prospective students may need to complete a preparatory course of study in music fundamentals. In order to matriculate in the Bachelor of Arts Degree in Music or the Minor Concentration in Music, students must select a concentration in Vocal Studies, Piano Studies, Jazz Studies, Commercial Composition/Music Production, or Church Music.

Membership in the University Bands, AUC Orchestra and Jazz Orchestra is available to all University students. However, participation in these ensembles is determined by audition. Membership in the University Choir is also available to all CAU students by audition. Students pursuing the Bachelor of Arts Degree in General Music Studies will be able to expand their overall educational outcomes in areas selected from the five concentrations of study. Student learning outcomes depend on the twelve (12) credits of proposed course work confirmed by the student and the student's advisor.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in Music must complete the required courses.

Required Courses: 21 Credits

Music Theory

- CMUS 105 Sight Singing and Ear Training I (3)
- CMUS 106 Sight Singing and Ear Training II (3)
- CMUS 201 Music Theory I (3)
- CMUS 202 Music Theory II (3)
- CMUS 301 Music Theory III (3)
- CMUS 302 Music Theory IV (3)
- CMUS 304 Form and Analysis (3)

Music History: 9 Credits

- CMUS 316 Music History and Literature I (3)
- CMUS 317 Music History and Literature II (3)
- CMUS 318 Jazz History (3) *or*
- CMUS 320 African American Music (3)

Special Skills: Three (3) credit hours for students concentrating in Piano Studies and seven (7) credit hours for those students in other concentrations.

- CMUS 117A Piano Class (1)
- CMUS 117B Piano Class (1)

CMUS 204 Basic Conducting (2)
CMUS 218 Music Technology I (1)
CMUS 217A Piano Class (1)
CMUS 217B Piano Class (1)

***Regardless of concentration, students majoring in piano are exempt from the four (4) credit Piano Class sequence, CMUS 117A/B and CMUS 217A/B. Hence, their Special Skills requirement is three (3) credits. These students will substitute four three (3) credits of music electives for the Piano Class sequence.**

Performance*

CMUS 100 - 400 Ensembles (8) (8 semesters)
CMUS 107 - CMUS 408R Applied Music (8) (8 semesters which may include Junior and/or Senior Recitals upon recommendation of the applied Instructor.)*
For General Education and Commercial Composition/Music Production concentrations students must complete a minimum of four consecutive semesters of Applied Lessons on a single instrument before switching his/her instrument. The level of the new instrument will be based on the student successfully passing an upper level audition or the student will need to start at the 100 level [on the new instrument].

CMUS 114A - CMUS 414B Performance Seminar (8) (8 semesters)

CMUS 115A - CMUS 415B Music Seminar (0) (8 semesters)

***With the exception of Opera Workshop, all applied music, ensembles, and performance seminars are 1 credit each. (Opera Workshop is a 2 credit hour ensemble.)**

Students will enroll in CMUS 308R and CMUS 408R for concentrations requiring a Junior Recital and a Senior Recital. Others will enroll in CMUS 308 and CMUS 408 for regular applied instruction. Students may enroll in 308 and/or 408, respectively, instead of 308R and/or 408R as may be required by the Instructor.

General Education Courses: (32) Credits

AREA A. Humanities/Fine Arts: 9 Credits

CPHI 105 Critical Thinking (3) or
CPHI 221 Intro to Philosophy (3), or
CREL 101 Biblical Heritage (3), or
CREL 211 Intro to Religious Studies (3), and
CHIS 201 U.S. Africa and World History I (3), or
CHIS 202 U.S. Africa and World History II (3), or
CHIS 211 History of the United States before 1865 (3), or
CHIS 212 History of the United States since 1865 (3) and
CART 150 Art Appreciation (3), or
CSTA 252 Theater Appreciation (3), or
CMUS 119 World Music (3)

CHUM 228 The Early Period (3)

CHUM 230 The Modern Period (3)

AREA B. SOCIAL/BEHAVIORAL SCIENCES: 3 Credits

CPSY 211 General Psychology (3), or
CPSY 385 Abnormal Psychology (3)
CPSY 301 Educational Psychology (3)
CSCJ 215 Introduction to Sociology (3), or
CSCJ 216 Introduction to Anthropology (3)
CSCJ 218 Contemporary Social Problems (3)

AREA C. NATURAL SCIENCE/MATHEMATICS/STATISTICS: 6 Credits

CMAT 103 College Algebra I (3), or
CMAT 104 College Algebra II (3), and

CBIO 101 Biology (3), or
CPHY 103 Physical Science 103 (3), or
CPHY 104 Introduction to Earth Science (3), and

AREA D. COMMUNICATION: 9 Credits

*Note: Voice Majors are required to take a Foreign Language

CENG 105 College Composition I (3), and
CENG 106 College Composition II (3), and
CMFL 101 French/Spanish (3), or
CSTA 101 Fundamentals of Speech (3), or
CENG 201 World Literature I (3) or
CENG 202 World Literature II (3)

AREA E. FINANCIAL/TECHNOLOGICAL: 3 Credits

CCIS 100 Information Technology (3), or
CCIS 101 Intro to Computing (3), or
CCIS 104 Bus Program (3)

Other University Requirements: 2 Credits

Seminar I

Seminar II

Music Concentration Required Courses:

Within the five (5) concentrations, the following are required courses beginning in the junior year of study:

Vocal Studies Concentration: 14 Credits

CMUS 340 Vocal Diction I (1)
CMUS 342 Vocal Diction II (1)
CMUS 440 Vocal Pedagogy (3)
CMUS 308R Junior Recital (1)
CMUS 344 Opera Workshop I (2)
CMUS 345 Opera Workshop II (2)
CMUS 442 Vocal Literature (3)
CMUS 408R Senior Recital (1)

Piano Studies Concentration*: 14-17 Credits

CMUS 308 Applied Piano or CMUS 308R, Junior Recital (1)**
CMUS 330 Piano Repertoire (3)
CMUS 331 Piano Music from the African Diaspora (3)
CMUS 430 Piano Pedagogy I (3)
CMUS 431 Piano Pedagogy II (3)
CMUS 408R Senior Recital (1)

***The Piano Studies Concentration requires a 3 credit hour elective in lieu of the Piano Class Sequence (four (4) credits: CMUS 117 A and B and CMUS 217 A and B).**

****The Junior Recital is contingent upon recommendation of the instructor.**

Recommended Music Concentration Electives *:13 Credits

CMUS 107 - 408 Applied Music (In another Concentration) (1)
CMUS 318 Jazz History (3)
CMUS 320 African American Music (3)
CMUS 351 Song Writing, Arranging and Recording (3)
or CMUS 403 Orchestration and Arranging (3)

***Students should meet with their academic advisors for additional options.**

Jazz Studies Concentration: 14 Credits

CMUS 305A Jazz Theory and Improvisation I (3)
CMUS 305B Jazz Theory and Improvisation II (3)
CMUS 308R Junior Recital (1) *

CMUS 318 Jazz History (3)
CMUS 405 Jazz Composition and Arranging (3)
CMUS 408R Senior Recital (1)
or CMUS 417 Senior Project (1) *
***Applied credit category**
Commercial Composition/Music Production Concentration:
CMUS 308R Junior Recital (1) *
CMUS 351 Songwriting, Arranging and Recording (3), or
CMUS 327 Music Business Seminar (1) and
CMUS 350 Music Production I (2)
CMUS 403 Orchestration (3)
CMUS 450 Recording Internship (3) CMUS 451, Senior Composition Project (3), or
CMUS 417 Senior Project (1) **

***Performance**

****Composition presentation**

*****The Commercial Composition/Music Production Concentration allows students who are not interested in the Songwriting component to take three electives that may be used as substitutes for CMUS 351, Songwriting, Arranging and Recording, and CMUS 451, Senior Composition Project.**

*****Recommended electives for students interested in the “Production and Recording” aspect to Commercial Composition/Music Production:**

CMUS 327 Music Business Seminar (1) and
CMUS 350 Music Production I (2)

Shall be used as a substitute for

CMUS 351 Songwriting, Arranging and Recording (3)

CMUS 460 Recording Studio Tech (3) **shall be used as a substitute for**
CMUS 451 Senior Composition Project (3)

Church Music Concentration: 15 Credits

CMUS 308R Junior Recital (1)
CMUS 370 Introduction to Church Music (3)
CMUS 372 Hymnody (3)
CMUS 417 Senior Project (1)
CMUS 470 Music in the African American Church (3)
CMUS 472 Church Music Methods (3)
CMUS 472C Church Music Methods Internship (1) *

***CMUS 472 is a Co-requisite for CMUS 472C.**

Plan of Study for Bachelor of Arts Degree in General Music Studies (122 Credits)

Freshman Year					
	Fall	Cr		Spring Semester	Cr
CCIS 100 or CCIS 101 or CCIS 10	Information Technology and Computer Applications or Intro to Computing or Business Computing (AREA E)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar I	1
CGED 100	First-Year Seminar I	1	CART 150 or CSTA 252 or CMUS 119	Art Appreciation Theatre Appreciation or World Music (AREA A)	3
CMAT XXX	(AREA C)	3	CMUS 105	Sight Singing and Ear Training	3
			CMUS 108	Applied XXX	1
CMUS 107	Applied XXX	1			
CMUS 110A or CMUS 111C or CMUS 112A or CMUS 113A	100 Level Ensemble	1	CMUS 110B or CMUS 111D or CMUS 112B or CMUS 113B	100 Level Ensemble	1
CMUS 114A	Performance Seminar	1	CMUS 114B	Performance Seminar	1
CMUS 115A	Music Seminar	0	CMUS 115B	Music Seminar	0
CHIS 201 or 202 or 211	History Requirement (AREA A)	3	CMUS 201	Music Theory	3
	TOTAL	16		TOTAL	16
SOPHOMORE					
	Fall	Cr		Spring Semester	Cr
CBIO 101 CBIO 101 or CPHY 102	Biological Science or Physical Science (AREA C)	3	CXXX	(AREA A)	3
CSTA 101 CENG 201 or CENG 202 or CFLF 101	Fundamentals of Speech or Introduction to World Literature I or Introduction to World Literature II or Foreign Language French/Spanish (AREA D)	3	CXXX	(AREA B)	3
CMUS 106	Sight singing and Ear Training	3	CMUS 204	Basic Conducting	2
CMUS 117B	Piano Class	1	CMUS 208	Applied XXX	1
CMUS 202	Music Theory II	3	CMUS 210B or CMUS 211D or CMUS 212B or CMUS 213B	200 Level Ensemble	1
CMUS 207	Applied XXX	1	CMUS 214B	Performance Seminar	1
CMUS 210A or CMUS 211C or CMUS 212A or CMUS 213A	200 Level Ensemble	1	CMUS 215B	Music Seminar	0
CMUS 214A	Performance Seminar	1	CMUS 217A	Piano Class	1
CMUS 215A	Music Seminar	0	CMUS 218A	Music Technology	1
CMUS XXX	Music Elective	2	CMUS 301	Music Theory III	3
	TOTAL	18		TOTAL	16
JUNIOR					
	Fall	Cr		Spring Semester	Cr
CPSY 211 or CSCJ 215	Gen Psychology or Intro to Sociology or Introduction to Anthropology (AREA B)	3			
CMUS 217B	Piano Class	1			
CMUS 302	Music Theory IV	3	CMUS 304	Form and Analysis	3

CMUS 307	Applied XXX	1	CMUS 308R	Junior Recital	1
CMUS 310A or CMUS 311C or CMUS 312A or CMUS 313A	300 Level Ensemble	1	CMUS 310B or CMUS 311D or CMUS 312B or CMUS 313B	300 Level Ensemble	1
CMUS 314A	Performance Seminar	1	CMUS 314B	Performance Seminar	1
CMUS 315A	Music Seminar	0	CMUS 315B	Music Seminar	0
CMUS 316	Music History and Literature I	3	CMUS 317	Music History and Literature II	3
CMUS 370 or CMUS 351, or CMUS 327 and CMUS 350A, or CMUS 305A I, or CMUS 330, or CMUS 340 and CMUS 344, or CMUS 480	Intro to Church Music, or Songwriting Arranging and Recording, or Music Business Seminar and Music Production I, or Jazz Theory and Improvisation I, or Piano Repertoire, or Vocal Diction I and Opera Workshop I, Independent Study	3	CMUS 370 or CMUS 350B or CMUS 403, or CMUS 305B or, CMUS 331, or CMUS 342 and CMUS 345, or CMUS 480	Introduction to Church Music, or Music Production II or Orchestration, or Jazz Theory and Improvisation II, or Piano Music from the African Diaspora, or Diction II and Opera Workshop II, Independent Study	3
			CMUS 320 or CMUS 318	African American Music or Jaz History	3
			CMUS XXX	Music Elective	1
	TOTAL	16		TOTAL	16
Senior Year					
	Fall	Cr		Spring Semester	Cr
				Free Elective	2
	Free Elective	3	CXXX	Free Elective	3
CMUS 470 or CMUS 450, or CMUS 430, CMUS 480	Music African American Church, or Recording Internship, or Piano Pedagogy I, Independent Study	3	CMUS 408 or CMUS 408R	Applied XXX or Senior Recital	1
CMUS 407	Applied XXX	1	CMUS 410B or CMUS 411D or CMUS 412B or CMUS 413B	400 Level Ensemble	1
CMUS 410A or CMUS 411C or CMUS 412A or CMUS 413A	400 Level Ensemble	1	CMUS 414B	Performance Seminar	1
CMUS 414A	Performance Seminar	1	CMUS 415B	Music Seminar	1
CMUS 415A	Music Seminar	0	CMUS 472, or CMUS 405, or CMUS 431, CMUS 480	Church Music Methods, or CMUS 451, Senior Composition Project, or Jazz Composition and Arranging, or Piano Pedagogy II, Independent Study	3
CMUS 320	African American Music	3			
	TOTAL	12		TOTAL	12
*CMUS 101 is a preparatory non-degree credit course and is NOT part of the degree requirement. Required only for students who does not past the Theory Diagnostic Test.					

**Plan of Study for Bachelor of Arts Degree in Music with
Vocal Studies Concentration
(122Degree Credits)**

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 100 or CCIS 101 or CCIS 104	Information Technology and Computer Applications or Intro Computing or Bus Program (AREA E)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar I	1
CGED 100	First-Year Seminar I (AREA C)	1	CXXX	(AREA A)	3
CMAT XXX		3	CMUS105	Sight Singing and Ear Training I	3
CMUS 101*			CMUS 108	Applied Voice	1
CMUS 107	Applied Voice	1	CMUS 111b	University Choir	1
CMUS 111A	University Choir	1	CMUS 114B	Performance Seminar	1
CMUS 114A	Performance Seminar	1	CMUS 115B	Music Seminar	0
CMUS 115A	Music Seminar	0	CMUS 117A	Piano Class	1
CPHI 105 or CPHI 221 or CREL 101 or CREL 211or211 or 212	Critical Thinking or Intro Philosophy or Biblical Heritage or Intro to Religious Studies (AREA A)	3	CMUS 201	Music Theory I	3
	TOTAL	16		TOTAL	17
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO 101 or CPHY 102	Biological Science or Physical Science (AREA C)	3	CART 150 or CSTA 252 or CMUS 119	Art Appreciation or Theatre Appreciation or World Music (AREA A)	3
CFLF or CFLS	Foreign Language (AREA D)	3	CPSY 211 or CSCJ 215 or CSCJ 216	Gen Psych or Intro to Sociology or Introduction to Anthropology (AREA B)	3
CMUS 106	Sight singing and Ear Training II	3	CMUS 204	Basic Conducting	2
CMUS 117B	Piano Class	1	CMUS 208	Applied Voice	1
CMUS 202	Theory I	3	CMUS 211B	University Choir	1
CMUS 207	Applied Voice	1	CMUS 214B	Performance Seminar	1
CMUS 211A	University Choir	1	CMUS 215B	Music Seminar	0
CMUS 214A	Performance Seminar	1	CMUS 217A	Piano Cass	1
CMUS 215A	Music Seminar	0	CMUS 218	Music Technology	1
CMUS 340	Vocal Diction	1	CMUS 301	Theory III	3
			CMUS 342	Vocal Diction II	1
	TOTAL	17		TOTAL	17
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
	Free elective	3		Free elective	2
CMUS 217B	Piano Class	1	CMUS 304	Form and Analysis	3
CMUS 302	Music Theory IV	3	CMUS 308R	Junior Recital	1
CMUS 307	Applied Voice	1	CMUS 311B	University Choir	1
CMUS 311A	University Choir	1	CMUS 314B	Performance Seminar	1
CMUS 314A	Performance Seminar	1	CMUS 315B	Music Seminar	0

CMUS 315A	Music Seminar	0	CMUS 317	Music History and Literature II	3
CMUS 316	Music History and Literature I	3	CMUS 345	Opera Workshop II	2
CMUS 344	Opera Workshop I	2	CMUS 320 or CMUS 318	African American Music or Jaz History	3
	TOTAL	15		TOTAL	16
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
	Free Elective	3		Free Elective	3
	Elective	3		Elective	3
CMUS 407	Applied Voice	1	CMUS 408R	Senior Recital	1
CMUS 411A	University Choir	1	CMUS 411B	University Choir	1
CMUS 414A	Performance Seminar	1	CMUS 414B	Performance Seminar	1
CMUS 415A	Music Seminar	0	CMUS 415B	Music Seminar	0
CMUS 440	Vocal Pedagogy	3	CMUS 442	Vocal Literature	3
	TOTAL	12		TOTAL	12
*CMUS 101 is a preparatory non-degree credit course and is NOT part of the degree requirement. Required only for students who does not past the Theory Diagnostic Test.					

Plan of Study for Bachelor of Arts Degree in Music with Piano Studies Concentration (122Credits)

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 100 or CCIS 101 or CCIS 104	Information Technology and Computer Applications or Intro Computing or Bus Program (AREA E)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CBIO 101 or CPHY 102	Biological or Physical Science (AREA C)	3
CMAT XXX	Algebra I or Algebra II (AREA C)	3	CMUS 105	Sight Singing and Ear Training I	3
CMUS 101*			CMUS 108	Applied Piano	1
CMUS 107	Applied Piano	1	CMUS 110B or CMUS 111D or CMUS 112B or CMUS 113B	100 Level Ensemble	1
CMUS 110A or CMUS 111B/C or CMUS 112A or CMUS 113A	100 Level Ensemble	1	CMUS 114B	Performance Seminar	1
CMUS 114A	Performance Seminar	1	CMUS 115B	Music Seminar	0
CMUS 115A	Music Seminar	0	CMUS 201	Music Theory I	3
CPSY 211 or CSCJ 216 or CSCJ 215	Gen Psychology, or Intro to Sociology, or Introduction to Anthropology (AREA B)	3			
	TOTAL	16		TOTAL	16
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CXXX	(AREA A)	3	CXXX	(AREA A)	3
CXXX	(AREA D)	3	CXXX	(AREA A)	3
CMUS 106	Sight Singing and Ear Training II	3	CMUS 204	Basic Conducting	2
CMUS 202	Music Theory II	3	CMUS 210B or CMUS 211D or CMUS 212B or CMUS 213B	200 Level Ensemble	1
CMUS 207	Applied Piano	1	CMUS 208	Applied Piano	1

CMUS 210A or CMUS 211B/C or CMUS 212A or CMUS 213A	200 Level Ensemble	1	CMUS 214B	Performance Seminar	1
CMUS 214A	Performance Seminar	1	CMUS 215B	Music Seminar	0
CMUS 215A	Music Seminar	0	CMUS 218	Music Technology	1
	Music Elective	1	CMUS 301	Theory III	3
	TOTAL	16		TOTAL	15
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
	Free Elective	3	CMUS 304	Form and Analysis	3
CMUS 302	Music Theory IV	3	CMUS 308R	Junior Recital	1
CMUS 307	Applied Piano	1	CMUS 310B or CMUS 311B/D or CMUS 312B or CMUS 313B		1
CMUS 310A or CMUS 311A/C or CMUS 312A or CMUS 313A	300 Level Ensemble	1	CMUS 314B	Performance Seminar	1
CMUS 314A	Performance Seminar	1	CMUS 315B	Music Seminar	0
CMUS 315A	Music Seminar	0	CMUS 317	Music History and Literature II	3
CMUS 316	Music History and Literature I	3	CMUS 331	Piano Music from the African Diaspora	3
CMUS 330	Piano Repertoire	3	CMUS 403 or CMUS XXX	Orchestration or Music Elective	3
			CMUS 318 OR320	Jazz History or African American Music	3
	TOTAL	15		TOTAL	18
Senior Year					
	Free Elective	2			
				Free Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3	CMUS 408R	Senior Recital	1
CMUS 407	Applied Piano	1			
CMUS 410A or CMUS 411A/C or CMUS 412A or CMUS 413A	400 Level Ensemble	1	CMUS 410A or CMUS 411B/C or CMUS 412A or CMUS 413A	400 Level Ensemble	1
CMUS 414A	Performance Seminar	1	CMUS 414B	Performance Seminar	1
CMUS 415A	Music Seminar	0	CMUS 415B	Music Seminar	0
CMUS 430	Piano Pedagogy I	3	CMUS 432	Piano Pedagogy II	3
	TOTAL	14		TOTAL	12
*CMUS 101 is a preparatory non-degree credit course and is NOT part of the degree requirement. Required only for students who does not past the Theory Diagnostic Test.					
+Students may enroll in any appropriate ensemble (Jazz, Band, or Orchestra)					

Plan of Study for Bachelor of Arts Degree in Music with Jazz Studies Concentration (122Credits)

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 100 or CCIS 101 or CCIS 104	Information Technology and Computer Applications or Intro Computing or Bus Program (AREA)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CXXX	(AREA C)	3
CMAT XXX	(AREA C)	3	CMUS 105	Sight Singing and Ear Training I	3
			CMUS 108	Applied XXX	1
CMUS 107+	Applied XXX	1	CMUS 113B	Jazz Orchestra	1

CMUS 113A	Jazz Orchestra	1	CMUS 114B	Performance Seminar	1
CMUS 114A	Performance Seminar	1	CMUS 115B	Music Seminar	0
CMUS 115A	Music Seminar	0	CMUS 117A	Piano Class	1
CPHI 105 or CPHI 221 or CREL 101 or CREL 211	Critical Thinking or Intro Philosophy or Biblical Heritage or Intro to Religious Studies (AREA A)	3	CMUS 201	Music Theory I	3
	TOTAL	16		TOTAL	17
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CHIS 201 or 202 or 211 or 211 or 212	History Requirement (AREA A)	3	CART 150 or CSTA 252 or CMUS 119	Art Appreciation or Theatre Appreciation or World Music (AREA A)	3
CSTA 101 or CENG 201 or 202 CFLF 101	Fundamentals of Speech or Introduction to World Literature I or Introduction to World Literature II Foreign Language (AREA D)	3	CPSY 211 or CSCJ 216 or CSCJ 215	Gen Psychology, or Intro to Sociology, or Introduction to Anthropology (AREA B)	3
CMUS 106	Sight Singing and Ear Training	3	CMUS 204	Basic Conducting	2
CMUS 202	Theory II	3	CMUS 208	Applied XXX	1
CMUS 207+	Applied XXX	1	CMUS 213B	Jazz Orchestra	1
CMUS 213A	Jazz Orchestra	1	CMUS 214B	Performance Seminar	1
CMUS 214A	Performance Seminar	1	CMUS 215B	Music Seminar	0
CMUS 215A	Music Seminar	0	CMUS 217A	Piano Class	1
CMUS 117B	Piano Class	1	CMUS 218	Music Technology	1
			CMUS 301	Theory III	3
	TOTAL	16		TOTAL	16
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
	Free Elective	2			
CMUS 217B	Piano Class	1	CMUS 403	Orchestration	3
CMUS 302	Music Theory IV	3	CMUS 304	Form and Analysis	3
CMUS 305A	Jazz Theory and Improvisation I	3	CMUS 305B	Jazz Theory and Improvisation II	3
CMUS 307+	Applied Voice	1	CMUS 308R or CMUS 308	Junior Recital or Applied Study	1
CMUS 313A	Jazz Orchestra	1	CMUS 313B	Jazz Orchestra	1
CMUS 314A	Performance Seminar	1	CMUS 314B	Performance Seminar	1
CMUS 315A	Music Seminar	0	CMUS 315B	Music Seminar	0
CMUS 316	Music History I	3	CMUS 317	Music History II	3
			CMUS 320 or CMUS 318	African American Music or Jaz History	3
	TOTAL	15		TOTAL	18
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
	Free Elective	3			
	Free Elective	3		Free Elective	3
	Free Elective	3			
			CMUS 405	Jazz Composition and Arranging	3
CMUS 407+	Applied	1	CMUS 408R	Senior Recital	1
CMUS 413A	Jazz Orchestra	1	CMUS 413B	Jazz Orchestra	1
CMUS 414A	Performance Seminar	1	CMUS 414B	Performance Seminar	1
CMUS 415A	Music Seminar	0	CMUS 415B	Music Seminar	0
			CXXX	Free Elective	3

	TOTAL	12		TOTAL	12
*CMUS 101 is a preparatory non-degree credit course and is NOT part of the degree requirement. Required only for students who does not past the Theory Diagnostic Test. +Applied study can be voice, piano, brass, strings, or percussion.					

**Plan of Study for Bachelor of Arts Degree in Music
with Commercial Composition Concentration
(122 Credits)**

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 100 or CCIS 101 or CCIS 104	Information Technology and Computer Applications or Intro Computing, or Bus Program (AREA E)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar II (AREA C)	1
CGED 100	First-Year Seminar I (AREA C)	1	CXXX		3
CMAT XXX		3	CMUS 105	Sight Singing and Ear Training I	3
			CMUS 108	Applied XXX	1
CMUS 107**	Applied XXX	1	CMUS 110B or CMUS 111D or CMUS 112B or CMUS 113B	100 Level Ensemble	1
CMUS 110A or CMUS 111A/C or CMUS 112A or CMUS 113A	100 Level Ensemble	1	CMUS 114B	Performance Seminar	1
CMUS 114A	Performance Seminar	1	CMUS 115B	Music Seminar	0
CMUS 115A	Music Seminar	0	CMUS 117A	Class Piano	1
CHIS 201 or 202 or 211 or 211 or 212	History Requirement (AREA A)	3	CMUS 201	Music Theory I	3
	TOTAL	16		TOTAL	17
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CPhi 105 or CPhi 221 or CREL 101 CREL 211	Critical Thinking or Intro Philosophy or Biblical Heritage or Intro to Religious Studies (AREA A)	3	CART 150 or CSTA 252 or CMUS 119	Art Appreciation Theatre Appreciation or World Music (AREA A)	3
CSTA 101 CENG 201 or CENG 202 or CFLF 101	Fundamentals of Speech or Introduction to World Literature I or Introduction to World Literature II or Foreign Language French/Spanish (AREA D)	3	CPSY 211 or CSCJ 215 or CSCJ 216	Gen Psychology or Intro to Sociology or Introduction to Anthropology (AREA B)	3
CMUS 106	Sight Singing and Ear Training II	3	CMUS 204	Basic Conducting	2
CMUS 117BPiano Class		1	CMUS 208	Applied XXX	1
CMUS 202	Theory II	3	CMUS 210B or CMUS 211B/D or CMUS 212B or CMUS 213B	200 Level Ensemble	1
CMUS 207	Applied XXX	1	CMUS 214B	Performance Seminar	1
CMUS 210A or CMUS 211A/C or CMUS 212A or CMUS 213A	200 Level Ensemble	1	CMUS 215B	Music Seminar	0
CMUS 214A	Performance Seminar	1	CMUS 217A	Piano Class	1
CMUS 215A	Music Seminar	0	CMUS 218A	Music Technology I	1

			CMUS 301	Theory III	3
	TOTAL	16		TOTAL	16
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
CMUS 217B	Piano Class	1	CMUS 320	African American Music	3
CMUS 302	Music Theory IV	3	CMUS 304	Form and Analysis	3
CMUS 307	Applied XXX	1	CMUS 308R	Junior Recital (Optional) or Applied XXX	1
CMUS 310A or CMUS 311C or CMUS 312A or CMUS 313A	300 Level Ensemble	1	CMUS 310B or CMUS 311D or CMUS 312B or CMUS 313B	300 Level Ensemble	1
CMUS 314A	Performance Seminar	1	CMUS 314B	Performance Seminar	1
CMUS 315A	Music Seminar	0	CMUS 315B	Music Seminar	0
CMUS 316	Music History and Literature I	3	CMUS 317	Music History and Literature II	3
CMUS 351	Songwriting, Arranging and Recording or	3	CMUS 403	Orchestration	3
CMUS 327	Music Business Seminar and	1	CMUS 350B	Music Production II	3
CMUS 350A	Music Production I	2			
CMUS 218B	Music Technology II	1			
	TOTAL	14		TOTAL	18
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
CXXX	Free Elective	3			
CXXX	Free Elective	3		Free Elective	3
			CXXX	Free Elective	3
CMUS 407	Applied XXX	1	CMUS 410B or CMUS 411D or CMUS 412B or CMUS 413B	400 level Ensemble	1
CMUS 410A or CMUS 411A/C or CMUS 412A or CMUS 413A	400 Level Ensemble	1	CMUS 414B	Performance Seminar	1
CMUS 414A	Performance Seminar	1	CMUS 415B	Music Seminar	0
CMUS 415A	Music Seminar	0	CMUS 451	Senior Composition Project	3
CMUS 450	Recording Studio Internship	3	CMUS 408	Applied XXX	1
CMUS XXX	Music Elective	1			
	TOTAL	13		TOTAL	12
<p>*CMUS 101 is a preparatory non-degree credit course and is NOT part of the degree requirement. Required only for students who does not past the Theory Diagnostic Test.</p> <p>**Commercial Composition Majors may study an Applied of their choosing; based on their Audition. If they study applied piano, they are exempt from The Class Piano Sequence (117A –217B) and will need 4 Credits in electives.</p>					

Plan of Study for Bachelor of Arts Degree in Music with Church Music Concentration (122 Credits)

Freshman					
	Fall	Semester		Spring Semester	Cr
CCIS 100 or CCIS 101 or CCIS 104	Information Technology and Computer Applications or Intro Computing, or Bus Program (AREA E)	3	CENG 106	College Composition II (AREA D)	3
CENG 105	College Composition I (AREA D)	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CXXX	(AREA C)	3

CMAT XXX	(AREA C)	3	CMUS 105	Sight Singing and Ear Training I	3
			CMUS108	Applied XXX	1
CMUS 107+	Applied XXX	1	CMUS 110B or CMUS 111D or CMUS 112B or CMUS 113B	100 Level Ensemble	1
CMUS 110A or CMUS 111A/C or CMUS 112A or CMUS 113A	100 Level Ensemble	1	CMUS 114B	Performance Seminar	1
CMUS 114A	Performance Seminar	1	CMUS 115B	Music Seminar	0
CMUS 115A	Music Seminar	0	CMUS 117A	Piano Class	1
CHS 201 or 202 or 211	History Requirement (AREA A)	3	CMUS 201	Music Theory	3
	TOTAL	16		TOTAL	17
Sophomore					
	Fall	Semester		Spring Semester	Cr
CPHI 105 or CPHI 221 or CREL 101CREL 211	Religion/Philosophy Requirement Critical Thinking or Intro Philosophy or Biblical Heritage or Intro to Religious Studies (AREA A)	3	CART 150 or CSTA 252 or CMUS 119	Art Appreciation Theatre Appreciation or World Music (AREA A)	3
CSTA 101 CENG 201 or CENG 202 or CFLF 101	Fundamentals of Speech or Introduction to World Literature I or Introduction to World Literature II or Foreign Language French/Spanish (AREA D)	3	CPSY 211 or CSCJ 215 or CSCJ 216	Gen Psychology or Intro to Sociology or Introduction to Anthropology (AREA B)	3
CMUS 106	Sight Singing and Ear Training II	3	CMUS 204	Basic Conducting	2
CMUS 117B	Piano Class	1	CMUS 208	Applied XXX	1
CMUS 202	Music Theory II	3	CMUS 210B or CMUS 211B/D or CMUS 212B or CMUS 213B	200 Level Ensemble	1
CMUS 207	Applied XXX	1	CMUS 214B	Performance Seminar	1
CMUS 210A or CMUS 211A/C or CMUS 212A or CMUS 213A	200 Level Ensemble	1	CMUS 215B	Music Seminar	0
CMUS 214A	Performance Seminar	1	CMUS 217A	Piano Class	1
CMUS 215A	Music Seminar	0	CMUS 218A	Music Technology I	1
			CMUS 301	Music Theory II	3
	TOTAL	16		TOTAL	16
Junior Year					
	Fall	Semester		Spring Semester	Cr
				Free Elective	3
CMUS 217B	Piano Class	1			
CMUS 302	Music Theory IV	3	CMUS 304	Form and Analysis	3
CMUS 307	Applied XXX	1	CMUS 308R	Junior Recital or 308 XXX	1
CMUS 310A or CMUS 311C or CMUS 312A or CMUS 313A	300 Level Ensemble	1	CMUS 310B or CMUS 311D or CMUS 312B or CMUS 313B	300 Level Ensemble	1
CMUS 314A	Performance Seminar	1	CMUS 314B	Performance Seminar	1
CMUS 315A	Music Seminar	0	CMUS 315B	Music Seminar	0
CMUS 316	Music History and Literature I	3	CMUS 317	Music History I	3
CMUS 370	Intro to Church Music	3	CMUS 372	Hymnody	3
			CMUS 320	African American	3

				Music	
	TOTAL	13		TOTAL	18
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
	Free Elective	3		Free Elective	1
	Free Elective	3		Free Elective	3
CMUS 407 Applied XXX		1	CMUS 410B or CMUS 411D or CMUS 412B or CMUS 413B	400 level Ensemble	1
CMUS 410A or CMUS 411A/C or CMUS 412A or CMUS 413A	400 Level Ensemble	1	CMUS 414B	Performance Seminar	1
CMUS 414A	Performance Seminar	1	CMUS 415B	Music Seminar	0
CMUS 415A	Music Seminar	0	CMUS 417	Senior Project	1
CMUS 470	Music in the African American Church	3	CMUS 472	Church Music Methods	3
CMUS XXX	Music Elective	1	CMUS 472C	Church Music Methods Internship	2
			CMUS 408	Applied XXX	1
	TOTAL	13		TOTAL	13
<p>*CMUS 101 is a preparatory non-degree credit course and is NOT part of the degree requirement. Required only for students who does not past the Theory Diagnostic Test. +Any applied study. ++Any ensemble (Jazz Orchestra, Band, AUC Orchestra).</p>					

Minors in Music (23 - 24 Credits)

The Minor Concentration in Music is primarily for students who have interest and proficiency in music but choose to major in other disciplines. The minor in Music requires 23-24 credit hours of Music coursework. The key objective of the minor is to introduce students to university-level understanding of the cultural, historical, theoretical, analytical, and performance perspectives of music across a variety of musical disciplines. Students complete six (6) credit hours in the selected concentration and twelve (12) hours in history, theory, applied, and special skills. In some areas of study, a junior recital or senior project is optional depending on the recommendation of the music advisor.

Students pursuing a Minor in Music should select CMUS 120 Music Appreciation as their core Humanities requirement.

Required Courses: 24 -25* Credits

CMUS 100 level A and B of Performance Seminar **or** Ensemble (2) 2 semesters
CMUS 105 Elementary Sight Singing and Ear Training (3)

CMUS 107 – 208 Applied Music (4)

CMUS 115A – 115B Music Seminar (0) 2 semesters

CMUS 117A- 117B Piano Class **or** CMUS 107/108 [by approval] (2) CMUS 201 Music Theory I (3)

CMUS 316 or 317 Music History (3)

CMUS 308R Junior Recital (optional on approval of applied instructor) (1) CMUS Concentration Coursework (6)

*CMUS 218 Music Technology (1) (only required of students who choose coursework from the Commercial Composition Concentration)

Note: Music minors are encouraged to take World Music CMUS 119 for the Humanities core requirement.

Minor in General Music Study

Student Learning Outcomes

Students pursuing a Minor in General Music Study will be able to:

1. Understand the cultural, historical, theoretical performance perspectives of music across a variety of musical disciplines up to an intermediate level.
2. Possess a general understanding of musical periods, composers, repertoire, and significant musical developments within each historical era.

Minor in Vocal Studies

Student Learning Outcomes

Students pursuing a Minor in Vocal Studies will be able to:

1. Demonstrate a high quality of vocal performance competencies including appropriate breadth of technique; proficiency in diction (English, Italian, French and German) using the International Phonetic Alphabet system; and scope of repertoire.
2. Demonstrate knowledge of operatic literature; English, French, German and Italian Art Song literature; and Art Song literature from the canon of African American composers.

Minor in Piano Studies

Student Learning Outcomes

Students pursuing a Minor in Piano Studies will be able to:

1. Demonstrate a high level of piano performance competencies including quality performance of appropriate repertoire from the Baroque, Classical, Romantic, Impressionistic, and 20th century; successful memorization.
2. Demonstrate knowledge about the breadth of repertoire for the piano- from both the standard canon and the African Diaspora,

Minor Concentration in Jazz Studies

Student Learning Outcomes

Students pursuing a Minor in Jazz Studies will be able to:

1. Play and identify universal harmonic progressions in standard jazz repertoire.
2. Identify mainstream composers and artists who have contributed to the development and proliferation of jazz music in America.

Minor in Commercial Composition

Student Learning Outcomes

Students pursuing a Minor in Commercial Composition will be able to:

1. Compose and arrange music within specific music industry guidelines.
2. Demonstrate proficiency in basic music technology and recording using ProTools System (music notation software and virtual instruments)

Minor Concentration in Church Music

Student Learning Outcomes

Students pursuing a Minor in Church Music will be able to:

1. Identify specific historical developments of sacred music from Biblical to contemporary times.
2. Identify the major divisions of hymnody from psalmody to gospel hymnody.

Department of Religion and Philosophy
McPheeters-Dennis Hall, Suite 240
Telephone: (404) 880-6043

Dr. Philip Dunston
Chair
pdunston@cau.edu

The mission of the Department of Religion and Philosophy is to prepare students with the understanding and competency to apply major theoretical and practical concepts in the fields of religion and philosophy including perspectives for moral, ethical, and character education while facilitating relationships with United Methodist organizations, campus ministries and alumni, and seeking new knowledge for solving challenges confronting a diverse global community.

The vision of the Department of Religion and Philosophy is to be a nationally recognized theoretical, practical, and empirically research-based interdisciplinary character education program, serving to expand the University's foundational role for religious, spiritual and ethical instruction.

The Department of Religion and Philosophy offers students of every discipline a wide range of opportunities through its contributions to the General Education Core curriculum and service courses for other programs. The Department acquaints students with a variety of religious traditions and philosophical perspectives by offering courses emphasizing critical, comparative, ethical, historical, and interdisciplinary inquiries.

The Department of Religion and Philosophy offers a Bachelor of Arts Degree in Religion and a Bachelor of Arts Degree Philosophy for students interested in pursuing careers in church-related or faith-based nonprofit organizations and other community development agencies. These programs also prepare students intending to enter graduate or professional programs of study in law, religion, philosophy or pre-seminary studies for traditional church ministries.

The Department is committed to keeping abreast with current practices and projected trends in higher education. To fulfill its purpose, the Department is committed to the use of technology and innovative teaching methods. The department utilizes interactive teaching tools in order to present clear and precise discussions of issues. This pedagogy helps to reinforce student participation and gives students a method for thinking through relevant issues. Being consistent with university objectives, Religion and Philosophy courses are designed to help students improve their writing and critical thinking skills, and to master the subject matter of the particular course.

The C. Eric Lincoln Lectureship

The Department of Religion and Philosophy, under the auspices of the School of Arts and Sciences, sponsors the prestigious C. Eric Lincoln Lectureship Series. This lectureship series has emerged as one of the most celebrated intellectual forums on the Clark Atlanta University campus. The lectureship was founded by a cadre of Dr. Lincoln's former students who were inspired and motivated by him during his tenure at Clark College (now Clark Atlanta University). Prior to Dr. Lincoln's death, the lectureship was cited in the U.S. Congressional Record as the oldest continuing lecture series honoring a living black scholar. For more than twenty-eight years, the C. Eric Lincoln Lectureship Series has exposed the university community to exemplary scholars and professionals who have excelled in their respective careers.

Programs of Study

1. Bachelor of Arts in Religion (122 Credits)
2. Minor in Religion (18 Credits)

Bachelor of Arts Degree in Religion (122 Credits)

Program Description

The Bachelor of Arts Degree in Religion is for students intending to pursue graduate study in religion or philosophy. The program acquaints students with a variety of religious traditions and philosophical perspectives by offering courses emphasizing critical, comparative, ethical, historical, and interdisciplinary inquiries while focusing primarily on the Judeo-Christian tradition, particularly the African-American aspect.

Student Learning Outcomes

Graduates of the Religion Program will be able to:

1. Utilize biblical research tools and relative methodological approaches (historical, sociological, psychological, and textual), to critically analyze religious beliefs and practices.
2. Articulate the value of religious communities and traditions from a historical and global perspective.
3. Analyze the influence of religion on politics, law, medicine, culture, and social issues.
4. Discuss the diversity of religious and philosophical perspectives, beliefs, and practices and how religion impacts global cultures and societies.
5. Identify historical structures and terms of biblical construct.

Admissions Requirements

Applicants interested in matriculating in the Bachelor of Arts Degree in Religion program must meet all the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog students pursuing the Bachelor of Arts Degree in Religion must complete the following plan of study.

Required Courses: 39 Credits

- CREL 101 Biblical Heritage (3)
- CREL 103 African-American Religious Experiences I (3)
- CREL 211 Introduction to Religious Studies (3)
- CREL 241 American Religious Experience (3)
- CREL 351 History of Christian Thought (3)
- CREL 361 Culture and Religion (3)
- CREL 362 Psychology of Religion (3)
- CREL 375 Religion and the Media (3)
- CREL 401 Off Campus Study in Religion (3)
- CREL 435 Contemporary Religious Thought (3)
- CREL 451 Special Topics in Religion (3)
- CREL 482 Independent Study (3)
- CREL 484 Internship in Religion (3)

Cognate Courses: 15 Credits

- CPHI 105 Critical Thinking (3)
- CPHI 221 Introduction to Philosophy (3)
- CPHI 231 Ethics and Human Values (3)
- CPHI 241 Philosophy of Religion (3)
- CPHI 262 Science, Technology and Human Values (3)

Required General Education Courses: 36 credits

Area A: Humanities and Fine Arts (6)

- CMUS 120 Music Appreciation (3)
- CHIS 202 Africa and the World (3)
- CART 150: Art Appreciation (3)

CSTA 252: Theatre Appreciation (3)
CMUS 119: World Music (3)
CHIS 201: US, Africa and the World I to 1500 (3)
CHIS 202: US, Africa and the World II, from 1500 to present (3)
CHIS 211: History of the United States to 1865 (3)
CHIS 212: History of the United States since 1865 (3)
CHUM 228: The Early Period (3)
CHUM 230: The Modern Period (3)

Area B: Social/Behavioral Sciences (6)

CPSY 211 General Psychology
CPSY 218: Human Growth and Development (03)
CSCJ 201: Introduction to Criminal Justice (3)
CSCJ 215: Introduction to Sociology (3)
CSCJ 218: Contemporary Social Problems (3)
CSCJ 216: Introduction to Anthropology (3)
CPSC 219: American Government & Politics (3)

Area C: Natural Science/Mathematics/Statistics (6)

CBIO 101 General Biology (3)
CMAT 104 Finite Mathematics (3)
CPHY 102: Physical Science (3)

Area D: Communication (9)

CSTA 101 Fundamental of Speech (3)
CENG 105 College Composition (3)
CENG 106 College Composition (3)
CENG 201 or CENG 202: Introduction to World Literature I or II (3)
CFLF 101: Elementary French I (3)
CFLF 102: Elementary French II (3)
CFLS 101: Elementary Spanish I (3)
CFLS 102: Elementary Spanish II (3)
CFLS 201: Intermediate Spanish I (3)
CFLS 202: Intermediate Spanish II (3)

Area E: Financial/Technological (9)

CCIS 100 Information Technology (3)
CCIS 101 Introduction to Computing (3)
CECO 107 Introduction to Economics (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

*** Minor or Stackable credentials: 18 credits**

***Free Electives: 12 Credits**

*** Note: Minor and Free electives should be chosen in consultation with an advisor and will depend on the student's area of interest, minor, and stackable credit options.**

Plan of Study for Bachelor of Arts Degree in Religion (122 hours)

Freshman Year – 1 st Semester	Freshman Year - 2 nd Semester
CGED 100 First-Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
CCIS 100 Info. Tech. and Computer Applications (E)	CBIO 101 General Biology (C)
CMAT 104 Finite Mathematics (C)	CMUS 120 Music Appreciation (A)
CPHI 105 Critical Thinking	CREL 101 Biblical Heritage/ Survey Bible
Free Elective/Minor	Free Elective/Minor
Sophomore Year 1 st Semester	Sophomore Year - 2 nd Semester
CSCJ 215 Introduction to Sociology (B)	CSTA 100 Fundamentals of Speech (D)
CREL 103 African America Religious Experience	CECO 107 Intro. to Economics (E)
CHIS 202 U.S. Africa and the World (A)	CCIS 101 Intro. to Computing (E)
CREL 211 Intro. to Religious Studies	CPSY 211 General Psychology (B)
Free Elective/Minor	Free Elective/Minor
Junior Year 1 st Semester	Junior Year - 2 nd Semester
CPHI 241 Philosophy of Religion	CPHI 231 Ethics and Human Values
CREL 351 History of Christian Thought	CPHI 262 Science, Tech. and Human Values
CREL 361 Culture and Religion	CREL 362 Psychology of Religion
CREL 401 Off Campus Study in Religion	CPHI 221 Intro. to Philosophy
Free Elective/Minor	Free Elective/Minor
Senior Year - 1 st Semester	Senior Year - 2 nd Semester
CREL 435 Contemporary Religious Thought	CREL 375 Religion and Media
CREL 451 Special Topics in Religion	CREL 452 Special Topics in Religion
CREL 484 Internship in Religion	CREL 485 Internship in Religion
Free Elective/Minor	Free Elective/Minor
Free Elective/Minor	Free Elective/Minor

Major Prerequisites for BA Religion

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
Additional Clarifications:	

Minor in Religion

All minors require a total of 18 semester credit hours from another School or Department.

Required Courses	Credit Hours
CREL 101 Biblical Heritage/ Survey of the Bible	3
CREL 103 African American Religious Experience	3
CREL 361 Culture and Religion	3
CREL 362 Psychology of Religion	3
CREL 452 Special Topics in Religion	3
CREL 483 Independent Study in Religion	3
CREL 484 Internship in Religion	3
Total Credit Hours	21
Additional Clarifications: Minors are required to complete (6) six courses (18) credit hours.	

General Education Courses for BA in Religion

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may **“recommend”** Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input type="checkbox"/>	REQ
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	REQ
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	REQ
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	REQ
CREL 101 The Biblical Heritage	<input type="checkbox"/>	REQ
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	REQ
CREL 104 African American Religious Experiences II (delete) only 103 required	<input type="checkbox"/>	
CREL 250 Comparative Religion (delete) course integrated	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input checked="" type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	

CSCJ 218 Contemporary Social Problems	<input checked="" type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	

CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for BA in Religion

Major Courses (required):	39 credit hours (Grade of C or higher required)
Minor related courses (required)	<u>18</u> credit hours
Major/Cognate “related” courses:	<u>15</u> credit hours: CPHI 105 Critical Thinking; CPHI 211 Intro. to Philosophy; CPHI 231 Ethics & Human Values; CPHI 241 Philosophy of Religion; CPHI 262 Sci. Tech. & Human Values
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>12</u> credit hours
Total Credit Hours 122	

Minor in Religion: (18 credits)

The Minor in Religion is for students who wish to enhance their major program of study with training for seminary, employment in a religious oriented organization, or to receive training in a specified area of ministry. A student in any discipline can take a minor in religion. A religion major can also take a minor in another discipline in consultation with advisor.

REL 101 Biblical Heritage
REL 103 African American Religious Experience
REL 362 Psychology of Religion
REL 401 Off Campus Study in Religion
REL 452 Special Topics in Religion
REL 484 Internship in Religion

Programs of Study

1. Bachelor of Arts Degree in Philosophy (122 Credits)
2. Minor in Philosophy (18 Credits)

The Bachelor of Arts Degree in Philosophy acquaints students with a variety of religious traditions and philosophical perspectives by offering courses emphasizing critical, comparative, ethical, historical, and interdisciplinary inquiries while focusing primarily on the Judeo-Christian tradition, particularly the African-American aspect. The program also prepares students interested in pursuing graduate study in religion or philosophy.

Student Learning Outcomes

Graduates of the Philosophy Program will be able to:

1. Discuss philosophers' views and philosophical issues and conflicts in historical and philosophical context.
2. Promote respect for the norms of clarity; careful analysis; critical reflection; rational argument; sympathetic interpretation and understanding; and impartial pursuit of truth.
3. Promote independence of thought and a critical and analytical approach to theories and concepts, while evaluating the thought and arguments on which they are based.
4. Apply the relation of philosophical thought to other academic disciplines, to matters of public interest, and to their own experience.
5. Present, explain and defend philosophical views, arguments and objections to the philosophical ideologies.

Admissions Requirements

Applicants interested in matriculating in the Bachelor of Arts Degree in Philosophy Program must meet all the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog students pursuing the Bachelor of Arts Degree in Philosophy must complete the following plan of study.

Required Courses: 42 Credits

CPHI 105 Critical Thinking (3)
CPHI 221 Introduction to Philosophy (3)
CPHI 231 Ethics and Human Values (3)
CPHI 241 Philosophy of Religion (3)
CPHI 254 Biomedical Ethics
CPHI 262 Science Technology and Human Values (3)
CPHI 331 History of Western Philosophy I (3)
CPHI 332 History of Western Philosophy II (3)
CPHI 353 Representative Problems in Philosophy (3)
CPHI 362 Social and Political Philosophy (3)

CPHI 375 Existentialism and Phenomenology (3)

CPHI 401 Off Campus Study in Philosophy (3)

CPHI 431 African American Philosophy (3)

CPHI 452 Special Topics in Philosophy (3)

Cognate Courses: 12 Credits

CREL 361 Culture and Religion (3)

CREL 362 Psychology of Religion (3)

CFLX 101 and 102: Elementary Spanish or French I (3) and II (3)

Area A: Humanities and Fine Arts (12)

CMUS 120 Music Appreciation (3)

CHIS 202 Africa and the World (3)

CART 150: Art Appreciation (3)

CSTA 252: Theatre Appreciation (3)

CMUS 119: World Music (3)

CHIS 201: US, Africa and the World I to 1500 (3)

CHIS 202: US, Africa and the World II, from 1500 to present (3)

CHIS 211: History of the United States to 1865 (3)

CHIS 212: History of the United States since 1865 (3)

CHUM 228: The Early Period (3)

CHUM 230: The Modern Period (3)

Area B: Social/Behavioral Sciences (6)

CPSY 211 General Psychology

CPSY 218: Human Growth and Development (03)

CSCJ 201: Introduction to Criminal Justice (3)

CSCJ 215: Introduction to Sociology (3)

CSCJ 218: Contemporary Social Problems (3)

CSCJ 216: Introduction to Anthropology (3)

CPSC 219: American Government & Politics (3)

Area C: Natural Science/Mathematics/Statistics (6)

CBIO 101 General Biology (3)

CMAT 104 Finite Mathematics (3)

CPHY 102: Physical Science (3)

Area D: Communication (9)

CSTA 101 Fundamental of Speech (3)

CENG 105 College Composition (3)

CENG 106 College Composition (3)

CENG 201 or CENG 202: Introduction to World Literature I or II (3)

Area E: Financial/Technological (3)

CCIS 100 Information Technology (3)

CCIS 101 Intro. To Computing (3)

CECO 107 Introduction to Economics (3)

CBUS 250: Personal Finance (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

*** Minor or Stackable credentials: 18 credits**

***Free Electives: 12 Credits**

*** Note: Minor and Free electives should be chosen in consultation with an advisor and will depend on the student's area of interest, minor, and stackable credit options.**

**Plan of Study for Bachelor of Arts Degree in Philosophy
(122 Credits)**

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CSTA 101	Fundamentals of Speech	3	CBIO 101	General Biology	3
CFLX 101	Elementary Spanish or French I	3	CENG 106	College Composition II	3
CENG 105	College Composition I	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CREL 101	Biblical Heritage	3
CMAT 104	Finite Mathematics	3	CPHI 221	Intro to Philosophy	3
CPHI 105	Critical Thinking	3	CFLX 102	Elementary Spanish or French II	3
	TOTAL	16		TOTAL	16
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CPSC 219	American Government	3	CECO 251	Microeconomics	3
CPHI 231	Ethics and Human Values	3	CPHI 262	Science, Technology and Human Values	3
CPHI 241	Philosophy of Religion	3	CHUM 228	Humanities The Early Period	3
CPSY 211	General Psychology	3	CPHI 362	Social and Political Philosophy	3
	Free Elective	3		Free Elective	3
	TOTAL	15		TOTAL	15
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
CHIS 201	US Africa and World I	3	CPHI 332	History of Western Philosophy: Africa to Present II	3
CPHI 353	Problems in Philosophy	3	CPHI 401	Off Campus Study in Philosophy	3
CPHI 331	History of Western Philosophy: Africa to Present I	3	CPHI 362	Psychology of Religion	3
CREL 361	Culture and Religion	3	CPHI 375	Existentialism and Phenomenology	3
	Free Elective	3	CHIS 201	US Africa and World II	3
	TOTAL	15		TOTAL	15
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
CPHI 254	Biomedical Ethics	3	CPHI 451	Special Topics in Philosophy	3
CPHI 431	African American Philosophy	3		Free Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
	Free Elective	3		Free Elective	3
	TOTAL	15		TOTAL	15

Minor in Philosophy: (18 credits) The Minor in Philosophy consists of six courses chosen in consultation with the advisor, depending on the choice or stackable credentials. A student from any discipline can minor in Philosophy. A Philosophy major can also take an 18 credit minor in another discipline in consultation with department advisor.

For example:

- CPHI 105 Critical Thinking
- CPHI 221 Intro to Philosophy
- CPHI 231 Ethics and Human Values
- CPHI 241 Philosophy of Religion
- CPHI 353 Representative Problems in Philosophy
- CPHI 362 Social and Political Philosophy

Division of Natural Sciences and Mathematics

The Division of Natural and Mathematical Sciences offers undergraduate instructional programs for students interested in science, engineering, and health careers with opportunities for rigorous learning and research experiences through the Departments of Biological Sciences, Chemistry, Computer and Information Science, Mathematics, and Physics. The Division also offers five-year accelerated BS/MS degree programs in Biology, Chemistry, Computer and Information Science, Mathematics and Physics and provides interdisciplinary and interdepartmental major sequences to students with potential for a strong, science curriculum. The Division manages and monitors programs in Dual Degree in Engineering (DDEP), Pharmacy, and the Early Admission to Boston University Medical School and provides courses for departments outside both the Division and the University.

Programs in the Division of Natural and Mathematical Sciences are designed to develop students' capacities for scientific and analytical work and to ensure that all students are well prepared for their chosen career fields. Descriptions of these programs are provided under the respective departmental headings. Several scholarships are available for programs within the Division.

Department of Biological Sciences

Thomas W. Cole, Jr. Research Center for Science and Technology, Suite 3005

Telephone: (404) 880-6790

Dr. Joann Powell

(Interim Chair)

jpowell@cau.edu

The mission of the Department of Biological Sciences is to assist undergraduate and graduate students in the study of life sciences in a research environment that focuses on scientific reasoning, critical inquiry, problem solving, and the development of research skills that prepares graduates to be competitive in our global society.

The vision of the Department of Biological Sciences is to be recognized as a premier undergraduate, graduate, and research-centered department, among the research-intensive institutions in the nation, whose graduates will be excellent scholars, researchers, and practitioners through productive scientific and professional health careers.

The Department of Biological Sciences offers undergraduate and graduate degrees in basic biology. Students with an interest in careers in medicine, dentistry, veterinary medicine, pharmacy, environmental science, genetics, biomedical sciences and other areas in biology should major in biology. The curriculum leading to the Bachelor of Science Degree in Biology is designed to prepare students for professional careers in the areas of biological sciences. The core of the curriculum includes courses in molecular biology, biochemistry, genetics, and cell biology. Graduates of the undergraduate program are prepared for entry level positions in industrial and scientific companies. The curriculum also provides excellent preparation for students to enter graduate or professional schools in a number of health-related fields.

The Biology curriculum prepares students for further studies leading to the Masters of Science or the Doctor of Philosophy degrees for research or teaching careers in higher education and industry. The Department of Biological Sciences fosters and maintains collaborations at national academic, industrial, and governmental research facilities. Some research faculty participate in the University's Center for Cancer Research and Therapeutic Development that is supported by the National Institute of Health and other biomedical research programs. Detailed information regarding the department's

graduate degree programs are presented in the University's Graduate Catalog.

Program Objectives for the Department of Biological Sciences:

1. Provide rigorous courses and extramural opportunities that will help students develop a broad understanding of biological principles.
2. Provide or facilitate research experiences (on- campus and off-campus internships; summer enrichment programs, etc.) that allow students to develop the ability to critically and independently investigate biological phenomena through the development of the skills necessary for observing, gathering, analyzing, and presenting data.
3. Emphasize in all courses the contemporary and human aspects of science, especially biology and its impact upon society.
4. Provide high quality general education training in the life sciences for all undergraduate students in addition to exemplary support courses for multiple programs across the campus.
5. Aggressively seek extramural funds for research training and academic support programs for students.

Programs of Study

1. Bachelor of Science Degree in Biology (122 Credits)
2. Bachelor of Science Degree in Biology with a Minor in Public Health (126-127 Credits)
3. Early Admission to Boston University Medical School Program

Program of Study

Bachelor of Science Degree in Biology (122 Credits)

Program Description

The Bachelor of Science Degree in Biology curriculum is designed to prepare students interested in the study of biological sciences and health-related fields such as medicine, dentistry, veterinary, and pharmacy. The core courses include molecular biology, biochemistry, genetics, and cell biology.

Student Learning Outcomes

Graduates of the Biology Program will be able to:

1. Demonstrate an understanding of biology at the anatomical, biochemical, physiological, and ecological levels.
2. Communicate mastery of basic biological principles through written research papers and oral presentations.
3. Interpret observations and tests, and analyze a specific hypothesis through completion of individual research experiences.

Admissions Requirements

Applicants must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Science Degree in Biology must complete all *science and mathematics courses with minimum final grades of "C"*.

Required Courses: 32 credits

- CBIO 111 General Biology I (4)
- CBIO 112 General Biology II (4)
- CBIO 233 Microbiology (4)
- CBIO 312 Genetics (3)
- CBIO 375 Cell and Molecular Biology (3)
- CBIO 390 Intro Biochemistry (3)

CBIO 480 Biology Research (3)
CBIO 482 Seminar in Biology (1)
CBIO 331 Plant Biology & Physiology (4)
CBIO 478 Cell Biology Laboratory (Capstone) (3)

Recommended Biology Electives: 25 credits

Students choose 5-7 courses.

CBIO 230 - 231 Anatomy-Physiology I & II (8)
CBIO 255 Invertebrate Zoology (4)
CBIO 261 Environmental Biology (4)
CPSY 218 Human Growth and Development (3)
CPSY 313 Biostatistics (3)
CBIO 465 Intro Endocrinology (3)
CBIO 476 Human Physiology (4)
CBIO 484 Eukaryotic Gene Control (3)
CBIO 492 Biochemistry II (3)
CBIO 499 Special Topics (1-3)

Note: Upper level 300 and 400 Level Courses are only for juniors and seniors.

REQUIRED Cognate Courses: 24 credits

Chemistry

CCHE 111 General Chemistry I (with Laboratory and Recitation) (4)
CCHE 112 General Chemistry II (with Laboratory and Recitation) (4)
CCHE 231 Organic Chemistry I (with Laboratory and Recitation) (4)
CCHE 232 Organic Chemistry II (with Laboratory and Recitation) (4)
CPHY 111 General and Modern Physics I (with Laboratory) (4)
CPHY 112 General and Modern Physics II (with Laboratory) (4)

General Education Requirements: 35 Credits

AREA A: Humanities/Fine Arts: 3 Credits

CART 150 Art Appreciation (3), or
CHUM 228 Early Period – 1914 (3), or
CHUM 230 Modern Period-World War I to Present, or
CMUS 120 Music Appreciation (3), or
CSTA 252 Theatre Appreciation (3)
CREL 103 African American Religious Experience (3)
CHIS 201 US Africa and the World (3)
CHIS 211 History of the United States (3)
CPHI 105 Critical Thinking (3)

AREA B: Social/Behavioral Sciences: 6 Credits

CSCJ 215 Introduction to Sociology (3),
CSCJ 216 Introduction to Anthropology (3)
CSCJ 218 Contemporary Social Problems (3) or
CPSY 211 General Psychology (3)

AREA C: Natural Sciences/Mathematics/Statistics: 8 Credits

Students choose 2 courses.

CMAT 107 Pre-Calculus II (4)

CMAT 111 Calculus I (4)
CMAT112 Calculus II (4)

AREA D: Communication: English Literature: 9 Credits

CENG 105 College Composition I (3) and
CENG 106 College Composition II (3) and
CENG 201 World Literature I (3)
CENG 202 World Literature II (3) or
CSTA 101 Fundamentals of Speech (3)

AREA E: Financial/Technological: 7 Credits

CCIS 101 Introduction to Computers (3)
CBUS 250 Personal Finance (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

***Free Electives: 6 Credits**

***Note:** Free Electives should be chosen in consultation with faculty advisor
Check with department for other approved biology electives available at AUC
colleges.

Plan of Study for Bachelor of Science Degree in Biology (122 Credits)

(Students who are not prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO 111/L	General Biology I and Lab	4	CBIO 112/L	General Biology II and Recitation	4
CCHE 111/R	General Chemistry I, & Recitation	4	CCHE 112/R	General Chemistry II & Recitation	4
CHEM 111L	General Chemistry I Lab	0	CCHE 112 L	General Chemistry II Lab	0
AREA C CMAT 107 or CMAT 111	CMAT 107 (3) or CMAT 111 Calculus	4	AREA C CMAT 111 or CMAT 112	Calculus I or Calculus II	4
Area D CENG 105	College Composition I	3	Area D CENG 106	College Composition II	3
CGED 100	First-Year Seminar I	1	CGED 101	First-Year Seminar II	1
	TOTAL	16		TOTAL	16
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO 233	Microbiology* Microbial Genomics	4	CBIO 200	Biology Elective (200 level)	3
CCHE 231.R	Organic Chemistry I & Recitation	4	CCHEM 231/R	Organic Chemistry II & Recitation	4
CCHE 231 L	Organic Chemistry I Laboratory	0	CCHE 232 L	Organic Chemistry II Laboratory	0
AREA E CBUS 250	Personal Finance	3	AREA D CENG 201 or CENG 202	Introduction to World Literature I or Introduction to World Literature II	3
AREA A CHUM 228/230, CART 150 or CMUS 120	Humanities, Art, Music or Theatre	3	AREA B CPSY 211/218 or CSCJ	General Psychology or Human Growth & Development or Contemporary Social Problems	3
AREA B CSCJ 215/216	Intro to Sociology / or Intro to Anthropology	3	AREA E CCIS 253/Lab	Scientific Computing for Simulation Analysis and Visualization / Lab	4
	TOTAL	17		TOTAL	17
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO 312/R	Genetics I and Recitation	3	CBIO 375	Cell and Molecular Biology	3
CBIO 390	CBIO 390 Intro Biochemistry	3			
CPHY 111/L	General and Modern Physics I and Lab	4	CPHY 112/L	General and Modern Physics II and Lab	4
CBIO 331/L*	Plant Biology and Physiology	4	CBIO 480 & 482*	Biology Research & Seminar	4
C XXX	Free Elective	3	CBIO 492 or CBIO Elective	Biochemistry II or Elective	3
	TOTAL	17		TOTAL	14
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO 478L	Cell Biology Lab (Capstone)	3	CBIO XXX	Biology Elective	3
CBIO XXX	Biology Elective	3	CBIO XXX	Biology Elective	3
CBIO XXX	Biology Elective	3	STEM Elective**	Elective for Minor or Stackable Credential	4
CBIO XXX	Biology Elective	3	CXXX	Free Elective	3
	TOTAL	12		TOTAL	13

*CBIO 480, Research in Biology (3 credits) is offered each semester.
 **CSTEM Electives are elective courses in the STEM (Science, Technology, Engineering or Math) fields to be applied towards Minors in other disciplines or towards Stackable Credentials.
 ***Free Electives are any courses of interest to the student, providing prerequisites are met. Students may not use more than 3 additional credits of CBIO 480, Research in Biology to meet Free Elective requirements.

Program of Study

Bachelor of Science Degree in Biology with a Minor in Public Health (123 Credits)

Program Description

The Bachelor of Science Degree in Biology with a Minor in Public Health prepares students with the fundamental knowledge and principles needed to develop an appreciation for many public health issues that are prevalent in today's society. Graduates with a public health minor are prepared to enter graduate and professional programs in public health.

Student Learning Outcomes

Graduates with a Minor in Public Health will be able to:

1. Demonstrate an understanding of biology at the anatomical, biochemical, physiological, and ecological levels.
2. Communicate mastery of basic biological principles through written research papers and oral presentations.
3. Interpret observations and tests, and analyze a specific hypothesis through completion of individual research experiences.
4. Discuss interrelationships among organisms, including humans and their environments.
5. Articulate key aspects of public health as a field of research and practice.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Biology with a Minor in Public Health must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Science Degree in Biology with a Minor in Public Health must complete all science courses with minimum final grades of "C".

To satisfy degree requirements for the minor in Public Health, students must complete a minimum of eighteen (18) credits: Four (4) core courses (12 credits) offered at Morehouse College and an additional two (2) elective courses (6 credits) to be completed at Clark Atlanta University or at other Atlanta University Center schools.

**Interdisciplinary Atlanta University Center (AUC) Elective Courses for Public Health Minor

<i>Clark Atlanta University Courses</i>	<i>Morehouse College Courses</i>	<i>Spelman College Courses</i>
CBIO 261, Environmental Biology (4) – Required	HPSC 361, Ethics and Public Policy (3)	SANTH 305, Cross-Cultural Perspective on Gender (4)
CBIO 233, Microbiology (4)	HPHI 315, Philosophy of Science (3)	SANTH 322, Urban Anthropology (4)
CBIO 480, Research in Biology (1-4)	HPHI 475B, Bioethics (3)	SANTH 404, The Anthropology of Globalization (4)
CPSC 220, Introduction to Public Policy (3)	HPSC 476, Political Anthropology (3)	SANTH 444, Food and Culture (4)
CPSC 372, Comparative Public Policy (3)	HPSC 482, International Ethics (3)	SBIO/ES 314, Environmental Biology (4)
CPHI 231, Ethics and Human Values (3)	HPSY 393, Health/Medical Psychology (3)	SCHEM/ES 411, Toxicology (4)
CHPE 300, Psychological and Social Health (3)	HSOC 156, Men in Society (3)	SCHEM/ES 453, Environmental Chemistry (4)
CPSY 313, Statistics I (3)	HSOC 202, Cultural Anthropology (3)	SCWS/SOC 430, Special Topics: Violence Against Women (3)
CPSY 314, Statistics II (3)	HSOC 305, Urban and Comm. Sociology (3)	SIS 211, Introduction to International Studies (4)
CPSY 385, Abnormal Psychology (3)	HSOC 340, Medical Sociology (3)	SPHI 130, Introduction to Ethics (4)

CSCJ 308, Medical Sociology (3)	HSOC 341, The Life Cycle and Aging (3)	SPSC 320, Environmental Politics and Policy (4)
CUSW 350, Issues of Health Disparities Among Minority Populations (3)	HSOC 356, Demography, Ecology, and Environment (3)	SPSC 322, Legislative Process (4)
CUSW 142, Mental Health Issues of Diverse Groups and Women (3)		SPSY 200, Risky Behaviors, Social Influence, and HIV/AIDS (4)
		SPSY 420, Mental Health Practicum (4)
		SREI 285, Religion, Women, and Violence in Global Perspective (4)
		SSOC 242, Health-Sociological and Economic Perspectives (4)
		SSOC 301, Violence Against Women (4)
		SSOC 321, Community Organizing (4)
		SSOC 402 The Sociology of Health (4)

Early Admission Program for the Boston University Medical School

Sophomore students are eligible to apply for early admission to Boston University Medical School as CAU transient students. Applicants for admission to the Boston University Medical School must maintain a minimum grade point average of 3.0 during the junior and senior years. The senior year is spent in a combined undergraduate/medical school curriculum. Biology courses completed at Boston University may be applied towards the Bachelor of Science Degree in Biology from Clark Atlanta University. Students must have an approved transient form to receive credit for course(s) successfully completed at Boston University. The Boston University Medical School pays the difference in tuition between Clark Atlanta University and Boston University.

Requirements for Major Fields of Study and Minor Concentrations

- Students may elect to pursue a minor of study including eighteen (18-19) credits.
- Minors are administrated by the host departments offering the minor.
- Each student electing to pursue minor study must be approved by the Chair of the student's major department.

Biology Suggested Minors

- **Minor in Public Health**

CPSC 220 Introduction to Public Policy	3
CBIO 261 Environmental Biology	4
CPSY 313 Biostatistics	3
HBIO 240 Introduction to Public Health	3
HBIO 330 Introduction to Epidemiology	3
HBIO 450 Public Health Seminar & Practicum	3

- **Minor in Biology (for non-Biology STEM Majors)**

A non-Biology major will need eighteen (18) credits as listed below:

CBIO 111 General Biology I	4
CBIO 112 General Biology II	4
CBIO 223 Microbiology	4
CBIO 312 Genetics	3
CBIO 375 Cell and Molecular Biology	3

Department of Chemistry

Thomas W. Cole, Jr., Research Center for Science and Technology, Suite 2025

Telephone: (404) 880-6850

Dr. Conrad W. Ingram

(Chair)

cingram@cau.edu

The mission of the Department of Chemistry is to provide a rigorous and exceptional course of study in the physical and chemical sciences utilizing multi-faceted learning experiences, guided inquiry laboratory, and scientific research to prepare students for successful careers in chemical education and research, scientific discovery, and the medical sciences relevant to our global community.

The vision of the Department of Chemistry is to be a leader in providing interdisciplinary and multidisciplinary approaches to chemical education and research, attracting and preparing a diverse body of students to be scientific professionals, and exceeding the demands of a changing global and technological society.

The Department of Chemistry offers undergraduate and graduate degree programs designed for students interested in the chemical professions and for students who desire a career in teaching chemistry, biology, physics, mathematics, engineering, and other health sciences and preparation for graduate study. Chemistry majors graduate with a wide choice of career possibilities as researchers and administrators in the chemical, environmental, health, and pharmaceutical industries. The Department also provides the requisite pre-professional courses for studying medicine, dentistry, nursing, medical technology, pharmacy, and engineering.

Chemistry Department Objectives:

1. Provide an in-depth study of fundamental principles of and current developments in chemistry including chemical structure, mechanisms, reactivity, and energetics.
2. Provide training in developing chemistry-related ideas and concepts and present findings to the public and the scientific community through speech, writing, and visual displays.
3. Provide training to critically evaluate diverse forms of chemistry-related literature or conversation.
4. Illustrate the principles of qualitative and quantitative analysis.
5. Provide students with in-depth fundamentals in laboratory techniques from the translation of topical knowledge to practical use and scientific outcomes.
6. Provide students an understanding of the role of intellectual property and ethics in the practice of modern science.

Programs of Study

1. Bachelor of Science Degree in Chemistry (122 Credits)
2. Accelerated Dual Degrees in Bachelor of Science and Master of Science in Chemistry (152 Credits)
3. Dual Degree in Bachelor of Science Degree in Chemistry (CAU) and Bachelor of Chemical Engineering (from participating Dual-Degree Engineering Program (DDEP) institution)
4. Minor in Chemistry (24 Credits)

Bachelor of Science Degree in Chemistry (122 Credits minimum)

Program Description

The Bachelor of Science Degree in Chemistry is a rigorous program in the quantitative physical sciences. It requires advanced mathematics and elementary physics for technical students and advanced courses in inorganic, analytical, organic, and physical chemistries and biochemistry.

Student Learning Outcomes:

Graduates of the Chemistry Program will be able to:

1. Conduct accurate collection and interpretation of numerical data.
2. Use extrapolation, approximation, precision, accuracy, rational estimation, and statistical validity to solve problems.
3. Demonstrate proficiency in the scientific method of formulating hypothesis and arriving at appropriate answers and conclusions.
4. Describe appropriate chemical principles to include thermodynamics, equilibrium, kinetics, quantum mechanics, structures of materials, activities of substances, and synthesis.
5. Develop a mastery of a broad set of factual chemical knowledge concerning the properties of substances, molecules and atoms.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Chemistry must meet the General Admissions Requirements of the University as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Science Degree in Chemistry must complete all required and cognate courses with minimum final grades of "C".

Required Undergraduate Courses: 52 Credits

CCHE 111 General Chemistry I (4)
CCHE 111L General Chemistry I Laboratory (0)
CCHE 111R General Chemistry I Recitation (0)
CCHE 112 General Chemistry II (4)
CCHE 112L General Chemistry II Laboratory (0)
CCHE 112R General Chemistry II Recitation (0)
CCHE 211 Analytical Chemistry I (4)
CCHE 211L Analytical Chemistry I Laboratory (0)
CCHE 231 Organic Chemistry I (4)
CCHE 231L Organic Chemistry I Laboratory (0)
CCHE 231R Organic Chemistry I Recitation (0)
CCHE 232 Organic Chemistry II (4)
CCHE 232L Organic Chemistry II Laboratory (0)
CCHE 232R Organic Chemistry II Recitation (0)
CCHE 341 Physical Chemistry I (3)
CCHE 341L Physical Chemistry I Laboratory (1)
CCHE 341R Physical Chemistry I Recitation (0)
CCHE 342 Physical Chemistry II (3)
CCHE 342L Physical Chemistry II Laboratory (1)
CCHE 342R Physical Chemistry II Recitation (0)
CCHE 400 Undergraduate Research (3)
CCHE 412 Instrumental Methods (4) **and**
CCHE 412L Instrumental Methods Laboratory (0)

CCHE 421 Inorganic Chemistry (3)
CCHE 431 Advanced Organic Chemistry (3)
CCHE 431L Advanced Organic Chemistry Laboratory (1)
CCHE 432 Methods of Structure Determination (3)
CCHE 432L Methods of Structure Determination Laboratory (1)
CCHE 480 Special Topics in Chemistry (4)
CCHE 381 Junior-level Chemistry Seminar I (0)
CCHE 382 Junior-level Chemistry Seminar II (1)
CCHE 481 Senior-level Chemistry Seminar I (0)
CCHE 482 Senior-level Chemistry Seminar II (1)

Cognate Courses: 23 Credits

CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)
CBIO 111 General Biology (4)
CBIO 111L General Biology Lab (0)
CMAT 212 Differential Equations I (3)
CPHY 111 General and Modern Physics I (4)
CPHY 111L General and Modern Physics I Laboratory (0), *or*
CPHY 121 Physics I: Mechanics (3) *and*
CPHY 121L Physics I: Mechanics Laboratory (1)
CPHY 112 General and Modern Physics II (4) *and*
CPHY 112L General and Modern Physics II Laboratory (0) *or*
CPHY 123 Physics III: Optics and Modern Physics (3) *and*
CPHY 123L Physics III: Optics and Modern Physics Laboratory (1)

General Education Courses: 30 Credits

AREA A: Humanities/ Fine Arts: 3-6 Credits

Students choose at least 1 of the following.

CPhi 105 Critical Thinking
CPhi 221 Introduction to Philosophy
CREL 101 The Biblical Heritage
CREL 103 African-American Religious Experiences I
CREL 104 African-American Religious Experiences II
CREL 250 Comparative Religion
CREL 251 Religious Ethics
CART 150 Art Appreciation
CHUM 228 Early Period: 1500 - 1914 / Interdisciplinary Humanities I
CHUM 230 Modern Period: World War I - Present / Interdisciplinary Humanities II
CMUS 119 World Music
CMUS 120 Music Appreciation
CSTA 252 Theatre Appreciation
CHIS 201 The United States, Africa and the World I or
CHIS 211 History of the United States before 1865
CHIS 202 The United States, Africa and the World II or
CHIS 212 History of the United States since 1865

AREA B: Social/Behavioral Sciences: 3-6 Credits

Students choose at least one (1) of the following.

CPSY 211 General Psychology
CPSY 218 Human Growth and Development
CEDU 301 Educational Psychology (Education majors take this course.)

CSCJ 215 Introduction to Sociology
CSCJ 216 Introduction to Anthropology
CSCJ 218 Contemporary Social Problems
CPSC 219 American Government and Politics

AREA C: Natural Sciences/ Mathematics/ Statistics: 9 credits. These courses are defined by cognates.

CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)
CMAT 212 Differential Equations I (3)
CBIO 112 General Biology II (4)
CBIO 112L General Biology II Laboratory (0)
CPHY 111 General and Modern Physics I and Lab (4), CPHY 111L, **or** CPHY 121, Physics I and Lab: Mechanics (3), and (1)
CPHY 112 General and Modern Physics II and Lab (4) **or** CPHY 123, Physics III Optics and Modern Physics and Lab: (3) and (1)

AREA D: Communications: 6 Credits

CENG 105 College Composition I (3), and
CENG 106 College Composition II (3)

AREA E: Financial and Technological: 6 Credits

CCIS 253 Scientific Computing for Simulation, Analysis and Visualization (3)
CBUS 250 Personal Finance (3), **or** CECO 250 Introduction to Economics (3)

A student may choose any CBUS or CECO at the 200 level.

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

Free Electives: 15 Credits

Students are free to choose their own electives. However, these electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials that a student may be seeking.

Note: Students must complete all chemistry courses with a minimum final grade of "C". It is recommended in the program plan that students take CCHE 400 over three (3) semesters at 1.0 credit hour per semester. The Physics 121, 121L, 123 and 123L sequence is recommended for all students interested in graduate school.

**Plan of Study for Bachelor of Science Degree in Chemistry
(122 Credits Minimum)**

*(Students who are **not** prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)*

Freshman Year – 1st Semester 16 hrs	Freshman Year - 2nd Semester 16 hrs
CCHE 111/L/R General Chemistry I - (4)	CCHE 112/L/R General Chemistry II - (4)
CBIO 111/L General Biology I - (4)	CBIO 112/L General Biology II - (4) Area C
CMAT 111 Calculus 1 - (4) Area C	CMAT 112 Calculus II - (4) Area C
CENG 105 English Comp I - (3) Area D	CENG 106 English Comp II - (3) Area D
CGED 100 First-Year Seminar I - (1)	CGED 101 First-Year Seminar II - (1)
Sophomore Year 1st Semester 15 hrs	Sophomore Year - 2nd Semester 16 hrs
CCHE 231/L/R Organic Chemistry I - (4)	CCHE 232/L/R Organic Chemistry II - (4)
CMAT 211 Calculus III - (4) Area C	CMAT 212 Differential Equations - (3) or CMAT 214, Linear Algebra (3)
CPHY 111/L General Physics I and lab -(4) or CPHY 121/L Modern Physics I and lab -(4)	CPHY 112/L General & Modern Physics II & Lab -(4) or CPHY 123/L Physics III Optics & Modern Physics and lab -(4)
Core Elective (3) (Humanities) Area A	CCIS 253 Sci Computing, Analysis, and Visualization (3) Area E
	CBUS Business (3) Area E
Junior Year 1st Semester 14-17 hrs	Junior Year - 2nd Semester 14-17 hrs
CCHE 211/L Analytical Chemistry I - (4)	CCHE 342 Physical Chemistry II and Lab- (4)
CCHE 341L/R Physical Chemistry I and Lab- (4)	CCHE 382 Chemistry Seminar - (1)
CCHE 381 Chemistry Seminar (0)	Free Elective (3)
Core Elective (3) (Social/Behavioral Sciences) Area B	Free Elective (3) (300 or 400 level)
Free Elective - (3) (300 or 400 level)	Core Elective (3) (Hum, Soc/Beh Sci, or Comm) Area A or B or D or E
CCHE 400 Undergrad Res in Chemistry - (1-3)	CCHE 400 Undergrad Res in Chemistry - (0-3)
Senior Year - 1st Semester 16-17 hrs	Senior Year - 2nd Semester 16-18 hrs
CCHE 421 Inorganic Chemistry - (3)	CCHE 412/L Instrumental Methods w/Lab - (4)
CCHE 431/L Advanced Organic Chemistry - (4)	CCHE 432/L Methods of Structure Determ. - (4)
CCHE 480 Special Topics in Chemistry - (4)	CCHE 400 UG Research in Chemistry - (1-3)
CCHE 400 UG Research in Chemistry - (1-3)	CCHE 482 Chemistry Seminar - (1)
CCHE 481 Chemistry Seminar (0)	Free Elective (3) (300 or 400 level)
Free Elective (3) (300 or 400 level)	Free Elective (3)

Major Prerequisites for B.S. Chemistry

Course with Prerequisite	Required Prerequisite
CCHE 112 General Chemistry II	CCHE 111/111L/111R
CCHE 112 H General Chemistry II	CCHE 111H/111HL/112HR
CCHE 211/L Analytical Chemistry I - (4)	CCHE 112/112L/112R
CCHE 231/L/R Organic Chemistry I - (4)	CCHE 112/112L/112R
CCHE 232/L/R Organic Chemistry II - (4)	CCHE 231/231L/231R
CCHE 341L/R Physical Chemistry I and Lab- (4)	CCHE 211/211L; CPHY 111/111L and CPHY 112/112L; CMAT 111, CMAT 112, CMAT 211, and CMAT 212 (or CMAT214)
CCHE 342 Physical Chemistry II and Lab- (4)	CCHE 211/211L; CPHY 111/111L and CPHY 112/112L; CMAT 111, CMAT 112, CMAT 211, and CMAT 212 (or CMAT 214)
CCHE 412/L Instrumental Methods w/Lab - (4)	CCHE 211/211L, CCHE 341/341L/341R, and CCHE 342/342L/342R
CCHE 421 Inorganic Chemistry - (3)	CCHE 341/341L/341R and CCHE 342/342L/342R
CCHE 431/L Advanced Organic Chemistry - (4)	CCHE 231/231L/231R and CCHE 232/232L/232R
CCHE 432/L Methods of Structure Determ. - (4)	CCHE 431/431L
CCHE 441 Mathematical Methods in Chemistry	CCHE 341/341L/341R and CCHE 342/342L/342R
CCHE 445/L Introduction to Computational Chemistry and Molecular Modeling	CCHE 231/231L/231R and CCHE 232/232L/232R
CCHE 451 Biochemistry I	CCHE 231/231L/231R and CCHE 232/232L/232R; CBIO 111/111L and CBIO 112/112L
CCHE 451 Biochemistry I	CCHE 231/231L/231R and CCHE 232/232L/232R; CBIO 111/111L and CBIO 112/112L
Additional Clarifications:	

Minor in Chemistry

All minors require a total of 24 semester credit hours from another School or Department.

Required Courses	Credit Hours
CCHE 111 General Chemistry I	(4)
CCHE 111R General Chemistry Recitation	(0)
CCHE 111L General Chemistry Lab	(0)
CCHE 112 General Chemistry II	(4)
CCHE 112 R General Chemistry Recitation	(0)
CCHE 112L General Chemistry Lab	(0)
CCHE 211 Analytical Chemistry I	(4)
CCHE 211L Analytical Chemistry Lab	(0)
CCHE 231 Organic Chemistry I	(4)
CCHE 231R Organic Chemistry I	(0)
CCHE 231 L Organic Chemistry I	(0)
CCHE 232 Organic Chemistry II	(4)
CCHE 232R Organic Chemistry II Recitation	(0)
CCHE 232 L Organic Chemistry II Lab	(0)
CCHE XXXX L Chemistry course approved by department chair	(4)
Total Credit Hours	24 Credits
Additional Clarifications:	

General Education Courses for B.S. Degree in Chemistry

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may **“recommend”** Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input checked="" type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input checked="" type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input checked="" type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input checked="" type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input checked="" type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input checked="" type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input checked="" type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input checked="" type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input checked="" type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input checked="" type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input checked="" type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	

CSCJ 218 Contemporary Social Problems	<input checked="" type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input checked="" type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	REQ
CBIO 112 General Biology II	<input type="checkbox"/>	REQ
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	REQ
CCHE 112 General Chemistry II	<input type="checkbox"/>	REQ
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	REQ
CMAT 112 Calculus II	<input type="checkbox"/>	REQ
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	REQ
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	REQ
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input checked="" type="checkbox"/>	
CENG 202 World Literature II	<input checked="" type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	

CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input checked="" type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	REQ
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	REQ
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input checked="" type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input checked="" type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for B.S. Chemistry

Chemistry/department courses (required):	<u>52</u> credit hours (Grade of C or higher required)
Cognate related courses (required):	<u>23</u> credit hours
General Education (required):	<u>30</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar CGED 100&101)
General/Free Electives:	<u>15</u>
Total Credit Hours <u>122</u>	

Program of Study

Accelerated Dual Degrees in Bachelor of Science and Master of Science in Chemistry (152 Credits)

Program Description

The Accelerated Dual Degrees in Bachelor of Science and Master of Science in Chemistry program trains and develops scholars and promotes research by providing students with contemporary concepts in the fields of organic, inorganic, and physical chemistry. Each student receives thorough intellectual training in a particular specialty and mastery of the methods that are requisite for productive scholarly endeavors in that specialty.

Student Learning Outcomes

Graduates of the Accelerated Dual Degrees in Bachelor of Science and Master of Science Chemistry Program will be able to:

1. Discuss atomic and molecular theories of chemistry.
2. Demonstrate mastery of basic chemistry principles through written research papers and required oral presentations in seminar or research classes.
3. Interpret observations and tests and analyze a specific hypothesis through completion of individual research experiences.
4. Demonstrate proficiency in basic chemistry techniques required to conduct research.
5. Communicate scientific information effectively through the preparation of technical reports or a thesis.

Admissions Requirements

Applicants to the Accelerated Dual Degrees in Bachelor of Science and Master of Science in Chemistry must meet the General Admissions Requirements as published in the Undergraduate and Graduate Catalogs. Students are admitted based on their academic achievement in secondary school. Students must have a minimum cumulative high school grade point average of 3.25 and minimum scores of 900 on the composite Scholastic Assessment Test (SAT) *or* 22 on the American College Testing (ACT).

Degree Requirements

In addition to the General Degree Requirements as published in the Undergraduate and Graduate Catalogs, students must satisfy all the requisite major and cognate courses in order to be awarded the Bachelor of Science Degree in Chemistry. Students must complete a minimum of thirty (30) credits of graduate courses in the major field including an acceptable thesis. At the beginning of the second semester of the third year of study, students must apply for admission to the graduate program. During their fourth year of study, students may begin graduate coursework and research while completing undergraduate degree requirements. Summer research activities may be required depending on the objectives of the students' research projects. During the fifth year of study, students engage exclusively in graduate study. Students must complete all undergraduate chemistry courses with a minimum final grade of "C". Students must maintain a minimum cumulative grade point average of 3.0 to continue in the program and complete the following courses as noted for the BS degree:

Required Undergraduate Courses: 52 Credits

CCHE 111 General Chemistry I (4)
CCHE 111L General Chemistry I Laboratory (0)
CCHE 111R General Chemistry I Recitation (0)
CCHE 112 General Chemistry II (4)
CCHE 112L General Chemistry II Laboratory (0)
CCHE 112R General Chemistry II Recitation (0)
CCHE 211 Analytical Chemistry I (4)
CCHE 211L Analytical Chemistry I Laboratory (0)
CCHE 231 Organic Chemistry I (4)
CCHE 231L Organic Chemistry I Laboratory (0)
CCHE 231R Organic Chemistry I Recitation (0)
CCHE 232 Organic Chemistry II (4)
CCHE 232L Organic Chemistry II Laboratory (0)
CCHE 232R Organic Chemistry II Recitation (0)
CCHE 341 Physical Chemistry I (3)
CCHE 341L Physical Chemistry I Laboratory (1)
CCHE 341R Physical Chemistry I Recitation (0)
CCHE 342 Physical Chemistry II (3)
CCHE 342L Physical Chemistry II Laboratory (1)
CCHE 342R Physical Chemistry II Recitation (0)

Cognate Courses: 23 Credits

CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)
CBIO 111 General Biology I (4)
CBIO 111L General Biology I Laboratory (0)
CMAT 212 Differential Equations I (3)
CPHY 121 Physics I: Mechanics (3), and CPHY 121L, Physics I: Mechanics Laboratory (1)
CPHY 123 Physics III: Optics and Modern Physics (3) and CPHY 123L, Physics III: Optics and Modern Physics Laboratory (1)

General Education Courses: 30 Credits

AREA A: Humanities/ Fine Arts: 3 Credits

Students choose any 1 of the following.

CPhi 105 Critical Thinking (3)
CPhi 221 Introduction to Philosophy (3)
CREL 101 The Biblical Heritage (3)
CREL 103 African-American Religious Experiences I (3)
CREL 104 African-American Religious Experiences II (3)
CREL 250 Comparative Religion (3)
CREL 251 Religious Ethics (3)
CART 150 Art Appreciation (3)
CHUM 228 Early Period: 1500 - 1914 / Interdisciplinary Humanities I (3)
CHUM 230 Modern Period: World War I–Present/Interdisciplinary Humanities II (3)
CMUS 119 World Music (3)
CMUS 120 Music Appreciation (3)
CSTA 252 Theatre Appreciation (3)
CHIS 201 The United States, Africa and the World I (3) **or**
CHIS 211 History of the United States before 1865 (3)
CHIS 202 The United States, Africa and the World II (3) **or**
CHIS 212 History of the United States since 1865 (3)

AREA B: Social/Behavioral Sciences: 6 Credits**Students choose any 2 of the following.**

CPSY 211 General Psychology (3)

CPSY 218 Human Growth and Development (3)

CEDU 301 Educational Psychology (Education majors take this course.)

CSCJ 215 Introduction to Sociology (3)

CSCJ 216 Introduction to Anthropology (3)

CSCJ 218 Contemporary Social Problems (3)

CPSC 219 American Government and Politics (3)

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 Credits

CMAT 111 Calculus I (4)

CBIO 111 General Biology I (4)

CBIO 111L General Biology I Laboratory (0)

AREA D: Communications: 6 Credits

CENG 105 College Composition I (3)

CENG 106 College Composition II (3)

AREA E: Financial and Technological: 7 Credits

CCIS 253 Scientific Computing for Simulation, Analysis and Visualization & L (4), and

CBUS 250 Personal Finance (3), or

CECO 250 Introduction to Economics (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

Free Electives: 15 Credits**Note:** Free electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials being sought.**Plan of Study for Accelerated Dual Degrees in Bachelor of Science and Master of Science in Chemistry (152 Credits: 122UG/30GD)***(Students who are **not** prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)*

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO 111/L	General Biology I & Lab	4	CBIO 112/L	General Biology II & Lab	4
CENG 105	College Composition I	3	CENG 106	College Composition II	3
CGED 100	First-Year Seminar I	1	CGED 101	First-Year Seminar II	1
CMAT 111	Calculus I	4	CMAT 112	Calculus II	4
CCHE 111/L	General Chemistry I & Lab	4	CCHE 112/L	General Chemistry II & Lab	4
CCHE 111R	General Chemistry I Recitation	0	CCHE 112R	General Chemistry II Recitation	0
	TOTAL	16		TOTAL	16
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr

CCHE 231/L	Organic Chemistry I and Lab	4	CCHE 232/L	Organic Chemistry II and Lab	4
CCHE 231R	Organic Chemistry I Recitation	0	CCHE 232R	Organic Chemistry II Recitation	0
CMAT 211	Calculus III	4	CMAT 212 or CMAT 214	Differential Equations or Linear Algebra	3
CPHY 121	Physics I: Mechanics	3	CPHY 123	Physics III: Optics and Modern Physics	3
CPHY 121L	Physics I: Mechanics Lab	1	CPHY 123L	Physics III: Optics and Modern Physics Lab	1
Core Elective	Humanities (Area A)	3	CCIS 253/L	Sci Computing and Visualization and Lab	4
			CBUS	Business Elective	3
	TOTAL	15		TOTAL	18
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
CCHE 211/L	Analytical Chemistry I and Lab	4	CCHE 342	Physical Chemistry II	3
CCHE 341	Physical Chemistry I	3	CCHE 342L	Physical Chemistry II Lab	1
CCHE 341L	Physical Chemistry I Lab	1	CCHE 342R	Physical Chemistry II Recitation	0
CCHE 341R	Physical Chemistry I Recitation	0	CCHE 382	Junior-Level Chemistry Seminar II	1
CCHE 381	Junior-Level Chemistry Seminar I	0	Free Elective*	Student Choice	3
Core Elective*	Social or Behavioral Science (Area B)	3	Free Elective	Student Choice	3
Free Elective*		3	Core Elective*	(Hum. Soc/Behav.Sci. or Comm.)	
CCHE 400	Undergraduate Research in Chemistry	0-3	CCHE 400	Undergraduate Research in Chemistry	1-3
	TOTAL	14-17		TOTAL	12-14
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
CCHE 421/L	Inorganic Chemistry	3	CCHE 412/L	Instrumental Methods and Lab	4
CCHE 431	Advanced Organic Chemistry I	3	CCHE 432	Methods of Structure Determination	3
CCHE 431L	Advanced Organic Chemistry I Lab	1	CCHE 432L	Methods of Structure Determination Lab	1
CCHE 480	Special Topics in Chemistry and Lab	4	CCHE 482	Senior-Level Chemistry Seminar II	1
CCHE 481	Senior-Level Chemistry Seminar I	0	CCHE 400	Undergraduate Research in Chemistry	1-3

CCHE 400	Undergraduate Research in Chemistry (1-3)	1-3	Free Elective*		3
Free Elective*	Student Choice	3	Free Elective*		3
	TOTAL	15-17		TOTAL	16-18
	Summer				
CCHE XXX	Graduate Research in Chemistry	6			
	TOTAL	6			
Fifth Year					
	Fall Semester	Cr		Spring Semester	Cr
CCHE XXX	Graduate Core Course/CCHE Area Course	3	CCHE XXX	Graduate Core Course/CCHE Area Course	3
CCHE XXX	Graduate Core Course/CCHE Area Course	3	CCHE XXX	Graduate Core Course	3
CCHE XXX	Graduate Core Course	3	CCHE XXX	Graduate Research in Chemistry	6
CCHE XXX	Graduate Research in Chemistry	3			
	TOTAL	12		TOTAL	12
<p>*Free electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.</p> <p>*Courses are selected based on consultation with an advisor and in alignment with the students' interests.</p>					

Undergraduate Advanced Courses:

CCHE 412 Instrumental Methods* (3)
 CCHE 412L Instrumental Chemistry Laboratory (1)
 CCHE 421 Inorganic Chemistry (3)
 CCHE 431 Advanced Organic Chemistry I (3)
 CCHE 431L Advanced Organic Chemistry I Laboratory (1)
 CCHE 432 Methods of Structure Determination (3)
 CCHE 432L Methods of Structure Determination Laboratory (1)
 CCHE 441 Mathematical Methods in Chemistry (3)
 CCHE 480 Special Topics in Chemistry (3)
 CCHE 480L Special Topics in Chemistry Laboratory (1)

*Students are generally advised to take graduate core courses as part of their free electives during their senior year in an effort to provide more time for research. *Instrumental Methods dual listed course that provides the student with 3 credits of graduate coursework if they continue the BS/MS Program.*

Graduate Core Courses: Students must complete 15 credits of graduate courses in the core areas based on their sub-discipline choice.

Analytical Chemistry

CCHE 511 Environmental Chemistry (3)

Inorganic Chemistry

CCHE 521 Advanced Inorganic Chemistry (3)

Organic Chemistry

CCHE 531 Mechanistic Organic Chemistry (3)

CCHE 532 Organic Synthesis (3)

Physical Chemistry

CCHE 541 Thermodynamics (3)

CCHE 542 Quantum Chemistry (3)

Biochemistry

CCHE 551 Advanced Biochemistry I (3)

CCHE 552 Advanced Biochemistry II (3)

Industrial Chemistry

CCHE 561 Topics in Industrial Chemistry (3)

CCHE 562 Scale-Up for Chemists (3)

Polymer Chemistry

CCHE 571 Introduction to Polymer Chemistry (3)

CCHE 572 Techniques in Polymer Chemistry (3)

CCHE 572L Techniques in Polymer Chemistry Laboratory (0)

CCHE 573 Physical Polymer Science (3)

Minor in Chemistry (24 Credits)

The Minor in Chemistry is open to any student who wishes to enhance his/her undergraduate education and for majors in biology and physics in particular who find chemistry courses a valuable complement to those in their major field of study. A minor in Chemistry, which consists of (24) credit hours of Chemistry coursework, is an excellent credential in the eyes of future employers and enhances the records of students interested in medical or other professional schools.

Student Learning Outcomes

Graduates with a Minor in Chemistry will be able to:

1. Describe basic theories and concepts in Chemistry.
2. Demonstrate adequate competence in the use of laboratory and instrumental techniques.
3. Identify and apply modern analytical techniques and applications to solve applied chemical problems.

Required Courses: 24 Credits

CCHE 111 General Chemistry I (4)

CCHE 111L General Chemistry I Laboratory (0)

CCHE 111R General Chemistry I Recitation (0)

CCHE 112 General Chemistry II (4)

CCHE 112L General Chemistry II Laboratory (0)

CCHE 112R General Chemistry II Recitation (0)

CCHE 211 Analytical Chemistry I (4)

CCHE 211L Analytical Chemistry I Laboratory (0)

CCHE 231 Organic Chemistry I (4)

CCHE 231L Organic Chemistry I Laboratory (0)

CCHE 231R Organic Chemistry I Recitation (0)

CCHE 232 Organic Chemistry II (4)

CCHE 232L Organic Chemistry II Laboratory (0)

CCHE 232R Organic Chemistry II Recitation (0)

CCHE XXXX Chemistry course approved by the department chair (4)

Department of Cyber Physical System
Thomas W. Cole, Jr., Science Research Center for Science and Technology, Suite 1015
Telephone: (404) 880-6951

Dr. Roy George
Chair
rgeorge@cau.edu

The mission of the Department of Computer and Information Science is to educate diverse students in an intellectually challenging program of study focused towards the analysis, design, and implementation of software systems by providing an advanced and rigorous curriculum with integrated laboratory-based and practical experiences that make students globally competitive for employment with government and industry.

The vision of the Department of Computer and Information Science is to become nationally recognized in educating bachelors to terminal degree level students in the Computer Sciences with knowledge, skills and practical training needed to understand and address inter-disciplinary and multi-disciplinary problems of a national and global scale.

The Department of Computer and Information Science Degree programs provide undergraduate students a balanced, practical and theoretical approach to the study of software and hardware that includes the latest advances in this industry. The curriculum emphasizes the development of problem-solving skills applied to real-world problems. The programs of study in computer science and computer information systems provides for a comprehensive foundation that permits graduates to attain their career objectives in graduate education or pursue employment in many technical or professional fields of information technology.

The Department's academic and research activities are strengthened via several major funded initiatives. These projects provide opportunities for student participation in research/design efforts and related laboratory work. The department has linkages with several research institutions, government research laboratories and industries to facilitate student summer internships, job placement, and doctoral studies.

Program Objectives for the Bachelor of Science in Computer Science:

1. Train students on the new methods for processing and exchanging information.
2. Provide training on the underlying structure and appropriate uses of modern tools of the computing profession.
3. Provide practical theories and application of the scientific principles, which underlie the physical characteristics of modern computers.
4. Develop effective communicators to function well in multi-disciplinary teams.

Programs of Study

1. Bachelor of Science Degree in Computer Science (122 Credits)
2. Bachelor of Science Degree in Cybersecurity (122 Credits)
3. Accelerated Dual Degrees in Bachelor of Science and Master of Science in Computer Science (152 Credits)
4. Minor in Computer Science (21 Credits)

Program of Study

Bachelor of Science Degree in Computer Science (122 Credits)

Program Description

The Bachelor of Science Degree in Computer Science is designed to provide an in-depth study in theoretical and algorithmic foundations as well as cutting-edge developments in robotics, computer vision, intelligent systems, bioinformatics, and new approaches to programming. Through theoretical application students learn to determine the best performance possible, and the study of algorithms helps them to develop new approaches that provide better performance.

The program curricula offer a wide range of courses in areas of computer networking, software design and implementation, human-computer-interface, and uses of databases to create new knowledge. The majors in this program develop effective ways to solve computing problems, use new approaches to store information in databases, send data over networks, and display complex images.

Student Learning Outcomes

Graduates of the Computer Science Program will be able to:

1. Identify computing problems and apply appropriate algorithmic theories to solve them.
2. Assess the hardware and software aspects of computer systems that support application software development.
3. Apply theoretical knowledge of programming to determine new approaches that provide best performance in the areas of networking, information storage in databases, and human-computer-interface.
4. Effectively communicate their work in both written and oral formats to diverse and professional audiences.
5. Develop software solutions to practical problems.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Computer Science must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

The degree requires a minimum of one hundred twenty-two (122) semester hours, including sixty (60) in Computer Science. Three (3) semesters of continuous science classes with laboratory are required either in Biology, Chemistry, or Physics. Students must complete all required Computer Science courses with minimum final grades of "C".

Required Courses: 57 Credits

CCIS 101	Introduction to Computers (3)
CCIS 105	Programming Principles I (3)
CCIS 105L	Programming Principles I Lab (1)
CCIS 106	Programming Principles II (3)
CCIS 106L	Programming Principles II Lab (1)
CCIS 121	Introduction to Computer Systems (3)
CCIS 223	Data Structures (3)
CCIS 223L	Data Structures Lab I (1)
CCIS 227	Discrete Structures (3)
CCIS 229	Website Design (3)
CCIS 321	Software Engineering (3)
CCIS 329	Rich Internet Applications (3)
CCIS 371	Introduction to Computer Algorithms (3)

CCIS 372	Introduction to Computer Architecture (3)
CCIS 374	Introduction to Database (3)
CCIS 375	Introduction to Artificial Intelligence (3)
CCIS 431	Information Security (3)
CCIS 473	Introduction to Operating Systems (3)
CCIS 476	Programming Languages & Compilers (3)
CCIS 493	Senior Design Project (3)
CCIS 4XX	CIS Elective (3)

Cognate Courses: 18 Credits

CBIO/CCHE/CPHY	Science I (3)
CBIO/CCHE/CPHY	Science I Lab (1)
CBIO/CCHE/CPHY	Science II (3)
CBIO/CCHE/CPHY	Science II Lab (1)
CBIO/CCHE/CPHY	Science III (3)
CBIO/CCHE/CPHY	Science III Lab (1)
CMAT 214 or 311	Linear Algebra or Math Logic (3)
CMAT 321	Probability and Statistics (3)

General Education Courses: 33 Credits

AREA A: Humanities/ Fine Arts: 6 credits

CPhi 105 Critical Thinking (3), or
 CREL 101 The Biblical Heritage (3), or
 CREL 103 African American Religious Experiences (3), **and**
 CHIS 201/202 U.S., Africa and the World History I (3)
 CHIS 211 US History to 1865 (3) or
 CHIS 212 US History since 1865 (3)

AREA B: Social/ Behavioral Sciences: 3 Credits

CPSY 211 General Psychology (3) or
 CPSC 219 American Government and Politics (3) or
 CSCJ 215 Introduction to Sociology (3) or
 CSCJ 216 Introduction to Anthropology (3) or
 CSCJ 218 Contemporary Social Problems
 CSCJ 201 INTRODUCTION TO CRIMINAL JUSTICE

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

CMAT 111 Calculus I (4), **and**
 CMAT 112 Calculus II (4)

AREA D: Communications: 9 Credits

CENG 105 (3) **and** CENG 106 (3) **and** CSTA 101 (3)

AREA E: Financial/ Technological: 7 Credits

CECO 107 Introduction to Economics (3), AND
 CCIS 253/L Scientific Computing for Sim. Ana. And Lab (4)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
 CGED 101 First-Year Seminar II (1)

***Free Electives: 12 Credits**

***Note:** Free Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

Plan of Study for Bachelor of Science Degree in Computer Science (122 Credits)

(Students who are not prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)

Freshman Year					
Fall Semester			Spring Semester		
		Cr			Cr
CCIS 101	Introduction to Computing	3	CENG 106	College Composition II	3
CENG 105	College Composition I	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar	1	CMAT112	Calculus II	4
CMAT 111	Calculus I	4	CCIS 106	Programming Principles II	3
CCIS 105	Programming Principles I	3	CCIS 106L	Programming Principles II Lab	1
CCIS 105L	Programming Principles I Lab	1	CCIS 121	Introduction to Computer Systems	3
TOTAL		15	TOTAL		15
Sophomore Year					
Fall Semester			Spring Semester		
		Cr			Cr
CBIO/CCHE/CPHY*	Science I	3	CBIO/CCHE/CPHY*	Science II	3
CBIO/CCHE/CPHY*	Science I Lab	1	CBIO/CCHE/CPHY*	Science II Lab	1
CXXX	AREA A,B,C D	3	CXXX	AREA A,B,C D	3
CXXX	AREA A,B,C D	3	CCIS 253/L	Scientific Computing for Sim. Ana. And Lab	4
CCIS 223	Data Structures	3	CCIS 227	Discrete Structures	3
CCIS 223L	Data Structures Lab	1	CXXX	AREA A,B,C D	3
CMAT 214/311	Linear Algebra or Math Logic	3			
TOTAL		17	TOTAL		17
Junior Year					
Fall Semester			Spring Semester		
		Cr			Cr
CCIS 229	Website Design	3	CMAT 321	Probability and Statistics	3
CBIO/CCHE/CPHY*	Science III	3	CXXX	AREA A,B,C D	3
CBIO/CCHE/CPHY*	Science III Lab	1	CCIS 329	Rich Internet Applications	3
CCIS 374	Database Systems	3	CCIS 371	Computer Algorithms	3
CCIS 375	Artificial Intelligence	3	CCIS 372	Computer Architecture	3
CCIS 321	Software Engineering	3			
TOTAL		16	TOTAL		15
Senior Year					
Fall Semester			Spring Semester		
		Cr			Cr
CCIS 476	Programming Languages and Compilers	3	CCIS 473	Operating Systems	3
CCIS 431	Cybersecurity I	3	CCIS 493	Senior Design Project	3
CCIS XXX**	CIS Elective	3			
CXXX	Free Elective	3	CXXX	Free Elective	3
CXXX	Free Elective	3	CXXX	Free Elective	3
TOTAL		15	TOTAL		12

*Three (3) semesters of continuous science classes with labs are required either in Biology, Chemistry, or Physics.

**Computer Science Electives must be at the 400 level or higher.

Program of Study

Bachelor of Science Degree in Cybersecurity (122 Credits)

Program Description

The Bachelor of Science Degree in Cybersecurity focuses on integrating information technology solutions and business processes to meet the information needs of businesses and other enterprises, enabling them to achieve their objectives in an effective, efficient way. The program views technology as an instrument for generating, processing, and distributing information.

The program curricula emphasizes on information that computer systems can provide to aid an enterprise in defining and achieving its goals, and the processes that an enterprise can implement or improve using information technology. A wide range of courses including coursework in business are offered to prepare students to understand both technical factors and organizational principles and practices that can help them develop an organization's information and technology-enabled business processes.

Students in this program are involved in designing technology-based organizational communication and collaboration system enabling them to determine an organization's requirements for information systems specification, design, and implementation needed to support its operations.

Student Learning Outcomes

Graduates of the Cybersecurity program will be able to:

1. Apply knowledge of computing and mathematics appropriate to the discipline.
2. Analyze a Cybersecurity problem, and identify and define the computing requirements appropriate to its solution.
3. Design, implement, and evaluate a Cybersecurity system, process, component, or program to meet desired needs.
4. Function effectively in teams to accomplish a common goal.
5. Understand the ethical, legal, security and social issues and responsibilities of Cybersecurity professionals.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Computer and Information Systems must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

Requires a minimum of one hundred and twenty- five (122) semester hours, including sixty-three (63) in Computer and Information Systems. Two (2) semesters of science classes with laboratory are required either in Biological Science and Physical Science or Earth System Science. Students must complete all required Computer Science courses with a minimum final grade of "C".

Required Courses: 63 Credits

CCIS 101	Introduction to Computers (3)
CCIS 105	Programming Principles I (3)
CCIS 105L	Programming Principles I Lab (1)
CCIS 106	Programming Principles II (3)
CCIS 106L	Programming Principles II Lab (1)
CCIS 121	Introduction to Computer Systems (3)
CCIS 223	Data Structures (3)
CCIS 223L	Data Structures Lab I (1)
CCIS 227	Discrete Structures (3)
CCIS 321	Software Engineering (3)
CCIS 329	Rich Internet Applications (3)
CCIS 371	Introduction to Computer Algorithms (3)
CCIS 372	Introduction to Computer Architecture (3)

CCIS 374	Introduction to Database (3)
CCIS 375	Introduction to Artificial Intelligence (3)
CCIS 431	Information Security (Cybersecurity II) (3)
CCIS 473	Introduction to Operating Systems (3)
CCIS 476	Programming Languages & Compilers (3)
CCIS 493	Senior Design Project (3)
CCIS 4XX	Cybersecurity II (3)
CCIS 4XX	Cybersecurity Elective (3)
CCIS 4XX	Cybersecurity Elective (3)

Cognate Courses: 11 Credits

CMAT 111	Calculus I (4)
CMAT 112	Calculus II (4)
CMAT 214 or 311	Linear Algebra or Math Logic (3)

General Education Courses: 34 Credits

AREA A: Humanities/ Fine Arts: 6 credits

CPhi 105 Critical Thinking (3), or
 CREL 101 The Biblical Heritage (3), or
 CREL 103 African American Religious Experiences (3) *and*
 CHIS 201 U.S., Africa and the World History I (3), or
 CHIS 211 U.S History to 1865 (3)

AREA B: Social/ Behavioral Sciences: 6 Credits

CPSY 211 General Psychology (3) or
 CPSC 219 American Government and Politics (3) or
 CSCJ 215 Introduction to Sociology (3) or
 CSCJ 216 Introduction to Anthropology (3) or
 CSCJ 218 Contemporary Social Problems (3) or
 CSCJ 201 INTRODUCTION TO CRIMINAL JUSTICE

AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits

CBIO 101 Biological Science (3), AND
 CPHY 102 Physical Science (3),

AREA D: Communications: 9 credits

CENG 105 College Composition I (3) AND
 CENG 106 College Composition II (3) AND
 CSTA 101 Fundamentals of Speech (3)

AREA E: Financial/ Technological: 7 Credits

CCIS 253/L Scientific Computing for Sim. Ana. and Lab (4) AND
 CECO 107 (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I
 CGED 101 First-Year Seminar II

***Free Electives: 12 Credits**

***Note:** Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.

Plan of Study for Bachelor of Science Degree in Cybersecurity (122 Credits)

*(Students who are **not** prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)*

Freshman Year – 1st Semester	Freshman Year - 2nd Semester
CGED 100 First-Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
CCIS 101: Intro. Computing (3)	CCIS 106: Programming Principles II (3)
CCIS 105: Programming Principles I (3)	CCIS 106L: Programming Principles II Lab (1)
CCIS 105L: Programming Principles I Lab (1)	CCIS 121: Intro. to Computer Systems (3)
CMAT 111: Calculus I (4)	CMAT 112: Calculus II (4)
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CCIS 223: Data Structures (3)	CCIS 227: Discrete Structures (3)
CCIS 223L: Data Structures Lab (1)	CPHI 105: Critical Thinking or CREL 101/103 (3)
CMAT 214: Linear Algebra or CMAT 311: Math Logic (3)	CPSY 211: General Psychology (3)
CHIS 201/211: History Requirement (3)	CPHY 102 or 104: Physical Science (3) or Intro to Earth System Science (4)
CSTA 101: Fundamentals of Speech (3)	CCIS 253: Scientific Computing for Simu. Ana. (3)
CBIO 101: Biological Science (3)	CCIS 253L: Scientific Computing for Simu. Ana. Lab (1)
Junior Year 1st Semester	Junior Year - 2nd Semester
CCIS 474: Intro. Database Systems (3)	CCIS 471: Intro. Comp. Algorithms (3)
CCIS 321: Software Engineering (3)	CCIS 472: Intro. Comp. Architecture (3)
CCIS 475: Intro. to Artificial Intelligence (3)	CCIS 329: Rich Internet Applications (3)
CCIS 301: Advanced Programming (3)	CECO 107: Intro. to Economics (3)
Area B: Social/Behavioral Science (3)	Free Elective (3)
Senior Year - 1st Semester	Senior Year - 2nd Semester
CCIS 476: Prog. Lang. & Compilers (3)	CCIS 473: Intro. Operating Systems (3)
CCIS 431: Information Security (3)	CCIS 493: Senior Design Project (3)
CCIS 400+: C Elective (3)	CCIS 432: Cybersecurity II (3)
Free Elective (3)	CCIS 400+: Cybersecurity Elective (3)
Free Elective (3)	Free Elective (3)

Major Prerequisites for Cybersecurity

Course with Prerequisite	Required Prerequisite
CCIS 121 Intro to Computer Systems	CCIS 101 Intro to Computers
CCIS 106/L Programming Principles II and Lab	CCIS 105/L Programming Principles I and Lab
CCIS 223/L Data Structures and Lab	CCIS 106/L Programming Principles II and Lab
All CCIS course 300 and above	CCIS 223/L Data Structures and Lab
Additional Clarifications:	

General Education Courses for Cybersecurity

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may **“recommend”** Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 6 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input checked="" type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (6 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input checked="" type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input checked="" type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	

CSCJ 218 Contemporary Social Problems	<input checked="" type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input checked="" type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (6 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input checked="" type="checkbox"/>	REQ
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input checked="" type="checkbox"/>	REQ
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	

CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	
Area E. Financial / Technological (7)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and Lab	<input checked="" type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Cybersecurity

“Major”/department courses (required):	63 credit hours (Grade of C or higher required)
“Minor” related courses (required):	credit hours
Major/CGED “related” courses:	11 credit hours
General Education (required):	<u>34</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	12
Total Credit Hours <u>122</u>	

Program of Study

Accelerated Dual Degrees in Bachelor of Science and Master of Science in Computer Science (152 Credits)

Program Description

The Department of Computer and Information Science offers highly motivated undergraduate students with superior record options to earn both the bachelor's and the master's degrees in Computer Science in a five-year period. Students must complete a minimum of 152 credits (122 undergraduate and 30 graduate hours).

At the beginning of the junior year, students may apply and be admitted into the Five-Year Accelerated Dual-Degree Program. Accepted candidates into the program take six (6) credits of approved advanced graduate-level computer science courses during their fourth (senior) year while completing the undergraduate (major and general education) degree requirements. These will apply toward the minimum 30 credits required for the Master of Science in Computer Science. During the fifth year of study, students complete the remaining 24 credits of graduate-level courses; maintain the minimum GPA required in the graduate computer science major courses; complete the master's degree requirements at an accelerated rate of 12 graduate credit hours per semester instead of typical nine (9) credits; and satisfy the graduate residence requirement. Summer research may be required depending on the nature of the students' thesis research project.

Students receive both the undergraduate and the graduate degrees upon successful completion of the prescribed course of study and specified program requirements. Students must apply for candidacy for each degree at the times specified in the University catalogues for awarding of the Bachelor of Science and the Master of Science degrees. Students who do not finish the graduate portion of the degree program, for any reason, will be allowed to earn the bachelor's degree once the undergraduate degree requirements are satisfied.

Student Learning Outcomes

Graduates of the Accelerated Dual Degree in Bachelor of Science and Master of Science in Computer Science will be able to:

1. Have communication skills sufficient to gain employment in an industrial environment.
2. Identify and solve problems in computation and show capability in applying integrative algorithmic theories and data structures to solve them.
3. Apply theoretical knowledge of computer science to determine state of the art performance in the areas of networking, information storage in databases, and human-computer-interface.
4. Perform independent research in the field of Computer Science.
5. Assess the hardware and software aspects of computer systems that support application software development.
6. Collaboratively develop software in groups.

Admissions Requirements:

Applicants to the Bachelor of Science Degree in Computer Science and Master's of Computer Science must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements:

This program consists of a minimum of 152 credit hours of coursework (a minimum of 122 undergraduate and a minimum of 30 graduate credit hours). Students must satisfy all undergraduate general education, requisite cognate and major courses required (122 credits) for the Bachelor's Degree in Computer Science including three (3) semesters of continuous science classes with laboratory either in Biology, Chemistry, or Physics. Students must maintain a minimum final grade of "C" in all required Computer Science courses and complete the Senior Design Project capstone course leading to submission and presentation of an acceptable technical report. The 30 credit hours

of graduate level coursework include completing and successfully presenting an acceptable research project.

The maximum credit hour load for undergraduate study shall be in effect through the fourth year of study during which students begin to pursue advanced graduate coursework and research while completing undergraduate degree requirements. During the fifth year, students are engaged in graduate study exclusively. Summer research opportunities are provided and may be required depending on the nature of the students' research project.

Admission and Continuation:

- Academic progress is monitored continuously
- Students must maintain a cumulative "B" or better average
- At the beginning of the second semester of the third (junior) year, students must apply for admission to the graduate program
- Students must be admitted into the accelerated program at the beginning of the fourth (senior) year
- Graduate admission may be provided upon recommendation of the department chair and approval of the School Dean
- During the fifth year, students must satisfy the graduate residence requirement

Clearance for Graduation:

- Students must apply for candidacy for each degree at the times specified in the University catalogues
- Upon completion of the prescribed course of study, students receive two degrees – the Bachelor of Science and the Master of Science

Failure to Complete Graduate Requirements:

At any point during the students' participation in this program, they may elect, or be required because of academic performance, to pursue the traditional four-year bachelor's degree program. In such cases the bachelor's degree may be awarded once the undergraduate degree requirements are satisfied.

Required Undergraduate Courses: 57 Credits

CCIS 101	Introduction to Computers (3)
CCIS 105	Programming Principles I (3)
CCIS 105L	Programming Principles I Lab (1)
CCIS 106	Programming Principles II (3)
CCIS 106L	Programming Principles II Lab (1)
CCIS 121	Introduction to Computer Systems (3)
CCIS 223	Data Structures (3)
CCIS 223L	Data Structures Lab I (1)
CCIS 227	Discrete Structures (3)
CCIS 321	Software Engineering (3)
CCIS 329	Rich Internet Applications (3)
CCIS 371	Introduction to Computer Algorithms (3)
CCIS 372	Introduction to Computer Architecture (3)
CCIS 374	Introduction to Database (3)
CCIS 375	Introduction to Artificial Intelligence (3)
CCIS 431	Information Security (3)
CCIS 473	Intro. Operating Systems (3)
CCIS 476	Programming Languages & Compilers (3)
CCIS 493	Senior Design Project (3)
CCIS 400+	CIS Elective (3)

Cognate Courses: 18 Credits

CMAT 321	Probability and Statistics (3)
CMAT 214 or 311	Linear Algebra or Math Logic (3)
CCBIO/CCHE/CPHY	Science I (3)
CCBIO/CCHE/CPHY	Science I Lab (1)
CCBIO/CCHE/CPHY	Science II (3)
CCBIO/CCHE/CPHY	Science II Lab (1)
CCBIO/CCHE/CPHY	Science III (3)
CCBIO/CCHE/CPHY	Science III Lab (1)

General Education Courses: 33 Credits

AREA A: Humanities/ Fine Arts: 6 credits

CPHI 105 Critical Thinking (3), or

CREL 101 The Biblical Heritage (3), or

CREL 103 African-American Religious Experience (3),

AND

CHIS 201 U.S., Africa and the World History I (3), or

CHIS 211 U.S History to 1865 (3)

AREA B: Social/ Behavioral Sciences: 3 Credits

CPSY 211 General Psychology (3) or

CPSC 219 American Government and Politics (3) or

CSCJ 215 Introduction to Sociology (3) or

CSCJ 216 Introduction to Anthropology (3) or

CSCJ 218 Contemporary Social Problems (3) or

CSCJ 201 INTRODUCTION TO CRIMINAL JUSTICE

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

CMAT 111 Calculus I (4), AND

CMAT 112 Calculus II (4)

AREA D: Communications: 9 credits

CENG 105 College Composition I (3), AND

CENG 106 College Composition II (3), AND

CSTA 101 Fundamentals of Speech (3)

AREA E: Financial/ Technological: 7 Credits

CCIS 253/L Scientific Computing for Sim. Ana. and Lab (4) and

CECO 107 Introduction to Economics (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

***Free Electives: 12 Credits**

***Note:** Free Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

Required Graduate Courses: 15 Credits

CCIS 671 Algorithm Design & Analysis (3)

CCIS 672 Computer Organization (3)

CCIS 673 Operating Systems (3)

CCIS 674 Database Design (3)

CCIS 805/815 Computer Science Research (3)

Graduate Electives: 15 Credits

****Note:** Graduate Electives must be at the 500 level or higher.

PLAN OF STUDY

The following suggested plan of study is to illustrate how required and elective courses can be arranged for students pursuing the Accelerated Dual Degree in Computer Science.

Plan of Study for Accelerated Dual Degrees in Bachelor of Science and Master of Science in Computer Science (152 Credits: 122UG/30GD)

(Students who are **not** prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 101	Computer Applications	3	CENG 106	College Composition II	3
CENG 105	College Composition I	3	CGED 101	First-Year Seminar II	1
CGED 100	First-Year Seminar I	1	CMAT 112	Calculus II	4
CMAT 111	Calculus I	4	CCIS 106	Programming Principles II	3
CCIS 105	Programming Principles I	1	CCIS 106L	Programming Principles II Lab	1
CCIS 105L	Programming Principles I Lab	3	CCIS 121	Introduction to Computer Systems	3
		TOTAL		TOTAL	15
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
CBIO/CCHE/CPHY*	Science I	3	CBIO/CCHE/CPHY*	Science II	3
CBIO/CCHE/CPHY*	Science I Lab	1	CBIO/CCHE/CPHY*	Science II Lab	1
CXXX	Area A,B,C,D	3	CXXX	Area A,B,C,D	3
CXXX	Area A,B,C,D	3	CCIS 253/L	Scientific Computing for Sim. Ana. and Lab	4
CCIS 223	Data Structures	3	CCIS 227	Discrete Structures	3
CCIS 223L	Data Structures Lab	1		Area A,B,C,D	3
CMAT 214/311	Linear Algebra or Math Logic	3			
		TOTAL		TOTAL	17
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 229	Website Design	3	CXXX	Area A,B,C,D	3
CBIO/CCHE/CPHY*	Science III	3	CCIS 329	Rich Internet Applications	3
CBIO/CCHE/CPHY*	Science III Lab	1	CCIS 371	Intro. to Computer Algorithms	3
CCIS 374	Intro. to Database Systems	3	CCIS 372	Intro. to Computer Architecture	3
CCIS 375	Intro. to Artificial Intelligence	3	CMAT 321	Probability Statistics	3
CCIS 321	Software Engineering	3			
		TOTAL		TOTAL	15
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 431	Cybersecurity I	3	CCIS 473	Operating Systems	3
CCIS 476	Programming Languages and Compilers	3	CCIS 493	Senior Design Project	3
CCIS 400**	CIS Elective	3			
CXXX	Free Elective	3	CXXX	Free Elective	3
CXXX	Free Elective	3	CXXX	Free Elective	3
CCIS 671	Algorithms Design and Analysis	3	CCIS 674	Database Design	3
		TOTAL		TOTAL	15
Fifth Year					
	Fall Semester	Cr		Spring Semester	Cr
CCIS 672	Computer Organization	3	CCIS 500***	CIS Elective	3
CCIS 673	Operating Systems	3	CCIS 500***	CIS Elective	3
CCIS 500***	CIS Elective	3	CCIS 500***	CIS Elective	3
CCIS 500***	CIS Elective	3	CCIS 805	Research/Design Project	3
		TOTAL		TOTAL	12
*Three (3) semesters of continuous science classes with lab either in Biology, Chemistry, or Physics.					
**Computer Science Electives must be at the 400 level or higher.					
***Computer Science Electives must be at the 500 level or higher.					

Department of Mathematical Sciences
McPheeters-Dennis Hall, Room 139
Telephone: (404) 880-8199

Dr. Sandra Rucker
Chair
srucker@cau.edu

The mission of the Department of Mathematical Sciences is to teach students to think logically, quantitatively, and critically through rigorous drilling in mathematical proofs, problem solving activities, and mathematical modeling of complex phenomena.

The vision of the Department of Mathematical Sciences is to be a major force in producing competitive scholars and recognized professionals in mathematics and mathematics-related areas by equipping them with strong theoretical and research mathematics content using up-to-date technologies and forging collaborations with other mathematics-related disciplines.

The Department of Mathematical Sciences offers programs to prepare students for various career opportunities in industry, government, and education as well as graduate study in mathematics. The program is appropriate for students interested in interdisciplinary graduate training in the sciences and engineering. The faculty of the Department of Mathematical Sciences awards the J.J. Dennis Endowed Scholarship to qualified, distinguished juniors and seniors majoring in mathematics. The scholarship recipients must maintain a minimum cumulative grade point average of 3.0, with a minimum cumulative grade point average of 3.25 in mathematics courses.

Programs of Study

1. Bachelor of Science Degree in Mathematics (122 total credit hours)
2. Accelerated Dual Degrees in Bachelor of Science and Master of Science in Mathematics (152 credit hours)
3. Minor in mathematics (18 Math credit hours)

Bachelor of Science Degree in Mathematics (122 Credits)

Program Description

The Bachelor of Science Degree in Mathematics is a rigorous mathematics program designed to prepare students for successful graduate study in mathematics and mathematically related areas, or for a successful career in private industry, government, and education domains.

Student Learning Outcomes

Upon completion of the BS Mathematics program, students should be able to:

1. Recognize that mathematics is an art and a powerful language of the sciences with limitless applications.
2. Effectively communicate mathematical research results in both written and oral forms to scientific and general audiences.
3. Demonstrate a high level of competency in mathematical proofs and mathematical modeling of complex phenomena.
4. Demonstrate a high level of proficiency in computing skills using standard mathematical software and other advanced technologies to model and communicate quantitative concepts.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Mathematics must meet the General Admissions Requirements as published in this Catalog.

Special Requirement for Mathematics Majors

Undergraduate Mathematics Majors are required to take a departmental exit exam in the second semester of their senior year. Data from this exam is used for program review and advising.

Degree Requirements

In addition to the General Degree Requirements published in this Catalog, students pursuing the Bachelor of Science Degree in Mathematics must earn a minimum final grade of "C" in all required and elective mathematics courses (total 60 credit hours), in the General Education areas in the categories of A, B, C, D and E (total 36 credit hours) and Elective courses (Free electives: 6 credit hours, Minor or elective courses: 18 credit hours). A total of 122 credit hours are required to graduate with a BS degree in Mathematics including University required Seminars. Students must satisfy the following required credits listed under different categories:

Required Mathematics Courses: 48 Credits

CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)
CMAT 212 Differential Equations (3)
CMAT 214 Linear Algebra (3)
CMAT 311 Mathematical Logic (3)
CMAT 321 Mathematical Probability and Statistics I (3)
CMAT 322 Mathematical Probability and Statistics II (3)
CMAT 325 Modern Algebra I (3)
CMAT 421 Advanced Calculus I (3)
CMAT 422 Advanced Calculus II (3)
CMAT 423 Introduction to Complex Variables I (3)
CMAT 427 Introduction to Topology I (3)
CMAT 475 Seminar I (3)
CMAT 476 Seminar II (3)

Math Electives: 12 Credits

CMAT 443 Introduction to Operations Research (3), or
CMAT 440 Numerical analysis (3), or
CMAT 471 Discrete Mathematics (3), and
CMAT 106 Pre-Calculus II, CMAT 107, or CMAT 204
CMAT XXX Elective (200 level or higher) (3)
CMAT XXX Elective (300 or 400 level) (3)

Other University Requirements: 2 credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

General Education Courses: 36 credits

AREA A: Humanities/Fine Arts: 6 credits

Students choose any 2 of the following.

CHIS 201 U.S. Africa & the World History I CHUM 228 Early Period: 1500-1914 (3)
CHIS 202 The United States, Africa and World War II (3)
CHIS 211 History of the United States before 1865 (3)
CHIS 212 History of the United States since 1865 (3)
CART 150 Art Appreciation (3)
CHUM 230 Modern Period: World War I-Present (3)
CMUS 119 World Music (3)
CMUS 120 Music Appreciation (3)
CSTA 252 Theatre Appreciation (3)

CPHIL 105 Critical Thinking (3)
CPHI 221 Introduction to Philosophy (3)
CPHI 241 Philosophy of Religion (3)
CREL 101 Biblical Heritage (3)
CREL 103 African American Religious Experience I (3)
CREL 104 African American Religious Experience II (3)
CREL 250 Comparative Religions (3)

AREA B: Social/Behavioral Sciences: 6 Credits

Students choose any 2 of the following.

CPSC 219 American Government and Politics
CPSY 211 General Psychology
CPSY 218 Human Growth and Development
CSCJ 215 Introduction to Sociology
CSCJ 216 Introduction to Anthropology
CSCJ 218 Contemporary Social Problems

AREA C: Natural Science/Mathematics/Statistics: 8 Credits

Students choose any 2 of the following.

CBIO 111 General Biology I with lab
CBIO 112 General Biology II with lab
CCHE 111 General Chemistry I with lab
CCHE 112 General Chemistry II with lab
CPHY 121 Mechanics with lab
CPHY 122 Elect. & Magnet with lab
CPHY 123 Optics & Modern Physics (4)

AREA D: Communication: 9 Credits

CENG 105 College Composition I (3), and
CENG 106 College Composition II (3)
CENG 201 World Literatures I, or
CENG 202 World Literatures II, or
CFLX 101 Elementary Foreign Language I, or
CFLX 102 Elementary Foreign language II, or
CFLX 201 Intermediate I, or
CFLX 202 Intermediate II

AREA E: Financial/Technological: 7 Credits

CCIS 105 Programming Principles I with lab (4), and

Students choose 1 of the following:

CCIS 101 Introduction to Computing
CCIS 253 Science Computing and Visualization
CCIS 105 Programming Principles I
CCIS 106 Programming Principles II
CCIS 121 Introduction to Computer Systems
CECO 107 Introductions to Economics
CECO 251 Principles of Microeconomics
CPHI 262: Science, Tech and Human Values
CEDC 262 Educational Technologies

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

Free Electives: 6 Credits

Any number of courses in Area A, Area B, Area C, Area D, or Mathematics courses which the student has not taken as a required Mathematics elective or general course can be a free elective. Courses that are not listed in areas of A, B, C, D or E may also qualify as free elective courses, but for such courses, the student is required to get approval from his/her departmental advisor.

Minor Electives: 18 Credits

Electives should be chosen in consultation with the advisor depending on the choice of minor.

***Plan of Study for Bachelor of Science Degree in Mathematics
(122 Credits)***

*Electives should be chosen in consultation with the advisor depending on the choice of minor.

Freshman Year – 1st Semester	Freshman Year - 2nd Semester
CGED 100 First-Year Seminar I	CGED 101 First-Year Seminar II
Area D: CENG 105 College Composition I	Area D: CENG 106 College Composition II
Area A: Humanities/Fine Art (see list)	Area A: Humanities/Fine Arts
CMAT 106 Pre-calculus II, CMAT 107 or CMAT 204	CMAT 111: Calculus I
Area B: Social/Behavioral Sciences (see list)	Free Elective
Area E: Financial/ technological (see list)	CXXX Minor elective
Sophomore Year 1st Semester	Sophomore Year - 2nd Semester
CMAT 112 Calculus II	CMAT 212 Differential Equations
CMAT 214 Linear Algebra	CMAT 211 Calculus III
Area C: Natural Science	Area E: CCIS 105 Programming Principles I and Lab
CMAT XXX Math Elective (200 or Higher)	CMAT 311 Mathematical Logic
CXXX: Minor elective	CXXX Minor Elective
Junior Year 1st Semester	Junior Year - 2nd Semester
Area D. Communication	CMAT 322 Mathematical Probability and Statistics II
CXXX Minor Elective	CMAT 422 Advanced Calculus II
CMAT 321 Mathematical Probability and Statistics I	Area C: Natural Science
CMAT 325 Modern Algebra I	Area B: Social/ Behavioral Sciences
CMAT 421 Advanced Calculus I	Free elective
Senior Year - 1st Semester	Senior Year - 2nd Semester
CXXX Minor Elective	Free Elective
CMAT 423 Introduction to Complex Variables I	CMAT XXX Math elective (300 or 400 level)
CMAT 427 Introduction to Topology I	CMAT 443 Introduction to Operations Research or CMAT 440 Numerical Analysis or CMAT 471 Discrete Mathematical Structures
CMAT 475 Seminar I	CMAT 476 Seminar II

Major Prerequisites for B.S. Mathematics

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
CMAT 112 Calculus II	CMAT 111 Calculus I
CMAT 211 Calculus III	CMAT 112 Calculus II
CMAT 212 Differential Equations	CMAT 112 Calculus II
CMAT 311 Mathematical Logic	CMAT 111 Calculus I
CMAT 321 Mathematical Probability & Statistics I	CMAT 112 Calculus II
CMAT 322 Mathematical Probability & Statistics II	CMAT 321 Mathematical Prob. & Statistics I
CMAT 326 Modern Algebra II	CMAT 325 Modern Algebra I
CMAT 421 Advanced Calculus I	CMAT 211 Calculus III, CMAT 311 Mathematical Logic
CMAT 422 Advanced Calculus II	CMAT 421 Advanced Calculus I
CMAT 423 Intro. to Complex Variables I	CMAT 211 Calculus III
CMAT 424 Intro. to Complex Variables II	CMAT 423 Intro. to Complex Variables I
CMAT 427 Intro. to Topology I	CMAT 211 Calculus III, CMAT 311 Mathematical Logic
CMAT 428 Intro. to Topology II	CMAT 427 Intro. to Topology I
CMAT 471 Discrete Mathematical Structures	CMAT 111
CMAT 475 Seminar I	Departmental Approval
CMAT 476 Seminar II	Departmental Approval
CMAT 480 Independent Study	Departmental Approval
Additional Clarifications:	

Minor in Mathematics

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CMAT 111 Calculus I (4)	4
CMAT 112 Calculus II (4)	4
CMAT 211 Calculus III (4)	4
Choose two of three Electives:	
CMAT 212: Differential Equations	3
CMAT 214: Linear Algebra	3
CMAT 321: Probability and Statistics I	3
Total Credit Hours	18
Additional Clarifications:	

General Education Courses for B.S. Mathematics

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may **“recommend”** Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input checked="" type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input checked="" type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input checked="" type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input checked="" type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input checked="" type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input checked="" type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input checked="" type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input checked="" type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input checked="" type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input checked="" type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input checked="" type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	

CSCJ 218 Contemporary Social Problems	<input checked="" type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input checked="" type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input checked="" type="checkbox"/>	
CBIO 112 General Biology II	<input checked="" type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input checked="" type="checkbox"/>	
CCHE 112 General Chemistry II	<input checked="" type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input checked="" type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input checked="" type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input checked="" type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	REQ
CENG 106 College Composition II	<input checked="" type="checkbox"/>	REQ
CENG 201 World Literature I	<input checked="" type="checkbox"/>	
CENG 202 World Literature II	<input checked="" type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input checked="" type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input checked="" type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	

CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input checked="" type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 106 Programming Principles II	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input checked="" type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input checked="" type="checkbox"/>	REQ
CCIS 106 Programming Principles II	<input checked="" type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input checked="" type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	
CECO 250 Principles of Economics	<input checked="" type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for B.S. Mathematics

“Major”/department courses (required):	60 credit hours (Grade of C or higher required)
“Minor” related courses:	<u>18</u> credit hours
Major/CGED “related” courses:	0 credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	6
Total Credit Hours <u>122</u>	

Program of Study:

Accelerated Dual Degrees in Bachelor of Science and Master of Science in Mathematics (152 Credits)

Program Description

The Accelerated Dual Degrees in Bachelor of Science and Master of Science in Mathematics program prepare students to have high levels of proficiency in mathematics content to help them advance to a Ph.D. program in mathematics or mathematics-related fields or to qualify for careers in industry, government, and education.

Student Learning Outcomes

Upon completion of the Accelerated Dual Degrees in Bachelor of Science and Master of Science in Mathematics Program a student should be able to:

1. Demonstrate a high level of competency in mathematical reasoning and mathematical modeling of complex phenomena in many fields of science.
2. Demonstrate a high level of proficiency in conducting mathematical research and presenting findings, in both written and oral forms, to scientific and general audiences.
3. Demonstrate a high level of competency in constructing proofs of major theoretical results in the field of mathematics.
4. Demonstrate a high level of proficiency in computing skills and mathematical approximations using standard mathematical software and other advanced technologies.

Admissions Requirements

Applicants must meet the General Admissions Requirements of Clark Atlanta University as published in the Undergraduate and Graduate Catalogs. At the beginning of the second semester of the third year of study, students in the Bachelor of Science degree in Mathematics may apply for admission to the BS/MS program. The student must have a minimum grade point average of 3.0 and must also satisfy the General Graduate Program Admission requirements. If the student is accepted for the BS/MS program, then he/she may begin graduate course work during his/her fourth year of study while completing the undergraduate BS degree requirements. During the fifth year of study, students engage exclusively in graduate study. Students have the choice of two concentration tracks: Pure

Mathematics concentration or Applied Mathematics concentration. Summer research activities may be available or required depending on the student's choice of research area and the availability of the faculty willing to work on the topic.

Degree Requirements

Students in the *Accelerated Dual Degrees in Bachelor of Science and Master of Science in Mathematics* Program should successfully complete all the requirements of the Bachelor of Science degree with a total of 122 credit hours and the Master of Science in Mathematics requirement of 30 credit hours of graduate work. Students have the option of defending an acceptable thesis or completing elective graduate coursework. Elective courses for the undergraduate degree include Free Electives (6 credit hours) and Minor Electives (18 credit hours).

Students must maintain a minimum cumulative grade point average of 3.0 to continue in the program. At any point during matriculation in this program, students may opt to pursue only the traditional Bachelor of Science Degree in Mathematics.

For Accelerated Dual Degrees in Bachelor of Science and Master of Science in Mathematics, students must satisfy the Bachelor of Science of Mathematics requirements plus Graduate requirements:

Undergraduate Requirements (122 credits)

Required Mathematics Courses: 48 Credits

CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)
CMAT 212 Differential Equations (3)
CMAT 214 Linear Algebra (3)
CMAT 311 Mathematical Logic (3)
CMAT 321 Mathematical Probability and Statistics I (3)
CMAT 322 Mathematical Probability and Statistics II (3)
CMAT 325 Modern Algebra I (3)
CMAT 421 Advanced Calculus I (3)
CMAT 422 Advanced Calculus II (3)
CMAT 423 Introduction to Complex Variables I (3)
CMAT 427 Introduction to Topology I (3)
CMAT 475 Seminar I (3)
CMAT 476 Seminar II (3)

Mathematics Electives: 12 Credits

CMAT 443 Introduction to Operations Research (3), or
CMAT 440: Numerical Analysis (3), or
CMAT 471: Discrete Mathematics (3) and
CMAT 106: Pre-Calculus II (3), CMAT 107 or CMAT 204
CMAT XXX, Elective (200 level or higher) (3)
CMAT XXX, Elective (300 or 400 level) (3)

University Required Courses: 2 credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

General Education Courses: 36 credits

AREA A: Humanities/Fine Arts: 6 credits

Students choose any 2 of the following.

CHIS 201 U.S. Africa & the World History I CHUM 228 Early Period: 1500-1914 (3)

CHIS 202 The United States, Africa and World War II (3)
CHIS 211 History of the United States before 1865 (3)
CHIS 212 History of the United States since 1865 (3)
CART 150 Art Appreciation (3)
CHUM 230: Modern Period: World War I-Present (3)
CMUS 119 World Music (3)
CMUS 120 Music Appreciation (3)
CSTA 252 Theatre Appreciation (3)
CPHIL 105 Critical Thinking (3)
CPHI 221: Introduction to Phil (3)
CPHI 241 Philosophy of Religion (3)
CREL 101 Biblical Heritage (3)
CREL 103 African American Religious Experience I (3)
CREL 104 African American Religious Experience II (3)
CREL 250 Comparative Religions (3)

AREA B: Social/Behavioral Sciences: 6 Credits

Students chose any 2 of the following.

CPSC 219 American Government and Politics (3)
CPSY 211 General Psychologies (3)
CPSY 218 Human Growth and Development (3)
CSCJ 215 introduction to Sociology (3)
CSCJ 216 Introductions to Anthropology (3)
CSCJ 218 Contemporary Social Problems (3)

AREA C: Natural Science/Mathematics/Statistics: 8 Credits

CBIO 111 General Biology I and with lab (4), or
CBIO 112 General Biology II and with lab (4)
CCHE 111 General Chemistry I with lab (4)
CCHE 112 General Chemistry II with lab (4)
CPHY 121 Mechanics with lab (4) or
CPHY 122 Elect. & Magnet with lab (4)
CPHY 123 Optics & Modern Physics (4)

AREA D: Communication: 9 Credits

CENG 105: College Composition I (3), and
CENG 106: College Composition II (3), or
CENG 201 World Literatures I (3), or
CENG 202 World Literatures II (3), or
CFLX 101: Elementary Foreign Language I (3), or
CFLX 102: Elementary Foreign language II (3), or
CFLX 201 Intermediate I (3), or
CFLX 202 Intermediate II (3)

AREA E: Financial/Technological: 7 Credits

CCIS 105 Programming Principles I with lab (4), and

Students choose 1 of the following:

CCIS 100: Information Technology and Computer Applications (3), or
CCIS 101: Introduction to Computing (3), or
CCIS 106: Programming Principles II or
CCIS 253: Science Computing and Visualization (3), or
CCIS 121: Introduction to Computer Systems (3), or

CECO 107: Introductions to Economics (3), or
CECO 251: Principles of Microeconomics (3), or
CPHI 262: Science, Tech and Human Values (3), or
CEDC 262: Educational Technologies (3)

Free Electives: 6 credits

Any number of courses in Area A, Area B, Area C, Area D, or Mathematics courses which the student has not taken as a required Mathematics elective or general course can be a free elective. Courses that are not listed in areas of A, B, C, D or E may also qualify as a free elective course, but for such courses, the student is required to get the approval of the departmental advisor.

Minor Electives: 18 Credits

Electives should be chosen in consultation with the advisor depending on the choice of minor.

Required Graduate Courses: 30 Credits

Pure Mathematics Concentration:

CMAT 521 Real Analysis I (3)
CMAT 522 Real Analysis II (3)
CMAT 523 Complex Variables I (3)
CMAT 524 Complex Variables II (3)
CMAT 525 Abstract Algebra I (3)
CMAT 526 Abstract Algebra II (3)
CMAT 527 Topology (3)
CMAT XXX Graduate Mathematics Elective (3)
CMAT 675 Thesis Research **or** CMAT XXX, Graduate Elective (3)
CMAT 676 Thesis Research **or** CMAT XXX, Graduate Elective (3)

Applied Mathematics Concentration:

CMAT 521 Real Analysis I (3)
CMAT 522 Real Analysis II (3)
CMAT 523 Complex Variables I (3)
CMAT 524 Complex Variables II (3)
CMAT 527 Topology (3)
CMAT 541 Applied Mathematics I (3)
CMAT 542 Applied Mathematics II (3)
CMAT XXX Graduate Mathematics Elective (3)
CMAT 675 Thesis Research **or** CMAT XXX, Graduate Elective (3)
CMAT 676 Thesis Research **or** CMAT XXX, Graduate Elective (3)

**Plan of Study for Accelerated Dual Degree in B.S. and M.S. in Mathematics
(152 Credits)**

FRESHMAN YEAR			
FALL SEMESTER: 16 hrs.	CR	SPRING SEMESTER: 17hrs.	CR
Area D: CENG 105 College Composition I	3	Area D: CENG 106 College Composition II	3
CGED 100 First-Year Seminar I	1	CGED 101 First-Year Seminar II	1
Area A: Humanities/Fine Arts (see list)	3	Area A: Humanities/Fine Arts	3
CMAT 106 Pre-calculus II, CMAT 107 or CMAT 204	3	CMAT 111: Calculus I	4
Area B: Social/Behavioral Sciences (see list)	3	Free Elective	3
Area E: Financial/ technological (see list)	3	CXXX Minor Elective	3
SOPHOMORE YEAR			
FALL SEMESTER: 17 hrs.	CR	SPRING SEMESTER: 17hrs.	CR
CMAT 112 Calculus II	4	CMAT 212 Differential Equations	3
CMAT 214 Linear Algebra	3	CMAT 211 Calculus III	4
Area C: Natural Science	4	Area E: CCIS 105 Programming Principles I and Lab	4
CMAT XXX Math Elective (200 or Higher)	3	CMAT 311 Mathematical Logic	3
CXXX Minor Elective	3	CXXX Minor Elective	3
JUNIOR YEAR			
FALL SEMESTER: 15 hrs	CR	SPRING SEMESTER: 16 hrs.	CR
Area D. Communication	3	CMAT 322 Mathematical Probability and Statistics II	3
CXXX Minor Elective	3	CMAT 422 Advanced Calculus II	3
CMAT 321 Mathematical Probability and Statistics I	3	Area C: Natural Science -	4
CMAT 325 Modern Algebra I	3	Area B: Social/Behavioral Sciences (see list)	3
CMAT 421 Advanced Calculus I	3	CXXX Minor Elective	3
SENIOR YEAR			
FALL SEMESTER: 12 hrs	CR	SPRING SEMESTER: 12hrs.	CR
CXXX Minor Elective	3	Free Elective	3
CMAT 423 Introduction to Complex Variables I	3	CMAT XXX Math elective (300 or 400 level)	3
CMAT 427 Introduction to Topology I	3	CMAT 443 Introduction to Operations Research or CMAT 440 Numerical Analysis or CMAT 471 Discrete Mathematical Structures	3
CMAT 475 Seminar I	3	CMAT 476 Seminar II	3
Fifth Year-Pure Mathematics Concentration			
Fifth Year - Fall Semester 15 hrs.	CR	Second Semester: 15 hrs.	CR
CMAT 521 Real Analysis I	3	CMAT 522 Real Analysis II	3
CMAT 523 Complex Variables I	3	CMAT 524 Complex Variables II	3
CMAT 525 Abstract Algebra I	3	CMAT 526 Abstract Algebra II	3
CMAT 527 Topology I	3	Mathematics Elective (500 or 600 level)	3
CMAT 675 Thesis Research or Graduate Mathematics Elective (500 or 600 level)	3	CMAT 676 Thesis Research or Graduate Mathematics Elective (500 or 600 level)	3
Fifth Year-Applied Mathematics Concentration			
Fifth Year - Fall Semester 15 hrs.		Second Semester: 15 hrs.	
CMAT 521 Real Analysis I	3	CMAT 522 Real Analysis II	3
CMAT 523 Complex Variables I	3	CMAT 524 Complex Variables II	3
CMAT 541 Applied Mathematics I	3	CMAT 542 Applied Mathematics II	3
CMAT 527 Topology I	3	Mathematics Elective (500 or 600 level)	3
CMAT 675 Thesis Research or Graduate Elective (500 or 600 level)	3	CMAT 676 Thesis Research or Graduate Elective (500 or 600 level)	3

**Program of Study:
Minor in Mathematics (18 Credits)**

Program Description

The Minor in Mathematics is for students who are majors in other areas and are interested in acquiring sufficient knowledge of principals and concepts of Mathematics to apply in their major

fields. The Minor in Mathematics requires eighteen (18) credit hours in Mathematics, and these courses provide enough tools and skills to solve practical scientific problems in any field of choice.

Student Learning Outcomes

Upon completion of the Minor in Mathematics, the student should be able to:

1. Demonstrate a high level of competency in applying mathematical concepts and language to the field of science the student is majoring in.
2. Demonstrate a high level of proficiency in applying mathematical modeling to complex phenomena in the field of science the student is majoring in.
3. Demonstrate high level of proficiency in computing skills using standard mathematical software and applying the skill to the field of science the student is majoring in.

Required Courses: 12 Credits

CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)

Electives: 6 Credits

Students have to take at least two of the following three courses.

CMAT 212: Differential Equations (3)
CMAT 214: Linear Algebra (3)
CMAT 321: Probability and Statistics I (3)

Special Considerations

The Department of Mathematical Sciences encourages and advises undergraduate students majoring in Mathematics to choose a minor field in other “STEM” or Business areas by streamlining their choices in the General Education and Free Elective courses so that they satisfy the requirements of the program (usually 18 credit Hours) the student may choose to minor in. In particular, the Department of Mathematics encourages students to choose their minors in Physics, Chemistry, Biology or Computer Science by streamlining their choices of General Education Courses in the areas of C and E.

Placement Examination

Upon entrance to Clark Atlanta University, students may be required to take the College Placement Exam. Based on performance on the placement exam, students will be assigned to appropriate courses, such as CMAT 104, CMAT 105, CMAT 106, CMAT 107, CMAT 109, CMAT 110, and CMAT 111. Exemptions may be given to students if their AP score in the given Mathematics course is a 3 or above.

Department of Physics
McPheeters-Dennis Hall, Room 102
Telephone: (404) 880-8797

Dr. Michael Williams
(Interim Chair)
mdwms@cau.edu

The mission of the Department of Physics is to prepare students in the theories and experimentation of physical, computational, and mathematical sciences through hands-on training and skill-building opportunities for careers in research and technology and entry into advanced degree programs.

The vision of the Department of Physics is to be a recognized force in the Physics community worldwide by training a diverse body of students through an innovative and research-oriented environment to become competent professionals in Physical Sciences and related technological areas.

Program Description

The Department of Physics provides instruction and practice to prepare students for graduate work, teaching, research in the fields of fundamental and applied physics, and practice in branches of engineering. The flexibility of the curriculum allows students to prepare for careers in biophysics, health physics, atmospheric sciences, space physics, technology-related workforce, and for teaching in sciences and mathematics. Individual projects provide ample opportunity for the development of initiative and skill. Through proper selection of elective courses, students may direct their training to fit their particular fields of interest.

Programs of Study

1. Bachelor of Science Degree in Physics (122 Credits)
2. Accelerated Dual Degrees in Bachelor of Science and Master of Science in Physics (153 Credits)
3. Minor in Physics (18 Credits)

Bachelor of Science Degree in Physics (122 Credits)

Program Description

The Bachelor of Science Degree in Physics curriculum is designed to provide students with an understanding of the principles governing the behavior of the physical universe and helps students develop an appreciation of the scientific method and its application to current technological and environmental problems. Courses emphasize the elements of scientific thinking and techniques as well as scientific knowledge.

Student Learning Outcomes

Graduates with a Bachelor of Science in Physics will be able to:

1. Solve calculus-based problems in mechanics, electromagnetism, and optics.
2. Perform various physics experiments to model fundamental principles in mechanics, electromagnetism, and optics.
3. Analyze and model physical systems by utilizing and constructing mathematical approximations and methods.
4. Effectively communicate concepts of related physics topics phenomena, analysis, and conclusions.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Physics must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Science Degree in Physics must complete all required and cognate courses with minimum final grades of "C".

Required Courses: 48 Credits

CPHY 121	Physics I: Mechanics (3)
CPHY 121L	Physics I: Mechanics Laboratory (1)
CPHY 122	Physics II: Electricity and Magnetism (3)
CPHY 122L	Physics II: Electricity and Magnetism Laboratory (1)
CPHY 123	Physics III: Optics and Modern Physics (3)
CPHY 123L	Physics III: Optics and Modern Physics Laboratory (1)
CPHY 211	Modern Physics (3)
CPHY 321	Mathematical Physics I (3)
CPHY 322	Mathematical Physics II (3)
CPHY 331	Classical Mechanics (3)
CPHY 332	Electromagnetic Theory (3)
CPHY 411	Thermodynamics and Statistical Mechanics (3)
CPHY 412	Introduction to Quantum Mechanics (3)
CPHY 421	Undergraduate Research I (3)
CPHY 422	Undergraduate Research II (3)
CPHY XXX	Physics Elective (3)
CPHY XXX	Physics Elective (3)
CPHY XXX	Physics Elective (3)

Note: Physics Electives must be at the 300-400 level.

Students choose 3 of the following.

CPHY 301	Co-Op Program (3)
CPHY 312	Optics (3)
CPHY 341	Advanced Laboratory (3)
CPHY 375	Instrumentation Electronics (3)
CPHY 441	Internship (3)
CPHY 442	Internship (3)
CPHY 450	Radiative Transfer and Passive Remote Sensing (3)

Cognate Courses: 21 Credits

CCIS 253	Scientific Computing and Visualization (3)
CMAT 111	Calculus I (4)
CMAT 112	Calculus II (4)
CMAT 211	Calculus III (4)
CMAT 212	Differential Equations (3)
CMAT 214	Linear Algebra (3)

General Education Courses: 36 Credits

AREA A: Humanities/ Fine Arts: 9 Credits

CPHI 105 Critical Thinking (3)

CHIS 201 U.S., Africa and the World History I (3) **or**

CHIS 211 History of the U.S. I (3)
CHIS 202 U.S., Africa and the World History II (3) **or**
CHIS 212 History of the U.S. II (3)
CREL 101 The Biblical Heritage (3)
CREL 103 African-American Religious Experiences I (3)
CART 150 Art Appreciation (3)
CMUS 120 Music Appreciation (3)
AREA B: Social/ Behavioral Sciences: 3 Credits
CPSY 211 General Psychology (3)
CSCJ 201 Introduction to Criminal Justice (3)
CSCJ 215 Introduction to Sociology (3)
CPSC 106 Politics and Global Issues (3)
AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits
CCHE 111 General Chemistry I (4)
CCHE 111 General Chemistry I Laboratory (0)
CCHE 111 General Chemistry I Recitation (0)
CCHE 112 General Chemistry II (4)
CCHE 112 General Chemistry II Laboratory (0)
CCHE 112 General Chemistry II Recitation (0)
AREA D: Communications: 9 Credits
CENG 105 College Composition I (3)
CENG 106 College Composition II (3)
CENG 201 Introduction to World Literature I (3) **or**
CENG 202 Introduction to World Literature II (3)
AREA E: Financial/ Technological: 7 Credits
CCIS 105 Programming Principles I (3) **and**
CCIS 105 Programming Principles I Laboratory (1)
CECO 107 Introduction to Economics (3)

***Free Electives: 15 Credits**

***Note: Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.**

Other University requirements: 2 Credits

CGED 100 First-Year Seminar I (1)

CGED 101 First-Year Seminar II (1)

Plan of Study for Bachelor of Science Degree in Physics (122 Credits)

*(Students who are **not** prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)*

Freshman Year – 1st Semester: 15 hrs.	Freshman Year - 2nd Semester: 16 hrs.
CGED 100 First-Year Seminar I (1)	CGED 101 First-Year Seminar II (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
Area A: CPHI 105 Critical Thinking (3)	Area E: CCIS 105 Programming Principles I (3) and CCIS 105 Programming Principles I Lab (1)
CMAT 111 Calculus I (4)	CMAT 112 Calculus II (4)
CPHY 121 Physics I: Mechanics (3)	CPHY 122 Physics II: Electricity and Magnetism (3)
CPHY 121L Physics I: Mechanics Lab (1)	CPHY 122L Physics II: Electricity and Magnetism Lab (1)
Sophomore Year 1st Semester: 15 hrs.	Sophomore Year - 2nd Semester: 16 hrs.
CCIS 253 Scientific Programming (3)	Area D: CENG 201 Intro. to World Lit. I (3) or CENG 202 Intro. to World Lit. II (3)
Area C: CCHE 111 General Chemistry I (4)	Area C: CCHE 112 General Chemistry II (4)
Area C: CCHE 111L General Chemistry I Lab (0)	Area C: CCHE 112L General Chemistry II Lab (0)
Area C: CCHE 111R General Chemistry I Rec (0)	Area C: CCHE 112R General Chemistry II Rec (0)
CMAT 211 Calculus III (4)	CMAT 212 Differential Equations (3)
CPHY 123 Physics III: Opts. & Mod. Phys. (3)	CPHY 211 Modern Physics (3)
CPHY 123L Physics III: Opts. & Mod. Phys. Lab (1)	Area B: CPSY 211 General Psychology (3)
Junior Year 1st Semester: 15 hrs.	Junior Year - 2nd Semester: 15 hrs.
Area A: CHIS 201 U.S., Africa, and the World History I (3) or CHIS 211 History of the U.S. I (3)	Area A: CHIS 202 U.S., Africa, and the World History II (3) or CHIS 212 History of the U.S. II (3)
CMAT 214 Linear Algebra (3)	CPHY 322 Mathematical Physics II (3)
CPHY 321 Mathematical Physics I (3)	CPHY 332 Electromagnetic Theory (3)
CPHY 331 Classical Mechanics (3)	Area E: CECO 107 Introduction to Economics (3)
Free Elective* (3)	Free Elective* (3)
Senior Year - 1st Semester: 15 hrs.	Senior Year - 2nd Semester: 15 hrs.
CPHY 411 Thermo. Dynamic. & Statis. Mech, (3)	CPHY 422 Undergraduate Research II (3)
CPHY 412 Intro. to Quantum Mech. (3)	CPHY XXX Physics Elective* (3)
CPHY 421 Undergraduate Research I (3)	CPHY XXX Physics Elective* (3)
CPHY XXX Physics Elective* (3)	Free Elective* (3)
Free Elective* (3)	Free Elective* (3)

Major Prerequisites for B. S. Degree in Physics

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
CPHY 121 and CPHY 121L Physics I: Mechanics and Lab	CMAT 111 Calculus I
CPHY 122 and CPHY 122L Physics II: Electricity and Magnet. and Lab	CMAT 112 Calculus II and CPHY 121 Physics II: Mech.
CPHY 123 and CPHY 123L Physics III: Opt. and Mod. Physics and Lab	CPHY 122 Physics II: Electricity and Magnetism
CPHY 211 Modern Physics	CPHY 123 Physics III: Optics and Modern Physics
CPHY 312 Optics	CPHY 123 Physics III: Optics and Modern Physics
CPHY 321 Mathematical Physics I	CPHY 123 Physics III: Optics and Modern Physics
CPHY 322 Mathematical Physics II	CPHY 321 Mathematical Physics I
CPHY 331 Classical Mechanics	CPHY 321 Mathematical Physics I
CPHY 332 Electromagnetic Theory	CPHY 322 Mathematical Physics II
CPHY 411 Thermodynamics and Statistical Mechanics	CPHY 321 Mathematical Physics I
CPHY 412 Introduction to Quantum Mechanics	CPHY 332 Electromagnetic Theory
Additional Clarifications:	

Minor Degree in Physics

All minors require a total of 18 semester credit hours from another School or Department.

Required Courses	Credit Hours
CPHY 121 Physics I: Mechanics	3
CPHY 121L Physics I: Mechanics Lab	1
CPHY 122 Physics II: Electricity and Magnetism	3
CPHY 122L Physics II: Electricity and Magnetism Lab	1
CPHY 123 Physics III: Optics and Modern Physics	3
CPHY 123L Physics III: Optics and Modern Physics Lab	1
Total Credit Hours: 12 Credits	
Additional Clarifications:	
Physics Electives	Credit Hours
CPHY 211 Modern Physics	3
CPHY 312 Optics	3
CPHY 321 Mathematical Physics I	3
CPHY 322 Mathematical Physics II	3
CPHY 331 Classical Mechanics	3
CPHY 332 Electromagnetic Theory	3
CPHY 411 Thermodynamics and Statistical Mechanics	3
CPHY 412 Introduction to Quantum Mechanics	3
CPHY 421 Undergraduate Research	3
Total Credit Hours: 6 Credits	

General Education Courses for B. S. in Physics

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may **“recommend”** Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I [<u>or</u> CHIS 211]	<input checked="" type="checkbox"/>	REQ
CHIS 202 The United States, Africa and the World II [<u>or</u> CHIS 212]	<input checked="" type="checkbox"/>	REQ
CHIS 211 History of the United States before 1865 [<u>or</u> CHIS 201]	<input checked="" type="checkbox"/>	REQ
CHIS 212 History of the United States since 1865 [<u>or</u> CHIS 202]	<input checked="" type="checkbox"/>	REQ
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	REQ
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	REQ
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	

CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input checked="" type="checkbox"/>	REQ
CCHE 112 General Chemistry II	<input checked="" type="checkbox"/>	REQ
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I [<u>or</u> CENG 202]	<input checked="" type="checkbox"/>	REQ
CENG 202 World Literature II [<u>or</u> CENG 201]	<input checked="" type="checkbox"/>	REQ
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		

CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 and CCIS 105L Programming Principles I Lecture and Lab	<input checked="" type="checkbox"/>	REQ
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	REQ
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for B. S. Degree in Physics

“Major”/department courses (required):	<u>48</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>0</u> credit hours
Major/CGED “related” courses:	<u>21</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>15</u>
Total Credit Hours <u>122</u>	

Program of Study

Accelerated Dual Degrees in Bachelor of Science and Master of Science in Physics (152 Credits: 122UG/30GD)

Program Description

The Accelerated Dual Degrees in Bachelor of Science and Master of Science in Physics curriculum provide graduates an understanding of basic and advanced principles of physics together with the knowledge of analytical, computational, and mathematical concepts to solve complex scientific problems of importance to the society. The flexibility of the curriculum provides opportunities for the development of initiatives and skills for careers in research and technology.

Student Learning Outcomes

Graduates with a Bachelor of Science and Master of Science in Physics will be able to:

1. Solve calculus-based problems in mechanics, electromagnetism, and optics.
2. Integrate physical concepts for the analysis of complex problems cutting across multidisciplinary STEM areas.
3. Analyze and model physical systems by utilizing mathematical approximations and methods.
4. Effectively communicate concepts of related physics topics phenomena, analyses, and conclusions.

Admissions Requirements

Applicants to the Accelerated Dual Degrees in Bachelor of Science and Master of Science in Physics must meet the General Admissions Requirements of Clark Atlanta University as published in the Undergraduate and Graduate Catalogs. Students are admitted based on their academic achievement in secondary school. Students must have a minimum cumulative high school grade point average of 3.25 and minimum scores of 1100 on the composite Scholastic Assessment Test (SAT) out of 1600 *or* 22 on the American College Testing (ACT) out of 36.

Degree Requirements

In addition to the General Degree Requirements as published in the Undergraduate and Graduate Catalogs, students must satisfy all the requisite major and cognate courses with minimum final grades of "C" for award of the Bachelor of Science Degree in Physics. For award of the Master of Science Degree in Physics, students must complete at least thirty (30) credits of graduate coursework in the major field and defend an acceptable thesis.

At the beginning of the second semester of the third year of study, students must apply for admission to the graduate program. During their fourth year of study, students may begin graduate coursework and research while completing undergraduate degree requirements. Summer research activities may be required depending on the objectives of students' research projects. During the fifth year of study, students engage exclusively in graduate study.

Students must maintain a minimum cumulative grade point average of 3.0 to continue in the program. At any point during matriculation in this program, students may elect to pursue the traditional Bachelor of Science Degree in Physics.

Required Undergraduate Courses: 48 Credits

CPHY 121	Physics I: Mechanics (3)
CPHY 121L	Physics I: Mechanics Laboratory (1)
CPHY 122	Physics II: Electricity and Magnetism (3)
CPHY 122L	Physics II: Electricity and Magnetism Laboratory (1)
CPHY 123	Physics III: Optics and Modern Physics (3)
CPHY 123L	Physics III: Optics and Modern Physics Laboratory (1)
CPHY 211	Modern Physics (3)
CPHY 321	Mathematical Physics I (3)

CPHY 322	Mathematical Physics II (3)
CPHY 331	Classical Mechanics (3)
CPHY 332	Electromagnetic Theory (3)
CPHY 411	Thermodynamics and Statistical Mechanics (3)
CPHY 412	Introduction to Quantum Mechanics (3)
CPHY 421	Undergraduate Research I (3)
CPHY 422	Undergraduate Research II (3)
CPHY XXX	Physics Elective (3)
CPHY XXX	Physics Elective (3)
CPHY XXX	Physics Elective (3)

Note: Physics Electives must be at the 300-400 level.

Undergraduate Physics Electives: 9 Credits

CPHY 301	Co-Op Program (3)
CPHY 312	Optics (3)
CPHY 341	Advanced Laboratory (3)
CPHY 375	Instrumentation Electronics (3)
CPHY 441	Internship (3)
CPHY 442	Internship (3)
CPHY 450	Radiative Transfer and Passive Remote Sensing (3)

Cognate Courses: 21 Credits

CCIS 253	Sci. Computing and Visualization (3)
CMAT 111	Calculus I (4)
CMAT 112	Calculus II (4)
CMAT 211	Calculus III (4)
CMAT 214	Linear Algebra (3)
CMAT 212	Differential Equations (3)

General Education Courses: 36 Credits

AREA A: Humanities/ Fine Arts: 9 Credits

CPHI 105	Critical Thinking (3)
CHIS 201	U.S., Africa and the World History I (3) <i>or</i>
CHIS 211	History of the U.S. I (3)
CHIS 202	U.S., Africa and the World History II (3) <i>or</i>
CHIS 212	History of the U.S. II (3)

AREA B: Social/ Behavioral Sciences: 3 Credits

CPSY 211	General Psychology (3)
----------	------------------------

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

CCHE 111	General Chemistry I (4)
CCHE 111	General Chemistry I Laboratory (0)
CCHE 111	General Chemistry I Recitation (0)
CCHE 112	General Chemistry II (4)
CCHE 112	General Chemistry II Laboratory (0)
CCHE 112	General Chemistry II Recitation (0)

AREA D: Communications: 9 Credits

CENG 105	College Composition I (3)
CENG 106	College Composition II (3)

CENG 201 Introduction to World Literature I (3) **or**
CENG 202 Introduction to World Literature II (3)

AREA E: Financial/ Technological: 7 Credits
CCIS 105 Programming Principles I (3) **and**
CCIS 105 Programming Principles I Laboratory (1)
CECO 107 Introduction to Economics (3)

***Free Electives: 15 Credits**

***Note: Free Electives should be chosen in consultation with the advisor depending, on the choice of minor or stackable credentials.**

Other University requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

Required Graduate Courses: 30 Credits

CPHY 501 Classical Mechanics (3)
CPHY 503 Electrodynamics (3)
CPHY 515 Quantum Mechanics I (3)
CPHY 516 Quantum Mechanics II (3)
CPHY 520 Thermodynamics and Statistical Mechanics (3)
CPHY 531 Mathematical Methods I (3)
CPHY 532 Mathematical Methods II (3)
CPHY 603 Thesis Research I (3)
CPHY 603 Thesis Research II (3)
CPHY XXX Physics Elective (3) **

****Note: Graduate Elective must be at the 500 level or higher.**

Graduate Elective: 3 Credits

CPHY 504 Modern Optics (3)
CPHY 540 Solid State Physics (3)
CPHY 545 Atomic and Nuclear Physics (3)
CPHY 550 Physics of Fluids (3)
CPHY 565 Physics of Surfaces (3)
CPHY 570 Radiation Physics (3)
CPHY 585 Applied Quantum Mechanics I (3)
CPHY 586 Applied Quantum Mechanics II (3)
CPHY 604 Thesis Research or Non-Thesis Research Project Consultation (3)
CPHY 605 Optical Fiber Measurements I (3)
CPHY 606 Modern Optical Measurements II (3)
CPHY 607 Advanced Optics (3)
CPHY 610 Philosophy of Science (3)
CPHY 615 Special Topics in Physics (3)

**Plan of Study for Accelerated Dual Degrees in B. S. and M. S. in Physics
(152 Credits: 122 B. S./30 M. S.)**

*(Students who are **not** prepared to complete calculus in their first year of study should arrange a revised plan of study in consultation with an advisor.)*

Freshman Year – 1st Semester: 15 hrs.	Freshman Year - 2nd Semester: 16 hrs.
CGED 100 First-Year Seminar I (1)	CGED 101 First-Year Seminar II (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
Area A: CPHI 105 Critical Thinking (3)	Area E: CCIS 105 Programming Principles I (3) and CCIS 105 Programming Principles I Lab (1)
CMAT 111 Calculus I (4)	CMAT 112 Calculus II (4)
CPHY 121 Physics I: Mechanics (3)	CPHY 122 Physics II: Electricity and Magnetism (3)
CPHY 121L Physics I: Mechanics Lab (1)	CPHY 122L Physics II: Electricity and Magnetism Lab (1)
Sophomore Year 1st Semester: 15 hrs.	Sophomore Year - 2nd Semester: 16 hrs.
CCIS 253 Scientific Programming (3)	Area D: CENG 201 Intro. to World Lit. I (3) or CENG 202 Intro. to World Lit. II (3)
Area C: CCHE 111 General Chemistry I (4)	Area C: CCHE 112 General Chemistry II (4)
Area C: CCHE 111L General Chemistry I Lab (0)	Area C: CCHE 112L General Chemistry II Lab (0)
Area C: CCHE 111R General Chemistry I Rec (0)	Area C: CCHE 112R General Chemistry II Rec (0)
CMAT 211 Calculus III (4)	CMAT 212 Differential Equations (3)
CPHY 123 Physics III: Opts. & Mod. Phys. (3)	CPHY 211 Modern Physics (3)
CPHY 123L Physics III: Opts. & Mod. Phys. Lab (1)	Area B: CPSY 211 General Psychology (3)
Junior Year 1st Semester: 15 hrs.	Junior Year - 2nd Semester: 15 hrs.
Area A: CHIS 201 U.S., Africa, and the World History I (3) or CHIS 211 History of the U.S. I (3)	Area A: CHIS 202 U.S., Africa, and the World History II (3) or CHIS 212 History of the U.S. II (3)
CMAT 214 Linear Algebra (3)	CPHY 322 Mathematical Physics II (3)
CPHY 321 Mathematical Physics I (3)	CPHY 332 Electromagnetic Theory (3)
CPHY 331 Classical Mechanics (3)	Area E: CECO 107 Introduction to Economics (3)
Free Elective* (3)	Free Elective* (3)
Senior Year - 1st Semester: 15 hrs.	Senior Year - 2nd Semester: 15 hrs.
CPHY 411 Thermo. Dynamic. & Statis. Mech. (3)	CPHY 422 Undergraduate Research II (3)
CPHY 412 Intro. to Quantum Mechanics (3)	CPHY XXX Physics Elective* (3)
CPHY 421 Undergraduate Research I (3)	CPHY XXX Physics Elective* (3)
CPHY XXX Physics Elective* (3)	Free Elective* (3)
Free Elective* (3)	Free Elective* (3)
5th Year - 1st Semester: 12 hrs.	5th Year - 2nd Semester: 12 hrs.
CPHY 515 Quantum Mechanics I (3)	CPHY 516 Quantum Mechanics II (3)
CPHY 520 Thermo. Dynamic. & Statis. Mech. (3)	CPHY 532 Mathematical Methods II (3)
CPHY 531 Mathematical Methods I (3)	CPHY 602 Physics Seminar II (3)
CPHY 601 Physics Seminar I (0)	CPHY 603 Thesis Research II (0)
CPHY 603 Thesis Research I (3)	CPHY XXX Physics Elective* (3)

Major Prerequisites for B.S. and M.S. Dual Degree in Physics

Course with Prerequisite	Required Prerequisite
Example: CENG English Composition 106	Example: CENG English Composition 105
CPHY 121 and CPHY 121L Physics I: Mechanics and Lab	CMAT 111 Calculus I
CPHY 122 and CPHY 122L Physics II: Electricity and Magnet. and Lab	CMAT 112 Calculus II and CPHY 121 Physics II: Mech.
CPHY 123 and CPHY 123L Physics III: Opt. and Mod. Physics and Lab	CPHY 122 Physics II: Electricity and Magnetism
CPHY 211 Modern Physics	CPHY 123 Physics III: Optics and Modern Physics
CPHY 312 Optics	CPHY 123 Physics III: Optics and Modern Physics
CPHY 321 Mathematical Physics I	CPHY 123 Physics III: Optics and Modern Physics
CPHY 322 Mathematical Physics II	CPHY 321 Mathematical Physics I
CPHY 331 Classical Mechanics	CPHY 321 Mathematical Physics I
CPHY 332 Electromagnetic Theory	CPHY 322 Mathematical Physics II
CPHY 411 Thermodynamics and Statistical Mechanics	CPHY 321 Mathematical Physics I
CPHY 412 Introduction to Quantum Mechanics	CPHY 332 Electromagnetic Theory
CPHY 516 Quantum Mechanics II	CPHY 515 Quantum Mechanics I
CPHY 532 Mathematics Methods II	CPHY 531 Mathematics Methods I
Additional Clarifications:	

Minor Degree in Physics

All minors require a total of **18** semester credit hours from another School or Department.

Required Courses	Credit Hours
CPHY 121 Physics I: Mechanics	3
CPHY 121L Physics I: Mechanics Lab	1
CPHY 122 Physics II: Electricity and Magnetism	3
CPHY 122L Physics II: Electricity and Magnetism Lab	1
CPHY 123 Physics III: Optics and Modern Physics	3
CPHY 123L Physics III: Optics and Modern Physics Lab	1
Total Credit Hours: 12 Credits	
Additional Clarifications:	
Physics Electives	Credit Hours
CPHY 211 Modern Physics	3
CPHY 312 Optics	3
CPHY 321 Mathematical Physics I	3
CPHY 322 Mathematical Physics II	3
CPHY 331 Classical Mechanics	3
CPHY 332 Electromagnetic Theory	3
CPHY 411 Thermodynamics and Statistical Mechanics	3
CPHY 412 Introduction to Quantum Mechanics	3
CPHY 421 Undergraduate Research	3
Total Credit Hours: 6 Credits	

General Education Courses for B.S. and M.S. Dual Degree in Physics

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I [<u>or</u> CHIS 211]	<input checked="" type="checkbox"/>	REQ
CHIS 202 The United States, Africa and the World II [<u>or</u> CHIS 212]	<input checked="" type="checkbox"/>	REQ
CHIS 211 History of the United States before 1865 [<u>or</u> CHIS 201]	<input checked="" type="checkbox"/>	REQ
CHIS 212 History of the United States since 1865 [<u>or</u> CHIS 202]	<input checked="" type="checkbox"/>	REQ
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	REQ
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)		
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input checked="" type="checkbox"/>	REQ
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	

CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input checked="" type="checkbox"/>	REQ
CCHE 112 General Chemistry II	<input checked="" type="checkbox"/>	REQ
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I [<u>or</u> CENG 202]	<input checked="" type="checkbox"/>	REQ
CENG 202 World Literature II [<u>or</u> CENG 201]	<input checked="" type="checkbox"/>	REQ
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input type="checkbox"/>	
CFLF 102 Elementary II (French)	<input type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	

CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 and CCIS 105L Programming Principles I Lecture and Lab	<input checked="" type="checkbox"/>	REQ
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input checked="" type="checkbox"/>	REQ
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for B.S. and M.S. Dual Degree in Physics

“Major”/department courses (required):	<u>78</u> credit hours (Grade of C or higher required)
“Minor” related courses (required):	<u>0</u> credit hours
Major/CGED “related” courses:	<u>21</u> credit hours (2 foreign languages 101 & 102 or higher)
General Education (required):	<u>36</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>15</u>
Total Credit Hours <u>152</u>	

Minor in Physics (18 Credits)

The Minor in Physics is for students who are majors in other STEM subjects and are interested in acquiring additional knowledge of principles and concepts of Physics. The minor in Physics requires eighteen (18) credit hours of coursework in Physics. These courses provide techniques and skills to

solve practical scientific problems.

Required Courses: 12 Credits

CPHY 121	Physics I: Mechanics (3)
CPHY 121L	Physics I: Mechanics Laboratory (1)
CPHY 122	Physics II: Electricity and Magnetism (3)
CPHY 122L	Physics II: Electricity and Magnetism Laboratory (1)
CPHY 123	Physics III: Optics and Modern Physics (3)
CPHY 123L	Physics III: Optics and Modern Physics Laboratory (1)

Physics Electives: 6 Credits

CPHY 211	Modern Physics (3)
CPHY 312	Optics (3)
CPHY 321	Mathematical Physics I (3)
CPHY 322	Mathematical Physics II (3)
CPHY 331	Classical Mechanics (3)*
CPHY 332	Electromagnetic Theory (3)
CPHY 411	Thermodynamics and Statistical Mechanics (3)
CPHY 412	Introduction to Quantum Mechanics (3)
CPHY 421	Undergraduate Research (3)

***CPHY 331 will be replaced by CEGR 211 and CEGR 311 for students participating in the Dual Degree Engineering Program (DDEP)**

Dual Degree Engineering Program (DDEP)
Thomas W. Cole, Jr., Research Center for Science and Technology, Suite 3037
Telephone: (404) 880-6693

The mission of the Dual Degree Engineering Program is to prepare declared pre-engineering majors, through a sequence of engineering courses and participation in collaborative, cutting-edge, and innovative research activities, leading to advanced standing eligibility for enrolling in an engineering program at a partner engineering institution and obtain degrees from both institutions upon completion of the program.

The vision of the Dual Degree Engineering Program is to produce leaders and researchers capable of identifying, addressing, and solving technical problems, which will benefit society and help regain the nation's preeminence in science and engineering globally, and promote diversity in the engineering profession.

The Dual Degree in Engineering Program (DDEP) at Clark Atlanta University (CAU) addresses the under representation of African Americans in the sciences and engineering fields and produces engineers who will become industrial leaders and scientific researchers. The University has been participating with the other Atlanta University Center (AUC) Consortium schools since 1969 to provide undergraduate students a detailed engineering instruction coupled with research experience in state-of-the-art laboratories. The program has linkages with several research institutions, government research laboratories, and industries to facilitate summer undergraduate research experience. The program also promotes an applied research orientation facilitating the technology transfer of basic scientific discoveries to marketable products and services.

As a joint sponsor of the Atlanta University Center DDEP, CAU students can take advantage of services offered through the Atlanta University Center Dual-Degree Engineering Program Office. Services include scholarships, internships, permanent placement, career counseling and tutoring. In addition, CAU DDEP students are encouraged to join the Atlanta University Center chapter of the National Society of Black Engineers (NSBE). CAU students must register with the Atlanta University Center DDEP Program Office to be eligible for any of its services.

The participating engineering institutions include Auburn University, Clarkson University; Columbia University; Georgia Institute of Technology; North Carolina A&T State University; Rensselaer Institute of Technology; Rochester Institute of Technology; University of Alabama, Huntsville; Indiana University – Purdue University Indianapolis (IUPUI), University of Michigan, Ann Arbor; Northeastern University and University of Missouri, Rolla.

Students interested in the Dual Degree Engineering Program (DDEP) should make initial contact with the Director of the DDEP in the School of Arts and Sciences at CAU for specific pre-engineering requirements for all DDEP designated STEM areas and further advisement.

Program Description

The Dual Degree Engineering Program (DDEP) offers students a pre-engineering interdisciplinary and multidisciplinary curriculum with a strong background in the physical sciences and mathematics, proficiency in oral and written communications, and a thorough foundation in fundamental engineering principles.

During their matriculation in the Dual Degree Engineering Program (DDEP), students attend Clark Atlanta University for approximately three (3) years and then transfer to the participating engineering institution for two (2) years of additional study in residency status. Following a five-year period of study, students are awarded two (2) degrees: a Bachelor of Science Degree from Clark Atlanta University and a Bachelor of Engineering Degree from the participating engineering institution. In some cases, students may be awarded a graduate degree from the participating engineering institution.

Programs of Study

Dual-Degree in Engineering Concentrations:

- **Chemistry**
- **Computer Science**
- **Physics**
- **Mathematics**
- **Biology**

Student Learning Outcomes:

Graduates of the Dual Degree Engineering Program (DDEP) will be able to:

1. Apply knowledge of mathematics, science and engineering to analyze and interpret data.
2. Design and conduct experiments in multi-disciplinary team project.
3. Identify components and formulate processes to design systems.
4. Communicate effectively in oral and written formats the impact of engineering solutions in a global and societal context.
5. Identify and use modern engineering tools, techniques, and skills to solve engineering problems.

Admissions Requirements

Applicants must meet all the admissions requirements of Clark Atlanta University as published in this Catalog. Students intending to matriculate in any of the DDEP designated STEM fields should contact the DDEP Coordinator in the School of Arts and Sciences for specific pre-engineering program requirements and further advisement.

Transfer Process:

Each participating engineering institutions has documented admissions guidelines that complies with Accreditation Board for Engineering and Technology, Inc. (ABET) standards. These guidelines can be obtained during academic advisement sessions. A general guideline for admission is that the student maintains a cumulative and Math/Science grade point average of 3.0 or higher to ensure acceptance into the partnering institutions. The student should apply for transfer to the engineering institution about 6 to 9 months prior to his/her intended date of transfer. The transfer forms are handled through both the CAU DDEP office and the AUC DDEP office.

Students are encouraged to seek advisement prior to submitting any forms to the transfer institution. In some instances, application fees may be waived. CAU student should have major verification forms completed by their respective department advisor and the DDEP advisor prior to transfer. These forms will be forwarded to the Office of the University Registrar by the advisor with CAU student transcript and the partner institution student transcript from the AUC DDEP office by the deadlines printed on the yearly calendar for graduation.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Dual Degree Engineering Program must also complete the following requirements at CAU:

1. General Education Core Curriculum requirements
2. Pre-engineering courses

3. Courses for the chosen science major
4. Engineering major at the participating engineering institution

Students are strongly encouraged to meet with their advisor at a minimum of one session per semester. To ensure students are adequately informed, attending academic advisement sessions are essential and critical to timely transition to the partner engineering institution. Upon completion of all requirements at both institutions, the student is simultaneously awarded a Bachelor of Science degree from CAU and a Bachelor of Engineering from participating engineering institution.

Graduation Requirements

A DDEP student is eligible to graduate when he/she has completed all the required DDEP courses and fulfilled the graduation requirements for both CAU and the host engineering institution.

A DDEP student in residence at participating engineering institution must provide to the CAU DDEP Coordinator a copy of a current transcript at the end of each semester. During the spring semester prior to the year of anticipated graduation, the DDEP student must apply for graduation from CAU and is responsible for arranging for an official transcript to be forwarded from the participating engineering institution to the CAU Office of the University Registrar no later than the beginning of the spring semester of the anticipated year of graduation. CAU DDEP students majoring in designated Science fields must complete all requirements of the major and submit an Application for Graduation form to the Office of the University Registrar to participate in the University's Annual Commencement activities.

Required Courses: 18 Credits

CEGR 101	Introduction to Engineering (3)
CEGR 101L	Introduction to Engineering Laboratory (0)
CEGR 102	Introduction to Engineering Design (2)*
CEGR 110	Engineering Computer Graphics (3)
CEGR 110L	Engineering Computer Graphics Laboratory (0)
CEGR 201	Electrical Circuit Analysis (3)*
CEGR 201L	Electrical Circuit Analysis Laboratory (1)*
CEGR 211	Engineering Statics (3)
CEGR 311	Engineering Dynamics (3)

*Courses required for specific majors

Minors: Mathematics (18 Credit Hours)

- CMAT 111 Calculus I (4)
- CMAT 112 Calculus II (4)
- CMAT 211 Calculus III (4)
- CMAT 212 Differential Equations (3)
- CMAT 214 Linear Algebra (3)

(Available for DDEP-Physics, DDEP-Computer Science, DDEP-Biology, and DDEP-Chemistry)

**DUAL DEGREE ENGINEERING PROGRAM
BACHELOR OF SCIENCE DEGREE IN DDEP-PHYSICS (122 Credits)**

Required Courses: 48 Credits (includes transfer credits from partner institution). Please refer to Physics catalog entry for listing of major courses required. **INCLUDES 9** elective credits

Cognate Courses: 12 Credits
CMAT 111 Calculus I (4)
CMAT 112 Calculus II (4)
CMAT 211 Calculus III (4)

Physics Elective: 9 Credits (includes transfer credits from partner institution and CAU 300 level Engineering Courses). Please refer to Physics catalog entry for listing of electives. **INCLUDED** in number of required course credit (48).

General Education Courses: 35 Credits

AREA A: Humanities/ Fine Arts: 9 credits
▪ CPHI 105; CHIS 211 and 212

AREA B: Social/ Behavioral Sciences: 3 Credits
▪ CPSY 211

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits
▪ CHEM 111 and 112

AREA D: Communications: 9 credits
▪ CENG 105 and 106; CENG 201 or 202

AREA E: Financial/ Technological: 6 Credits
▪ CCIS 105; CECO 107

Other University Requirements: 2 credit hours

CGED 100 First-Year Seminar I
CGED 101 First-Year Seminar II

Free Electives: 15 (includes transfer credits from partner institution)

Note: Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.

DUAL DEGREE ENGINEERING PROGRAM
PLAN OF STUDY FOR BACHELOR OF SCIENCE DEGREE IN DDEP-PHYSICS (122 Credits)

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CEGR 101	Introduction to Engineering and	3	CENG 106	College Comp II [Area D]	3
CEGR 10L	Introduction to Engineering Lab	0	CMAT 112	Calculus II	4
CMAT 111	Calculus 1	4	CPHY 121	Physics I: Mechanics	3
CENG 105	College Comp I [Area D]	3	CPHY 121L	Physics I: Mechanics Lab	1
CGED 100	First-Year Seminar I	1	CGED 100	First-Year Seminar II	1
CCIS 105 and CCIS 105L	Programming Principles I Programming Principles I Lab [Area E]	4	CCIS 106 and CCIS 106L	Programming Principles II and Programming Principles II Lab	4
CPHI 105	Critical Thinking [Area A]	3			
	Total	18		Total	16
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CENG 201 or 202	Introduction to World Lit I or II [Area D]	3	CEGR 211	Engineering Statics	3
CCHE 111 and 111L	General Chemistry I and Lab/Recitation [Area C]	4	CCHE 112 and 122L	General Chemistry II and Lab/Recitation [Area C]	4
CMAT 211	Calculus III	4	CPSY 211	General Psychology [Area B]	3
CPHY 122 and 122L	Physics II: Electricity and Magnetism and Lab	4	CPHY 123 and 123L	Physics III: Opts. & Mod / Lab.	4
CEGR 110 and CEGR 110L	Engineering Graphics and Engineering Graphics Lab	3	CMAT 212	Differential Equations	3
	TOTAL	18		TOTAL	17
Junior Year					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CHIS 211	History of the U.S. I [Area A]	3	CHIS 212	History of the U.S. II (3) [Area A]	3
CMAT 214	Linear Algebra	3	CPHY 321	Mathematical Physics I (3)	3
CEGR 311	Engineering Dynamics	3	CPHY 332	Electromagnetic Theory (3)	3
CEGR 201	Electrical Circuit Analysis and Lab	4	CECO 107	Intro to Economics (3) [Area E]	3
CPHY 211	Modern Physics	3		Elective	3
	TOTAL	16		TOTAL	15
Courses to be Completed at Partner Institution 4th & 5th Year					
Additional hours needed to satisfy degree requirements can be taken (or transfer equivalent) at and transferred from partner institution beyond Junior Year					
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CPHY 322	Mathematical Physics II (or transfer equivalent)	3		CPHY 332 Electromagnetic Theory (or transfer equivalent)	3
CPHY 331	Classical Mechanics (or transfer equivalent)	3	CPHY 411	Thermodynamics & Statistical Mech. (or transfer equivalent)	3

		TOTAL	15		TOTAL	15
FIFTH YEAR						
		FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX		Engineering Course	3	ENGR XXX	Engineering Course (3)	3
ENGR XXX		Engineering Course	3	ENGR XXX	Engineering Course (3)	3
ENGR XXX		Engineering Course	3	ENGR XXX	Engineering Course	3
CPHY 412		Intro to Quantum Mechanics(or transfer equivalent)	3		Engineering Course	3
CPHY 421		Undergraduate Research I (or transfer equivalent)	3	CPHY 422	Undergraduate Research II (or transfer equivalent)	3
		TOTAL	15		TOTAL	15

**DUAL DEGREE ENGINEERING PROGRAM
BACHELOR OF SCIENCE DEGREE IN DDEP-CHEMISTRY (122 Credits)**

Required Courses: 52 Credits (includes transfer credits from partner institution). Please refer to Chemistry catalog entry for listing of major courses required.

Cognate Courses: 23 Credits

- CMAT 112 Calculus II (4)
- CMAT 211 Calculus III (4)
- CBIO 112 General Biology II (4)
- CBIO 112L General Biology II Laboratory (0)
- CMAT 212 Differential Equations I (3)
- CPHY 121 Physics I: Mechanics (3)
- CPHY 121L Physics I: Mechanics Laboratory (1)
- CPHY 123 Physics III: Optics and Modern Physics (3)
- CPHY 123L Physics III: Optics and Modern Physics Laboratory (1)

General Education Courses: 30 Credits

AREA A: Humanities/ Fine Arts: 3 credits

- CHIS 211 or 212

AREA B: Social/ Behavioral Sciences: 3 Credits

- CPSY 211 (required)
- Choice of 1 from the following
 - CPSY 218 Human Growth and Development
 - CEDU 301 Educational Psychology (.)
 - CSCJ 215 Introduction to Sociology
 - CSCJ 216 Introduction to Anthropology
 - CSCJ 218 Contemporary Social Problems

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

- CMAT 111, BIO 111 and Lab

AREA D: Communications: 6 credits

- CENG 105 and 106

AREA E: Financial/ Technological: 7 Credits

- CCIS 105; CECO 107

Core Elective: 3.0 Credits

- A student can take a 3.0 credit elective in AREAs A, or B, or D or E from above.

Other University Requirements: 2 credit hours

- CGED 100 First-Year Seminar I and CGED101 First-Year Seminar II

Free Electives: 15 (includes transfer credits from partner institution)

Note: Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.

**DUAL DEGREE ENGINEERING PROGRAM
PLAN OF STUDY FOR BACHELOR OF SCIENCE DEGREE IN DDEP-CHEMISTRY (122 Credits)**

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CBIO 111 and 111L	General Biology I & Lab [Area C]	4	CBIO 112 and 112L	General Biology II & Lab	4
CMAT 111	Calculus 1 [Area C]	4	CCHE 112	General Chemistry II and lab	4
CENG 105	College Comp I [Area D]	3	CMAT 112	Calculus II [Area C]	4
CGED 100	First-Year Seminar I	1	CENG 106	English Comp II [Area D]	3
CCHE 111 and 111L	General Chemistry I and Lab/Recitation	4	CGED 101	First-Year Seminar II	1
	TOTAL	16		TOTAL	16
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CEGR 101/101L	Introduction to Engineering and Lab	3	CEGR 110/110L	Engineering Graphics and Lab	3
CMAT 211	Calculus III	4	CCHE 231 and 231L/R	Organic Chemistry II and Lab/Rec	4
CPHY 121 and 121L	Physics I: Mechanics and lab	4	CPHY 122 and 122L	Physics II: Electricity and Magnetism and Lab	4
CCHE 231 and 231L/R	Organic Chemistry I and Lab/Rec	4	CMAT 212	Differential Equations	3
CHIS 211 or 212	US History	3	CBUSxxx	Business Elective	3
	TOTAL	18		TOTAL	17
Junior Year					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CMAT 214	Linear Algebra	3	CEGR 211	Engineering Statics	3
CCHE 211/L	Analytical Chemistry I & Lab	4	CCHE 342/L/R	Physical Chemistry II & Lab/Recitation	4
CCHE 341/L/R	Physical Chemistry I & Lab/Recitation	4	CCHE 400	Undergrad Res in Chemistry (or transfer equivalent)	0-3
CPSY 211	General Psychology	3	Core Elective	Humanities/Social Science/Comm [Area A,B,D, or E]	3
CCIS 105 and CCIS 105L	Programming Principles I and Programming Principles I Lab	4	CCIS 106 and CCIS 106L	Programming Principles II and Programming Principles II Lab	4
CCHE 381	Junior Level Chemistry Seminar I	0	CCHE 382	Junior Level Chemistry Seminar II	1

		17			14-17
		TOTAL		TOTAL	
Courses to be Completed at Partner Institution 4th & 5th Year					
Additional hours needed to satisfy degree requirements can be taken (or transfer equivalent) at and transferred from partner institution beyond Junior Year					
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CCHE 421	Inorganic Chemistry (or transfer equivalent)	3	CCHE 412/L	Instrumental Methods w/Lab (or transfer equivalent)	4
CCHE 431/L	Advanced Organic Chemistry I and Lab (or transfer equivalent)	4	CCHE 432/L	Methods of Structure Determ. w/Lab (or transfer equivalent)	4
	TOTAL	15		TOTAL	15
FIFTH YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CCHE 480	Special Topics in Chemistry (or transfer equivalent)	4	ENGR XXX	Engineering Course	3
CCHE 481	Senior-Level Chemistry Seminar I (or transfer equivalent)	0	CCHE 482	Senior-Level Chemistry Seminar II (or transfer equivalent)	1
CCHE 400	Undergrad Res in Chemistry (or transfer equivalent)	2-3	CCHE 400	Undergrad Res in Chemistry (or transfer equivalent)	1-3
	TOTAL	15-16		TOTAL	14-17

DUAL DEGREE ENGINEERING PROGRAM

BACHELOR OF SCIENCE DEGREE IN DDEP-COMPUTER SCIENCE (122 Credits)

Required Courses: 57 Credits (includes transfer credits from partner institution). Please refer to Computer Science catalog entry for listing of major courses required.

Cognate Courses: 18 Credits (Please refer to Computer Science catalog entry for listing of cognate courses)

General Education Courses: 33 Credits

AREA A: Humanities/ Fine Arts: 6 credits

- CHIS 211 or 212 and CPHI 105 or CREL 101/103

AREA B: Social/ Behavioral Sciences: 3 Credits

- CPSY 211

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

- CMAT 111 and CMAT 112

AREA D: Communications: 9 credits

- CENG 105 and 106; CSTA 101

AREA E: Financial/ Technological: 7 Credits

- CCIS 253/L ; CECO 107

Other University Requirements: 2 credit hours

- CGED 100 First-Year Seminar I and CGED101 First-Year Seminar II

Free Electives: 12 (includes transfer credits from partner institution)

Note: Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.

**DUAL DEGREE ENGINEERING PROGRAM
PLAN OF STUDY FOR BACHELOR OF SCIENCE DEGREE IN DDEP-COMPUTER SCIENCE
(122 Credits)**

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CEGR 101/101L	CEGR 101/101L Introduction to Engineering / Lab	3	CENG 106	College Composition II	3
CMAT 111	Calculus 1	4	CGED 101	First-Year Seminar II	1
CENG 105	College Comp I	3	CMAT112	Calculus II	4
CGED 100	First-Year Seminar I	1	CCIS 106	Programming Principles II	3
CCIS 105 and CCIS 105L	Programming Principles I and Programming Principles I Lab	4	CCIS 106L	Programming Principles II Lab	1
CCIS 101	Computer Applications	3	CEGR 110/110L	Engineering Graphics and Lab	3
			CCIS 121	Introduction to Computer Systems	3
	TOTAL	18		TOTAL	18
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CMAT 211	Calculus III	4	CEGR 211	Engineering Statics	3
CCHE 111 and 111L	General Chemistry I and Lab/Recitation	4	CMAT 212	Differential Equations	3
CPHY 121 and 121L	Physics I: Mechanics and lab	4	CMAT 214	Linear Algebra	3
CCIS 223	Data Structures	3	CPHY 122/L	Physics II: Electricity & Magnetism and lab	4
CCIS 223L	Data Structures Lab	1	CCIS 227	Discrete Structures	3
	TOTAL	16		TOTAL	16
Junior Year					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CPHI 262	Science, Tech & Human Values	3	CMAT 321	Probability & Statistics	3

CCIS 301	Advanced Programming	3	CECO 107	Intro to Economics	3
CCIS 321	Software Engineering	3	CCIS 329	Advanced Server Side Applications	3
CCIS 374	Intro to Database Systems	3	CPHI 105 or CREL101/103	Critical Thinking or Religion	3
CHIS 211	US History	3	CMAT 321	Probability and Statistics	3
CPSY 211	General Psychology	3	CSTA 101	Fundamentals of Speech	3
				Departmental Service	0
	TOTAL	18		TOTAL	18
Courses to be Completed at Partner Institution 4th & 5th Year					
Additional hours needed to satisfy degree requirements can be taken (or transfer equivalent) at and transferred from partner institution beyond Junior Year					
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CCIS 371	Intro. Comp. Algorithms (or transfer equivalent)	3	ENGR XXX	Engineering Course	3
CCIS 372	Intro. Comp. Architecture (or transfer equivalent)	3	CCIS 375	Intro. Artificial Intelligence (or transfer equivalent)	3
	TOTAL	15		TOTAL	15
FIFTH YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CCIS 476	Prog. Lang & Compilers (or transfer equivalent)	3	CCIS 473	Intro to Operating Systems (or transfer equivalent)	3
CCIS 431	Information Security (or transfer equivalent)	3	CCIS 493	Senior Design Project (or transfer equivalent)	3
	TOTAL	15- 16		TOTAL	14- 17

**DUAL DEREK ENGINEERING PROGRAM
BACHELOR OF SCIENCE DEGREE IN DDEP-BIOLOGY (122 Credits)**

Required Courses: 32 Credits (includes transfer credits from partner institution). Please refer to Biology catalog entry for listing of major courses required.

Recommended Biology Electives: 25 Credits
Please refer to Biology catalog entry for listing of electives

REQUIRED Cognate Courses for DDEP-BIOLOGY Majors (24 credits)
Chemistry

- CCHE 111 General Chemistry I (4)
- CCHE 112 General Chemistry II (4)

CCHE 231 Organic Chemistry I (4)

CCHE 232 Organic Chemistry II (4)

Physics

CPHY 121 Physics I: Mechanics (4)

CPHY 122 Physics II: Electricity & Magnetism (4)

General Education Courses: 33 Credits

AREA A: Humanities/ Fine Arts: 3 credits

- CART 150; or CHUM 228 or 238; CMUS 120; CSTA 252

AREA B: Social/ Behavioral Sciences: 6 Credits

- CPSY 211
- CSCJ 215 or CSCJ 216 or CSCJ 218

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

- CMAT 111 and CMAT 112

AREA D: Communications: 9 credits

- CENG 105 and 106; CENG 201 or 202

AREA E: Financial/ Technological: 7 Credits

- CCIS 105; CBUS 250

Other University Requirements: 2 credit hours

- CGED 100 First-Year Seminar I and CGED101 First-Year Seminar II

Free Electives: 6 Credits (includes transfer credits from partner institution)

Note: Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.

DUAL DEGREE ENGINEERING PROGRAM
PLAN OF STUDY FOR BACHELOR OF SCIENCE DEGREE IN DDEP-BIOLOGY (122 Credit)

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CBIO 111 and 111L	General Biology I & Lab [Area C]	4	CBIO 112 and 112L	General Biology II & Lab	4
CMAT 111	Calculus 1 [Area C]	4	CCHE 112	General Chemistry II and lab	4
CENG 105	College Comp I [Area D]	3	CMAT 112	Calculus II [Area C]	4
CGED 100	First-Year Seminar I	1	CENG 106	English Comp II [Area D]	3
CCHE 111 and 111L	General Chemistry I and Lab/Recitation	4	CGED 101	First-Year Seminar II	1
	TOTAL	16		TOTAL	16
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CEGR 101/101L	Introduction to Engineering and Lab	3	CEGR 110/110L	Engineering Graphics and Lab	3
CMAT 211	Calculus III	4	CENG 201/202	Word Literature I or II [Area D]	3
CPHY 121 and 121L	Physics I: Mechanics and lab	4	CPHY 122	Physics II and lab	4
CHIS 211 or 212	US History	3	CMAT 212	Differential Equations	3
CCIS 105 /L	Programming Principles I and Programming Principles I Lab	4	CCIS 106/L	Programming Principles II & Lab	4
	TOTAL	18		TOTAL	17
Junior Year					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CMAT 214	Linear Algebra	3	CHUM 228/238; CART 150 or CMUS 120	Humanities, Art, or Music Elective	3
CBIO 233	Microbiology & Microbial Genomics	4	CBUS 250	Personal Finance	3
CCHE 231/L/R	Organic Chemistry I & Lab /Recitation	4	CCHE 232/L/R	Organic Chemistry II & Lab/Recitation	4
CPSY 211	General Psychology	3	CSCJ 215/216	Intro to Sociology or Intro to Anthropology	3
CEGR 211	Engineering Statics	3	CBIO 312/R	Genetics I / Recitation	3
	TOTAL	17		TOTAL	16
Courses to be Completed at Partner Institution 4th & 5th Year					
Additional hours needed to satisfy degree requirements can be taken (or transfer equivalent) at and transferred from partner institution beyond Junior Year					
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CBIO 375	Cell & Molecular Biology (or transfer equivalent)	3	ENGR XXX	Engineering Course	3
CBIO 390 or CBIO 491	Intro to Biochemistry I or Biochemistry (or transfer equivalent)	3	CBIO 492 or Elective	Biochemistry II or Elective (or transfer equivalent)	3

CBIO 480	Research in Biology (or transfer equivalent)	3	CBIO 341/L	Plant Biology & Physiology/L (or transfer equivalent)	4
	TOTAL	15		TOTAL	16
FIFTH YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
ENGR XXX	Engineering Course	3	ENGR XXX	Engineering Course	3
CBIO 478	Cell Biology Laboratory (or transfer equivalent)	3	ENGR XXX	Engineering Course	3
			ENGR XXX	Engineering Course	3
			CBIO 482	Biology Seminar (or transfer equivalent)	1
	TOTAL	15		TOTAL	16

DUAL DEGREE ENGINEERING PROGRAM

BACHELOR OF SCIENCE DEGREE IN DDEP-MATHEMATICS (122 Credits)

Required Courses: 48 Credits (includes transfer credits from partner institution). Please refer to Mathematics catalog entry for listing of major courses required.

General Education Courses: 36 Credits

AREA A: Humanities/ Fine Arts: 6 credits

- CHIS 211 and 212

AREA B: Social/ Behavioral Sciences: 6 Credits

- CPSY 211, and
- CSCJ 201 or CSCJ 310 or CPSC 322

AREA C: Natural Sciences/ Mathematics/ Statistics: 8 credits

- CPHY 121 and CPHY 122

AREA D: Communications: 9 credits

- CENG 105 and 106; CENG 201 or 202

AREA E: Financial/ Technological: 6 Credits

- CCIS 105 and CECO 107

Math Electives: 12 Credits

Please refer to Mathematics catalog entry for list of electives

Other University Requirements: 2 credit hours

- CGED 100 First-Year Seminar I and CGED101 First-Year Seminar II

Free Electives: 24 Credits (includes transfer credits from partner institution)

Note: Free Electives should be chosen in consultation with the advisor, depending on the choice of minor or stackable credentials.

**DUAL DEGREE ENGINEERING PROGRAM
PLAN OF STUDY FOR BACHELOR OF SCIENCE DEGREE IN DDEP-MATHEMATICS (122 Credits)**

FRESHMAN YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CEGR 101/L	Introduction to Engineering and Lab	3	CENG 106	College Comp II [Area D]	3
CMAT 111	Calculus 1	4	CMAT 112	Calculus II	4
CENG 105	College Comp I [Area D]	3	CPHY 121	Physics I: Mechanics	3
CGED 100	First-Year Seminar I	1	CPHY 121L	Physics I: Mechanics Lab	1
CHIS 211	US History	3	CGED 100	First-Year Seminar II	1
CPHI 105	Critical Thinking [Area A]	3	CEGR 110/L	Engineering Graphics and Lab	3
			CHIS 212	US History	3
	TOTAL	17		TOTAL	18
SOPHOMORE YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CBUS 101 or CBUS 209 or CBUS 341	Financial Literacy or Accounting for non-business majors or Business Finance	3	CCHE 111	General Chemistry I and lab	4
CMAT 211	Calculus III	4	CMAT 212	Differential Equations	3
CPHY 122	Physics II and lab	4	CMAT 214	Linear Algebra	3
CCIS 105/L	Programming Principles I and Lab	4	CCIS 106/L	Programming Principles II and Lab	4
CENG 201 or 202	World Literature I or II	3	CPSY 211	General Psychology	3
	TOTAL	18		TOTAL	17
Junior Year					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
CEGR 211	Engineering Statics	3		CMAT 322 Mathematical Probability & Statistics II	3
CMAT 311	Mathematical Logic	3		CMAT 326 Modern Algebra II	3
CMAT 321	Mathematical Probability & Statistics I	3		CMAT 421 Advanced Calculus I	3
CMAT 325	Modern Algebra I	3		CECO 107 Intro to Economics	3
B:CSCJ 201 or CSCJ 310 or CPSC 322	introduction to Criminal Justice or Criminology or International Relations	3		Elective	3
	TOTAL	15		TOTAL	15
Courses to be Completed at Partner Institution 4th & 5th Year					
Additional hours needed to satisfy degree requirements can be taken (or transfer equivalent) at and transferred from partner institution beyond Junior Year					
SENIOR YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
	Engineering Course	3		Engineering Course	3
	Engineering Course	3		Engineering Course	3
	Engineering Course	3		Engineering Course	3
	Engineering Course	3		Engineering Course	3
	CMAT 422 Advanced Calculus II (or transfer equivalent)	3		CMAT 427 Introduction to Topology I (or transfer equivalent)	3

	CMAT 423 Intro to Complex Variables I (or transfer equivalent)	3		CMAT 424 Intro to Complex Variables II (or transfer equivalent)	3
		TOTAL	15		TOTAL
FIFTH YEAR					
	FALL SEMESTER	CR		SPRING SEMESTER	CR
	Engineering Course	3		Engineering Course (3)	3
	Engineering Course	3		Engineering Course (3)	3
	Engineering Course	3		Engineering Course	3
	CMAT 443 Introduction to Operations Research (or transfer equivalent)	3		Engineering Course (3)	3
	CMAT 475 Seminar I (or transfer equivalent)	3		Engineering Course	3
		TOTAL	15		TOTAL

DIVISION OF SOCIAL SCIENCES

Department of Sociology and Criminal Justice

Thomas W. Cole, Jr., Research Center for Science and Technology, Room 2003

Telephone: (404) 880-6659

Dr. Henry Elonge

(Interim Chair)

helonge@cau.edu

The mission of the Department of Sociology and Criminal Justice is to prepare students with knowledge, skills, and values to become proficient in the use of major theoretical and practical perspectives on society in general, and the criminal justice system in particular, that positively impact global issues.

The vision of the Department of Sociology and Criminal Justice is to train students with cutting-edge innovative social and protective programs of study that resolve societal problems and garner graduates with academic achievement to successfully compete and serve globally.

The Department of Sociology and Criminal Justice was formed in 2001 by consolidating the W. E. B. DuBois Department of Sociology and the Department of Criminal Justice. The Department currently offers degree programs in Sociology and in Criminal Justice based on an interdisciplinary approach to the study of social, legal, organizational, and behavioral frameworks. A combination of traditional and non-traditional courses with supervised qualitative and quantitative research and fieldwork provides students with a comprehensive educational experience. Graduates of these degree programs are represented both at the national and international levels in teaching and practitioner positions as well as hold executive positions in law enforcement agencies.

The Department is committed to locating and recruiting those students interested in sociology and criminal justice regardless of their previous academic bent - social science, engineering, police science, sociology and criminology. In every area of sociology and criminal justice, there is a need for students who are committed to making positive changes within African American society and the criminal justice system; changes that positively affect African-Americans in general and African-American offenders and victims in particular.

The Department is also committed to providing students with the knowledge, academic skills, and values that are essential to becoming successful graduate students, responsible practitioners and leaders in the criminal justice system and related areas; and, always to be useful, productive and fulfilled citizens in an increasingly complex society.

Programs of Study

1. Bachelor of Arts in Sociology (122 Credits)
2. Bachelor of Arts in Criminal Justice (122 Credits)
3. Minor in Sociology (18 Credits)
4. Minor in Criminal Justice (18 Credits)

Bachelor of Arts Degree in Sociology (122 Credits)

Program Description

The Bachelor of Arts Degree in Sociology is concerned with the functions, societal institutions, and social aspects of human behavior and interpersonal relationships. The program emphasizes social services, career preparation, and community-related activities that reflect the University's urban

environment. Graduates of this program will have the content knowledge and foundation for better understanding and engaging with the globalizing world. Students will be equipped with the tools needed to make sense of the shifting social world and contribute solutions to difficult social problems in work settings as varied as education, social services, and business as well as pursue advanced graduate level social science study.

Student Learning Outcomes

Graduates of the Sociology Program will be able to:

1. Evaluate ethical dilemmas, standards of conduct, and/or professional formation in sociological research and inquiry.
2. Describe the role of culture and social structure in shaping individual lives and be able to provide and recognize examples of this process.
3. Interpret and communicate the “sociological perspective” and the diverse intersections of social categories and frames of analysis to promote social justice in a global context, including race, class, gender, sexuality, age, religion, and nationality.
4. Identify sociological theories and core concepts of social structure; culture; social stratification and inequality; race, ethnicity, and gender; and globalization.
5. Apply qualitative and quantitative research strategies and methodologies to examine sociological perspective on human conditions.
6. Translate publicly available data (census data, polling data, etc.) into discursive English to highlight in a theoretically informed way trends and relationships between variables.

Admissions Requirements

Applicants to the Bachelor of Arts Degree in Sociology must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in Sociology must complete all required and cognate courses and electives in sociology with minimum final grades of “C”. The department requires that students with a major in sociology must choose a minor. Many of our students minor in criminal justice, but a student may minor in any approved area. Ideally, the minor should be selected by the student’s sophomore year.

Required Courses: 51 Credits

CSCJ 215 Introduction to Sociology (3)

CSCJ 218 Social Problems (3)

CSCJ 388 Sociological Theory (3)

CSCJ 387 Methods of Social Research (3)

CSCJ 337 Statistics (3)

CSCJ 480 Senior Project (3), and

Minimum of eleven (11) additional sociology electives numbered 300 and above.

Sociology Electives (300 level or above): 18 Credits

Students choose 6 courses.

CSCJ 308 Medical Sociology (3)

CSCJ 310 Criminology (3)

CSCJ 314 Victimology (3)

CSCJ 315 Social Psychology (3)

CSCJ 338 Social Statistics (3)

CSCJ 350 Introduction to GIS (3)

CSCJ 352 Marriage and Family (3)
CSCJ 355 Race, Place, and Space (3)
CSCJ 389 Social Research Methods II (3)
CSCJ 400 Comparative Systems in Sociology & Criminal Justice (3)
CSCJ 404 Juvenile Delinquency (3)
CSCJ 405 Criminal Law (3)
CSCJ 410 Seminar on Organized Crime (3)
CSCJ 420 Special Topics I (3), or CSCJ 421 Special Topics II (3)
CSCJ 426 Internship II (3)
CSCJ 430 Race & Ethnic Relations (3)
CSCJ 431 Social Stratification (3)
CSCJ 480 Senior Project (3)
CSCJ 490 Independent Study (3)

Required Minor Related Courses: 18 Credits

See the minor requirements for your selected program for the specific requirements.

Required Courses: 6 Credits (CFLS/CFLF 101 (3) OR CFLS/CFLF (3) 1 year of a Modern Foreign Language 101 or higher

Free Electives: Some Acceptable Non-Sociology/Criminal Justice Electives for the Department of Sociology and Criminal Justice Administration: 24 Credits

African Women Study (300 and 400 level courses)

AWS 490 Introduction to Women Studies (3)

Political Science (300 and 400 level courses)

CPSC 313 Urban Politics and Policy (3)

CPSC 322 International Relations (3)

CPSC 361 Political Policy I (3)

CPSC 362 Political Policy II (3)

Religion (300 and 400 level courses)

CREL 361 Culture and Religion (3)

CREL 362 Psychology of Religion (3)

CPHI 431 African-American Philosophy (3)

Philosophy (300 and 400 level courses)

CPHI 331 History of Western Philosophy: Africa to Present I (3)

CPHI 362 Social and Political Philosophy (3)

CPHI 411 Islamic Philosophy (3)

CPHI 421 Philosophies of the African Continent (3)

CPHI 431 African-American Philosophy (3)

History (300 and 400 level courses)

CHIS 433 History of Urban America (3)

CHIS 450 The Jim Crow South (3)

Psychology (300 and 400 level courses)

CPSY 315 Social Psychology (3)

CPSY 318 Industrial/ Organizational Psychology (3)

CPSY 320 Social Personality Development (3)

CPSY 330 African- Centered Psychology (3)

CSPY 358 Human Sexuality (3)

CPSY 371 Experimental Psychology (3)

CPSY 372 Experimental Psychology I (3)

CPSY 374 Experimental Psychology II (3)

CPSY 385 Abnormal Psychology (3)
CPSY 398 Adolescent Psychology (3)
CPSY 410 Organizational Behavior (3)
CPSY 413 Learning
CSPY 492 Cooperative Educational Experience (3)

Note: Free Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

General Education Requirements: 36 Credits

AREA A. Humanities/Fine Arts: 9 Credits

CREL 101 Biblical Heritage (3), or
CPHI 105 Critical Thinking (3)
CHIS 212 History of the U.S. since 1865 (3)
CART 150 Art Appreciation (3), or
CMUS 120 Music Appreciation (3)

AREA B. Social/Behavioral Sciences: 6 Credits

CPSC 219 American Government & Politics (3)
CPSY 211 General Psychology (3)

AREA C. Natural Science/Mathematics/Statistics: 6 Credits

CMAT 104 Finite Mathematics (3) or
CMAT 105 Pre-Calculus I or
CMAT 106 Pre-Calculus II and
CBIO 101 Biological Sciences (3) or
CPHY 102 Physical Science (3)

AREA D. Communication: 9 Credits

CENG 105 College Composition (3)
CENG 106 College Composition (3)
CSTA 101 Fundamentals of Speech (3)

AREA E. Financial/Technological: 6 Credits

CBUS 250 Personal Finance (3), and
CECO 251 Principles of Economics (3), or
CECO 250 Principles of Macroeconomics (3), or
CCIS 100 Information Technology (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I
CGED 101 First-Year Seminar II

**Bachelor of Arts Degree in Sociology
(122 Credits)**

Freshman Year – 1st Semester 16 hrs.	Freshman Year - 2nd Semester: 16 hrs.
CGED 100 First Year Seminar (1)	CGED 101 First Year Seminar (1)
Area D: CENG 105 College Composition (3) (req)	Area D: CENG 106 College Composition II(3) (req)
CSCJ 201 Intro to Sociology (3) (req)	CSCJ 218 Social Problems (3) (req)
Area C: CMAT Finite Math (3) (recommended)	Area E: choose from Area E options on back
Area D: CSTA 101 Fundamentals of Speech (3) (recommended)	Area A: choose from Area A options on back
Area B: choose from Area B options on back	Area A: choose from Area A options on back
Sophomore Year 1st Semester 15 hrs.	Sophomore Year - 2nd Semester: 15 hrs.
Area A: choose from Area A options on back	Area E: choose from area E options on back
Area C: CPHY 102 Physical Science (3)	Area B: choose from Area B options on back
Minor Elective (3)	Minor Elective (3)
CFL 101 Spanish or other Language)	CFL 102 Spanish or other Language
Minor Elective (3)	Minor Elective (3)
Junior Year 1st Semester 15 hrs.	Junior Year - 2nd Semester: 15 hrs.
CSCJ 337 Statistics I (3) (req)	CSCJ 388 Sociological Theory (3) (req)
CSCJ 387 Scope and Methods of Research I(3) (req)	Minor Elective (3)
CSCJ Major Elective (3) 300 or 400 level (req)	Minor Elective (3)
CSCJ Major Elective (3) 300 or 400 level (req)	CSCJ Major Elective (3) 300 or 400 level (req)
CSCJ Major Elective (3) 300 or 400 level (req)	CSCJ Major Elective (3) 300 or 400 level (req)
Senior Year - 1st Semester 15 hrs.	Senior Year - 2nd Semester: 15 hrs.
CSCJ Major Elective (3) 300 or 400 level (req)	CSCJ Senior Thesis or CSCJ 480 Senior Project (3) (req)
CSCJ Major Elective (3) 300 or 400 level (req)	CSCJ Major Elective (3) 300 or 400 level (req)
CSCJ Major Elective (3) 300 or 400 level (req)	Free/General Elective (3)
CSCJ Major Elective (3) 300 or 400 level (req)	Free/General Elective (3)
CSCJ Major Elective (3) 300 or 400 level (req)	Free/General Elective (3)

General Education Courses for Sociology & Criminal Justice Majors

Sociology & Criminal Justice - General Education Core Curriculum		
Area A: Humanities/Fine Arts <u>(CHOOSE 3 FROM COURSES LISTED BELOW IN THIS SECTION)</u> 9 total hours required from this section	See Recommended Courses, but you may select any from the course list below	Required courses
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPhi 105 Critical Thinking RECOMMENDED	<input checked="" type="checkbox"/>	
CPhi 221 Introduction to Philosophy	<input type="checkbox"/>	
CPhi 241 Philosophy of Religion	<input type="checkbox"/>	
CPhi 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences <u>(CHOOSE 2 FROM COURSES LISTED BELOW IN THIS SECTION)</u> (6 hours required)	See Recommended Courses, but you may select any from the course list below	Required courses
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input type="checkbox"/>	
CPSC 219 American Government and Politics	<input type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology RECOMMENDED	<input checked="" type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	

CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (ONE MATH, ONE SCIENCE REQUIRED FROM COURSES BELOW) (6 hours required)	See Recommended Courses, but you may select any from the course list below	Required courses
MATHEMATICS		
CMAT 104 Finite Mathematics RECOMMENDED	<input checked="" type="checkbox"/>	
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS (May choose this science or biological science)		
CPHY 102 Physical Science (non-science majors) RECOMMENDED	<input checked="" type="checkbox"/>	
BIOLOGICAL SCIENCES (may choose this science or physical science)		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
Area D. Communications (9 hours required)	See Recommended Courses, but you may select any from the course list below	Required courses
ENGLISH		
CENG 105 College Composition I REQUIRED min grade of C	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II REQUIRED min grade of C	<input checked="" type="checkbox"/>	Required for all Majors
SPEECH		
CSTA 101 Fundamentals of Speech RECOMMENDED	<input checked="" type="checkbox"/>	
Area E. Financial / Technological (6 hours required)	See Recommended Courses, but you may select any from the course list below	Required courses
BUSINESS		
CBUS 250 Personal Finance RECOMMENDED	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	

RECOMMENDED		
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Minor in Criminal Justice

Required Courses	Semester/Year	Grade	Credit hours
CSCJ 201 Induction to Criminal Justice (3) {must take}			
2 courses (6 hours) of lower level {choose 2 of the following 3} <ul style="list-style-type: none"> ○ CSCJ 205 Law Enforcement ○ CSCJ 215 Introduction to Sociology ○ CSCJ 218 Social Problems 			
3 courses (9 hours) {Choose any 3} 300 or 400 level CSCJ Criminal Justice Courses (excluding CSCJ 337 Statistics)			
Total Credit Hours			18
Additional Clarifications: <ul style="list-style-type: none"> ○ All 300/400 level CSCJ credit hours must be taken at Clark Atlanta University. ○ An overall “C” average in courses applied to the minor is required and all courses applied to the minor must be taken for a letter grade. ○ A course cannot count twice toward both your Major and Minor 			
Notes:			

Acceptable “Non-Sociology/Criminal Justice” Major Electives for the Department of Sociology and Criminal Justice Administration

Note: You may take up to 4 courses from these options outside of the department. Also check during each registration period for 300/400 level course offerings in those departments not listed below.

African Women Study (300 and 400 level courses)

AWS 490, Introduction to Women Studies

Political Science (300 and 400 level courses)

CPSC 313, Urban Politics and Policy

CPSC 322, International Relations

CPSC 361, Political Policy I

CPSC 362, Political Policy II

Religion (300 and 400 level courses)

CREL 361, Culture and Religion

CREL 362, Psychology of Religion

CPHI 431, African-American Philosophy

Philosophy (300 and 400 level courses)

CPHI 331, History of Western Philosophy: Africa to Present I (3)

CPHI 362, Social and Political Philosophy

CPHI 411, Islamic Philosophy

CPHI 421, Philosophies of the African Continent

CPHI 431, African-American Philosophy

History (300 and 400 level courses)

CHIS 433, History of Urban America

CHIS 450, The Jim Crow South

Psychology (300 and 400 level courses)

CPSY 315, Social Psychology

CPSY 318, Industrial/ Organizational Psychology

CPSY 320, Social Personality Development

CPSY 330, African- Centered Psychology

CSPY 358, Human Sexuality

CPSY 371, Experimental Psychology

CPSY 372, Experimental Psychology I

CPSY 374, Experimental Psychology II

CPSY 385, Abnormal Psychology

CPSY 398, Adolescent Psychology

CPSY 410, Organizational Behavior

CPSY 413, Learning

CSPY 492 Cooperative Educational Experience

Minor in Sociology

Students with any University major can minor in Sociology which requires eighteen (18) credits of Sociology coursework.

Required Courses (18 Credits)

CSCJ 215 Introduction to Sociology (3), and

Students choose 2 of the following:

CSCJ 218 Social Problems (3)

CSCJ 216 Cultural Anthropology (3)

CPSC 219 American Government and Politics (3)

CECO 250 Principles of Economics (3), or

CECO 251 Macroeconomics (3)

AND (9) Nine credit hours of upper-level Sociology courses (excluding CSCJ 337 Statistics).

Any of the above listed coursework that a student takes to satisfy the General Education requirements cannot be also counted toward the minor.

In addition, students must meet all prerequisites for enrolling in upper-level Sociology courses and all nine credit hours of upper-level Sociology course work must be taken in residence at Clark Atlanta University. A grade of "C" in courses applied to the minor is required and all courses applied to the minor must be taken for a letter grade.

Program of Study

Bachelor of Arts in Criminal Justice (122 Credits)

Program Description

The Bachelor of Arts Degree in Criminal Justice is an interdisciplinary approach to the study of crime and justice. "Criminal Justice" refers to law enforcement, processes of the courts and corrections as a system for the administration of city, county, state and federal laws and procedures. The curriculum includes a broad range of study to meet the academic needs of both pre-professional students who plan future careers in the criminal justice field and those currently employed in criminal justice and juvenile justice systems. The courses are designed to give students an understanding of the theoretical knowledge base and the extent of empirical data and findings in this field of study, and focuses on the following: the interrelationship of the criminal justice system with other social institutions; crime prevention; the forms of crime and the classification of offenders; policing and crime control; the courts, probation and parole; rehabilitation treatment interventions and counseling programs; and qualitative and statistical methods in the measurement and analysis of crime. This foundation will prepare students for careers in criminal justice, including but not limited to law enforcement, law enforcement and court administration, social services, and graduate study.

Student Learning Outcomes:

Graduates of the Criminal Justice Program will be able to:

1. Discuss theoretical concepts and perspectives of criminology in our society.
2. Explain theoretical perspectives pertaining to criminal activities to inform the nature of crime, the historical and philosophical foundations of law enforcement agencies, criminal courts, and correctional institutions.
3. Integrate constitutional due process guarantees with the management practices of law enforcement, prosecution, and corrections.
4. Recognize the differences between crimes and other types of legal and moral wrongs and discuss the role of punishments and the effect that punishment has on the substantive criminal law and the law of criminal procedure.
5. Examine and communicate the current research topics and policy in the area of criminal justice critically and objectively.

Admissions Requirements:

Applicants to the Bachelor of Arts Degree in Criminal Justice must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in Criminal Justice must complete all required courses and electives in criminal justice with minimum final grades of "C". The department requires that students with a major in criminal justice choose a minor. Many of our students minor in sociology, but a student may minor in any approved area. Ideally, the minor should be selected by the student's sophomore year.

Required Courses: 51 Credits

CSCJ 201 Introduction to Criminal Justice (3)

CSCJ 310 Criminology (3)

CSCJ 388 Sociological Theory (3)

CSCJ 387 Methods of Social Research I (3)

CSCJ 337 Statistics (3)

CSCJ 425 Internship (3)

Minimum of eleven (11) additional Criminal Justice courses numbered 300 and above.

Required Cognate Courses: CFLS/CFLF 101 (3) AND CFLS/CFLF 102 (3) 1 year of a modern foreign language: **6 Credits**

CSCJ 425 Internship or 426 (Students seeking an internship must complete the internship application, which may be obtained from the Department of Sociology/Criminal Justice.)

AND a minimum of six (6) additional criminal justice and non-criminal justice electives numbered 300 and above, among which up to three of the above listed non-criminal justice courses must be included.

Criminal Justice Electives: 18 Credits

Students choose 6 of the following:

CSCJ 305 Criminal Investigation (3)

CSCJ 314 Victimology (3)

CSCJ 320 Criminal Justice Management (3)

CSCJ 338 Social Statistics (3)

CSCJ 350 Introduction to GIS

CSCJ 355 Race, Place, and Space

CSCJ 389 Social Research Methods II (3)

CSCJ 400 Comparative Systems in Sociology & Criminal Justice (3)

CSCJ 401 Corrections (3)

CSCJ 403 Judicial Process (3)

CSCJ 404 Juvenile Delinquency (3)

CSCJ 405 Criminal Law (3)

CSCJ 410 Seminar on Organized Crime (3)

CSCJ 420 Special Topics I (3), or CSCJ 421 Special Topics II (3)

CSCJ 426 Internship II (3)

CSCJ 430 Race & Ethnic Relations (3)

CSCJ 431 Social Stratification (3)

CSCJ 480 Senior Project (3)

CSCJ 490 Independent Study

Free Electives: Some Acceptable Non-Sociology/Criminal Justice Electives for the Department of Sociology and Criminal Justice Administration: 24 Credits

African Women Study (300 and 400 level courses)

CAWS 490 Introduction to Women Studies (3)

Political Science (300 and 400 level courses)

CPSC 313 Urban Politics and Policy (3)

CPSC 322 International Relations (3)

CPSC 361 Political Policy I (3)

CPSC 362 Political Policy II (3)

Religion (300 and 400 level courses)

CREL 361 Culture and Religion (3)

CREL 362 Psychology of Religion (3)

CPHI 431 African-American Philosophy (3)

Philosophy (300 and 400 level courses)

CPHI 331 History of Western Philosophy: Africa to Present I (3)

CPHI 362 Social and Political Philosophy (3)

CPHI 411 Islamic Philosophy (3)

CPHI 421 Philosophies of the African Continent (3)

CPHI 431 African-American Philosophy (3)

History (300 and 400 level courses)

CHIS 433 History of Urban America (3)

CHIS 450 The Jim Crow South (3)

Psychology (300 and 400 level courses)

CPSY 315 Social Psychology (3)

CPSY 318 Industrial/ Organizational Psychology (3)

CPSY 320 Social Personality Development (3)

CPSY 330 African- Centered Psychology (3)

CSPY 358 Human Sexuality (3)

CPSY 371 Experimental Psychology (3)

CPSY 372 Experimental Psychology I (3)

CPSY 374 Experimental Psychology II (3)

CPSY 385 Abnormal Psychology (3)

CPSY 398 Adolescent Psychology (3)

CPSY 410 Organizational Behavior (3)

CPSY 413 Learning (3)

CSPY 492 Cooperative Educational Experience (3)

Note: Free Electives should be chosen in consultation with the advisor depending on the choice of minor or stackable credentials.

Students should also consider a double major in sociology, psychology, history, or political science.

General Education requirements: 36 Credits

AREA A. Humanities/Fine Arts: 9 Credits

CREL 101 Biblical Heritage (3) or

CPHI 105 Critical Thinking (3);

CHIS 212 History of the U.S. since 1865 (3); and

CART 150 Art Appreciation (3) or

CMUS 120 Music Appreciation (3)

AREA B. Social/Behavioral Sciences: 6 Credits

CPSC 219 American Government & Politics (3) and

CPSY 211 General Psychology (3)

AREA C. Natural Science/Mathematics/Statistics: 6 Credits

CPHY 102 Physical Science (3) or
CBIO 101 Biological Sciences and
CMAT 104 Finite Mathematics (3) or
CMAT 105 Pre-Calculus I or
CMAT106 Pre-Calculus II

AREA D. Communication: 9 Credits

CENG 105 College Composition (3)
CENG 106 College Composition (3)
CSTA 101 Fundamentals of Speech (3)

AREA E. Financial/Technological: 6 Credits

CBUS 250 Financial Planning (3), and
CECO 251 Principles of Economics (3), or
CECO 250 Principles of Macroeconomics (3), or
CCIS 100 Information Technology (3)

Other University Requirements: 2 Credits

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II (1)

Minor in Criminal Justice

Students with any University major can minor in Criminal Justice, which requires eighteen (18) credits of coursework.

Required Courses (18 Credits)

CSCJ 201 Introduction to Criminal Justice (3), and

Students choose 2 of the following.

CSCJ 205 Law Enforcement (3)
CSCJ 218 Introduction to Sociology (3)
CSCJ Social Problems

AND (9) Nine credit hours of upper-level Sociology courses (excluding CSCJ 337 Statistics).

Any of the above listed coursework that a student takes to satisfy the General Education requirements cannot be also counted toward the minor.

In addition, students must meet all prerequisites for enrolling in upper-level Sociology courses and all nine credit hours of upper-level Sociology course work must be taken in residence at Clark Atlanta University. A grade of "C" in courses applied to the minor is required and all courses applied to the minor must be taken for a letter grade.

**Bachelor of Arts Degree in Criminal Justice
(122 Credits)**

Freshman Year – 1st Semester 16 hrs.	Freshman Year - 2nd Semester: 16 hrs.
CGED 100 First Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (req)	Area D: CENG 106 College Composition II (3) (req)
CSCJ 201 Intro to Sociology (3) (req)	Area B: choose from Area B options on back
Area C: CMAT Finite Math (3) (recommended)	Area E: choose from Area E options on back
Area D: CSTA 101 Fundamentals of Speech (3) (recommended)	Area A: choose from Area A options on back
Area B: choose from Area B options on back	Area A: choose from Area A options on back
Sophomore Year 1st Semester 15 hrs.	Sophomore Year - 2nd Semester: 15 hrs.
Area A: choose from Area A options on back	Area E: choose from Area E options on back
Area C: choose from Area C options on back	CSCJ 310 Criminology (3) (req)
Minor Elective (3)	Minor Elective (3)
CFL 101 Spanish or French	CFL 102 Spanish or French
Minor Elective (3)	Minor Elective (3)
Junior Year 1st Semester 15 hrs.	Junior Year - 2nd Semester: 15 hrs.
CSCJ 337 Statistics I (3) (req)	CSCJ 388 Sociological Theory (3) (req)
CSCJ 387 Scope and Methods of Research I(3) (req)	Minor Elective (3)
CSCJ Major Elective (3) 300 or 400 level (req)	Minor Elective (3)
Free/General Elective (3)	CSCJ Major Elective (3) 300 or 400 level (req)
CSCJ Major Elective (3) 300 or 400 level (req)	CSCJ Major Elective (3) 300 or 400 level (req)
Senior Year - 1st Semester 15 hrs.	Senior Year - 2nd Semester: 15 hrs.
CSCJ Major Elective (3) 300 or 400 level (req)	CSCJ 425 Internship (3) (req)
CSCJ Major Elective (3) 300 or 400 level (req)	Free/General Elective (3)
Free/General Elective (3)	Free/General Elective (3)
Free/General Elective (3)	Free/General Elective (3)
Free/General Elective (3)	Free/General Elective (3)

Minor in Sociology

Required Courses	Semester/Year	Grade	Credit hours
CSCJ 215 Introduction to Sociology (3) {must take}			
2 courses (6 hours) of lower level {choose 2 of the following 5} CSCJ 216 Intro to Anthropology CECO 250 Principles of Economics CPSC 219 American Government and Politics CSCJ 218 Social Problems CSCJ 251 Macroeconomics			
3 courses (9 hours) {Choose any 3} 300 or 400 level CSCJ Sociology Courses (excluding CSCJ 337 Statistics)			
Total Credit Hours			18
Additional Clarifications: <ul style="list-style-type: none"> ○ All 300/400 level CSCJ credit hours must be taken at Clark Atlanta University. An overall “C” average in courses applied to the minor is required and all courses applied to the minor must be taken for a letter grade. <ul style="list-style-type: none"> ○ A course cannot count twice toward both your Major and Minor 			
Notes:			

Acceptable “Non-Sociology/Criminal Justice” Major Electives for the Department of Sociology and Criminal Justice Administration

Note: You may take up to 4 courses from these options outside of the department. Also check during each registration period for 300/400 level course offerings in those departments not listed below.

African Women Study (300 and 400 level courses)

AWS 490, Introduction to Women Studies

Political Science (300 and 400 level courses)

CPSC 313, Urban Politics and Policy
 CPSC 322, International Relations
 CPSC 361, Political Policy I
 CPSC 362, Political Policy II

Religion (300 and 400 level courses)

CREL 361, Culture and Religion
 CREL 362, Psychology of Religion
 CPHI 431, African-American Philosophy

Philosophy (300 and 400 level courses)

- CPHI 331, History of Western Philosophy: Africa to Present I (3)
- CPHI 362, Social and Political Philosophy
- CPHI 411, Islamic Philosophy
- CPHI 421, Philosophies of the African Continent
- CPHI 431, African-American Philosophy

History (300 and 400 level courses)

- CHIS 433, History of Urban America
- CHIS 450, The Jim Crow South

Psychology (300 and 400 level courses)

- CPSY 315, Social Psychology
- CPSY 318, Industrial/ Organizational Psychology
- CPSY 320, Social Personality Development
- CPSY 330, African- Centered Psychology
- CSPY 358, Human Sexuality
- CPSY 371, Experimental Psychology
- CPSY 372, Experimental Psychology I
- CPSY 374, Experimental Psychology II
- CPSY 385, Abnormal Psychology
- CPSY 398, Adolescent Psychology
- CPSY 410, Organizational Behavior
- CPSY 413, Learning
- CSPY 492 Cooperative Educational Experience

General Education Courses

Area A: Humanities/Fine Arts (3-9 total hours required)
HISTORY
CHIS 201 The United States, Africa and the World I
CHIS 202 The United States, Africa and the World II
CHIS 211 History of the United States before 1865
CHIS 212 History of the United States since 1865
HUMANITIES
CART 150 Art Appreciation
CHUM 228 Early Period: 1500 - 1914
CHUM 230 Modern Period: World War I - Present
CMUS 119 World Music
CMUS 120 Music Appreciation
CSTA 252 Theatre Appreciation
PHILOSOPHY / RELIGION
CPHI 105 Critical Thinking
CPHI 221 Introduction to Philosophy
CPHI 241 Philosophy of Religion
CPHI 262 Science, Technology and Human Values
CREL 101 The Biblical Heritage
CREL 103 African American Religious Experiences I
CREL 104 African American Religious Experiences II

CREL 250 Comparative Religion
Area B: Social / Behavioral Sciences (3-9 hours required)
POLITICAL SCIENCE
CPSC 106 Politics and Global Issues
CPSC 219 American Government and Politics
PSYCHOLOGY
CPSY 211 General Psychology
CPSY 218 Human Growth and Development
CRIMINAL JUSTICE / SOCIOLOGY
CSCJ 105 Culture and Society
CSCJ 215 Introduction to Sociology
CSCJ 218 Contemporary Social Problems
CSCJ 216 Introduction to Anthropology
Area C: Natural Science/Mathematics/Statistics (3-9 hours required)
BIOLOGICAL SCIENCES
CBIO 101 Biological Science (non-science majors)
CBIO 111/CBIO 111L General Biology I and Lab
CBIO 112/CBIO 112L General Biology II and Lab
CHEMISTRY
CCHE 111/CCHE 111L General Chemistry I Lecture and Recitation and Lab
CCHE 112/CCHE 112L General Chemistry II Lecture and Recitation and Lab
MATHEMATICS
CMAT 104 Finite Mathematics
CMAT 105 Pre-Calculus I
CMAT 106 Pre-Calculus II
CMAT 107 Accelerated Calculus (STEM Majors only)
CMAT 109 College Algebra for Business and Economics
CMAT 110 Applied Calculus for Business and Economics
CMAT 111 Calculus I
CMAT 112 Calculus II
CMAT 113 Calculus for Biological Science (majors only)
PHYSICS
CPHY 102 Physical Science (non-science majors)
CPHY 111/CPHY 111L General Physics and Lab
CPHY 121/CPHY 121L Mechanics Lecture and Lab
CPHY 122/CPHY 122L Electricity and Magnetism Lecture and Lab
CPHY 123/CPHY 123L Optics and Modern Physics Lecture and Lab
Area D: Communications (3-9 hours required)
ENGLISH
CENG 105 College Composition I (Required for all majors)
CENG 106 College Composition II (Required for all majors)
CENG 201 World Literature I
CENG 202 World Literature II
FOREIGN LANGUAGE

CFLF 101 Elementary I (French)
CFLF 102 Elementary II (French)
CFLF 201 Intermediate I (French)
CFLF 202 Intermediate II (French)
CFLS 101 Elementary I (Spanish)
CFLS 102 Elementary II (Spanish)
CFLS 201 Intermediate I (Spanish)
CFLS 202 Intermediate II (Spanish)
SPEECH
CSTA 101 Fundamentals of Speech
Area E: Financial / Technological (3-9 hours required)
ART
CART 227 Computer Imaging (Art and Fashion Majors only)
BUSINESS
CBUS 250 Personal Finance
COMPUTER SCIENCE
CCIS 100 Information Technology and Computer Applications (Non CCIS Majors)
CCIS 101 Introduction to Computers (Majors)
CCIS 253 Scientific Computing for Simulation, Analysis and Lab (Biology Majors)
VISUALIZATION (STEM Majors)
CCIS 104 Business Programming
CCIS 105 Programming Principles I
CCIS 121 Introduction Computer Systems
ECONOMICS
CECO 107 Introduction to Economics
CECO 250 Principles of Economics
CECO 251 Principles of Macroeconomics
EDUCATION
CEDC 262 Educational Technology (School of Education Majors only)

Statement of Outcomes Assessment

Two fundamental learning goals of the sociology and criminal justice administration major are student competences in research methods and theory. The Department meets these goals through our courses in Social Science Research Methods, Statistics, Criminology, and Sociological Theory, which are all required by both majors. After completing the required outcomes assessment courses, sociology and criminal justice majors should be able to:

1. Describe and apply classical and contemporary theories in at least one area of social reality.
2. Describe and evaluate classical and contemporary theories of crime causation and apply these theories to real world phenomena.
3. Identify basic methodological approaches and describe the general role of methods in building sociological knowledge.
4. Design a research study in an area of choice.
5. Develop proficiency in understanding statistics sufficiently to analyze scholarly articles in the field.
6. Conduct social research by developing, administering, and analyzing surveys.

In each of the required theory and research courses, the instructor of the outcomes assessment course is responsible for awarding student grades; however, outcomes assessment is the shared

responsibility of all full-time department faculty. It is at the discretion of the individual instructor whether or not to consider departmental faculty evaluations of student work in their courses when awarding student grades for the course.

For sociology majors, departmental faculty will review and evaluate the research paper or other writing submitted in Sociological Theory and the final paper submitted for Methods of Social Research. For criminal justice majors, departmental faculty will critique and assess the research paper submitted in Criminology and the final paper submitted for Methods of Social Research. For students majoring in both sociology and criminal justice, three evaluations will be done by departmental faculty: the research paper for Sociological Theory, Criminology, and Methods of Social Research.

For a student to pass his/her outcomes assessment requirement, a majority of the departmental faculty must agree that the quality of the work done for both courses demonstrates competence. If a student fails to meet the necessary criteria for any of their outcomes assessment paper requirements, the student may: (1) revise the written work, submit a new paper for consideration prior to the end of the semester during which the student is enrolled in the course, and give an oral presentation of the paper before the department faculty reviewers; (2) request an Incomplete (in accordance with the Academic Policies set forth in the *Clark Atlanta University Undergraduate Catalog*), revise the written work, submit a new paper for consideration within the allotted time period, and give an oral presentation of the paper before the department faculty reviewers; or (3) repeat the course (in accordance with the Academic Policies set forth in the *CAU Undergraduate Catalog*).

It is possible that a student may pass his/her outcomes assessment but receive less than a C grade for the course in which the outcomes assessment work was done. In such a case, the student does not have to go through the outcomes assessment process again; however, the course has to be repeated, since students must achieve at least a C grade in all required courses for the major.

It is also conceivable that a student may fail the outcomes assessment process, yet achieve a C or better in the course in which the outcomes assessment work was required. In such a case, the student does not have to repeat the course, but must follow guidelines outlined above for students who do not pass their outcome assessment requirement.

Department of Political Science
Knowles Hall, Third Floor
Telephone: (404) 880-8718

Dr. Kurt Young (Chair)
kyoung@cau.edu

Overview

The Clark Atlanta University Department of Political Science offers both the Master of Arts and Doctor of Philosophy degrees, the only private HBCU to do so. Over the years, the Department has been among the leading producers of African American political scientists both female and male, and can count among its graduates four college and university presidents, foreign diplomats, heads of international NGOs, and renowned scholars. Also, the department has produced scholars of African, Caribbean, Asian, and European origin, who are working in institutions all over the world.

The Department's faculty teaches and conducts research on a wide variety of topics: urban politics, public policy, elections and voting behavior, environmental justice, women in development, African politics, Caribbean and Latin American politics, Pan- Africanism, conflict and conflict resolution, democratization, religion and politics, and U.S. foreign policy.

Our graduate curriculum begins with facts and knowledge of the political experience of black people in the U.S., the plight of marginalized and oppressed people; we seek a thorough understanding of global political experiences. The contradictions of the U.S. and other political-economic systems are analyzed from an interdisciplinary perspective that promotes deepened theoretical understandings, a search for alternatives, and positive social changes. Utilizing a scholar-activist paradigm, the department seeks to carry out its program through a pattern of human relationships which stress openness, honesty, and a cooperative spirit.

Mission

In harmony with university goals, the mission of the Department of Political Science is to provide a unique learning environment as one of only two such departments offering Doctor of Philosophy, Master of Arts and Bachelor of Arts degrees in political science at Historically Black Colleges and Universities (HBCUs), and the only one of its kind among private HBCUs. Our program intertwines rigorous academic study, community involvement, emphasis on the black political experience, and a progressive global vision through innovative education in political science at both the undergraduate and graduate levels.

Central to its mission, the Department caters to a student body that is predominantly African American, but also includes a significant percentage of international students from Africa, Asia, the Caribbean, and the Americas. The Department of Political Science will continue to play a leading role in producing graduates holding the Ph.D., M.A. and B.A. degrees in political science who teach and work all around the world.

Vision

The Department of Political Science aims to be the major center for black political scholarship in the United States and throughout the African Diaspora, and to become a center of political understanding for change for the disadvantaged of the world.

PROGRAM OF STUDY

1. Bachelor of Arts Degree in Political Science (122 Credit Hours)
2. Minor in Political Science (18 Credit Hours)

1. Bachelor of Arts in Political Science (122 credits) PROGRAM DESCRIPTION

The undergraduate program in political science is designed to help students understand how politics affect the lives of people at the local, national, and international levels. The curriculum requirements for the Bachelor of Arts degree place emphasis on the political experience of African Americans in the United States, as well as African and African diaspora communities. It also seeks to develop a universal understanding of political behavior. In discussing politics, we are engaged with a broad range of questions. Such questions include:

- Why are some people more politically involved than others?
- Why do some seek and obtain tangible benefits from the political process while others settle for symbolic reassurance?
- How and to what extent has politics been used as a tool for both domination and human freedom?
- How has politics hindered or facilitated the struggle for racial equality in the United States?

STUDENT LEARNING OUTCOMES

Graduates with a Major in Political Science will be able to:

1. Discuss major theories, concepts and empirical regularities of political institutions and political behavior.
2. Critically analyze key issues of public policy and political problems and detect fallacies and martial evidence to formulate policy argument and options.
3. Demonstrate competency with basic tools underlying modern social science research to include statistical and qualitative analysis.
4. Write clearly and purposely on complex issues of international and domestic politics and public policy.
5. Use electronic and tradition library resources to research key local, state, national and international policy issues and present results in oral and written formats.
6. Utilize contemporary social science research methods to conduct research on political phenomena.

Admissions Requirements

Applicants must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in Political Science must earn minimum final grades of "C" in all required and cognate courses and electives.

General Education Requirements: 30 Credit Hours

AREA A: Humanities/ Fine Arts: 9 credits

CPHI 105 Critical Thinking (3)
CHIS 211 History of the U.S. to 1865 (3)
CHIS 212 History of the U.S. since 1865 (3)

AREA B: Social/Behavioural Sciences: 3 Credits

CPSC 106 Politics & Global Issues (3)

AREA C: Natural Sciences/ Mathematics/ Statistics: 6 credits

CMAT 104 Finite Mathematics (3), or
CMAT 105 Pre-Calculus (3), and
CBIO 101 Biological Science (3), or
CPHY 102 Physical Science (3)

AREA D: Communications: 9 credits

CENG 105 College Composition I (3)
CENG 106 College Composition II (3)
CFLF 101 Elementary French I (3), or
CFLS 101 Elementary Spanish I (3)

AREA E: Financial/Technological: 3 Credits

CECO 251 Principles of Macroeconomics (3)

Other University Requirements: 2 Credit Hours

CGED 100 First-Year Seminar I (1)
CGED 101 First-Year Seminar II

Required Political Science Courses: 36 Credit Hours

CPSC 219 American Government and Politics (3)
CPSC 221 State and Local Government (3)
CPSC 313 Urban Politics and Policy (3)
CPSC 315 Comparative Politics (3)
CPSC 322 International Relations (3)
CPSC 337 Statistics I (3)
CPSC 337 Statistics I Laboratory (0)
CPSC 338 Statistics II (3)
CPSC 338 Statistics I Laboratory (0)
CPSC 361 Political Theory I (3)
CPSC 362 Political Theory II (3)
CPSC 387 Scope and Methods of Research (3)
CPSC 420 Politics of Africa (3) CPSC 479 Senior Thesis (3)

Required Electives: 30 Credits (Students choose 10 courses).

CPSC 220 Introduction to Public Policy (3)
CPSC 309 Introduction to Urban Planning (3)
CPSC 319 Electoral Politics (3)
CPSC 336 Current World Problems (3)
CPSC 352 American Foreign Policy (3)
CPSC 371 Science and Public Policy (3)
CPSC 372 Comparative Public Policy (3)
CPSC 374 Constitutional Law (3)
CPSC 375 Political and Civil Rights (3)
CPSC 394 Politics in Contemporary Thought (3)

CPSC 480 Independent Study (3)
 CPSC 483 Independent Study (3)
 CPSC 484 Internship (3)
 CPSC 486 Internship (3)
 CPSC 487 Internship (3)
 CPSC 490 Washington Internship in Public Policy (3)

Cognate Courses: 6 Credit Hours

CENG 201 World Lit I (3), or CENG 202 World Lit II (3), and
 CENG 311 Advanced Grammar & Composition

***Free Electives: 18 Credit Hours**

***Note: Free Electives should be chosen in consultation with the advisor and may be used for a minor or stackable credentials.**

Internship Programs

The Department of Political Science encourages students who are interested in community service, job experience, and public service, to enroll in the Political Science internship program or the Washington Internship Program. The programs provide undergraduate majors with opportunities to work part-time or full-time and receive a minimum of three (3) and maximum of twelve (12) credit hours toward their degree. Students interested in the programs should contact a political science faculty advisor for more information and approval.

**Bachelor of Arts Degree in Political Science
 (122 Credits)**

Freshman Year					
	Fall Semester	Cr		Spring Semester	Cr
	CGED 100 First-Year Seminar (1)	1	CGED 101	First-Year Seminar (1)	1
Area C:	CMAT 104 Finite Mathematics or CMAT 105 Pre-Calculus I	3	Area D:	CFLF 101 Elementary French I or CFLS 101 Elementary Spanish I	3
Area D:	CENG 105 College Composition I	3	Area D:	CENG 106 College Composition II	3
Area A:	CPHI 105 Critical Thinking	3	Area B:	CPSC 106 Politics & Global Issues	3
Area A:	CHIS 211 History of the U.S. to 1865	3	Area A:	CHIS 212 History of the U.S. since 1865	3
CPSC 2XX or 3XX	Required Major Elective	3	2XX	Free Elective or Minor *	3
	TOTAL	16		TOTAL	16
Sophomore Year					
	Fall Semester	Cr		Spring Semester	Cr
Cognate:	CENG 201 World Lit I or CENG 202 World Lit II	3	Cognate:	CENG 311 Advanced Grammar & Composition	3
CPSC 219	American Government & Politics	3	CPSC 211:	State & Local Government	3
Area E:	CECO 251 Principles of Macroeconomics	3	Area C:	CBIO 101 Biological Science or CPHY 102 Physical Science	3
CPSC 2XX or 3XX	Required Major Elective	3	CPSC 2XX OR 3XX	Required Major Elective	3
CPSC 2XX or 3XX	Required Major Elective	3	3XX or 4XX	Free Elective or Minor *	3
	TOTAL	15		TOTAL	15
Junior Year					
	Fall Semester	Cr		Spring Semester	Cr
CPSC 337	Statistics I	3	CPSC 338	Statistics II	3
CPSC 313	Urban Politics	3	CPSC 362	Political Theory II	3

CPSC 361	Political Theory I	3	3XX or 4XX	Free Elective or Minor *	3
CPSC 315	Comparative Politics	3	3XX or 4XX	Free Elective or Minor *	3
3XX or 4XX	Free Elective or Minor *	3	CPSC 3XX OR 4XX	Reqd. Major Elective or Independent Study or Internship	3
	TOTAL	15		TOTAL	15
Senior Year					
	Fall Semester	Cr		Spring Semester	Cr
CPSC 387	Scope and Methods of Research	3	CPSC 479	Senior Thesis Capstone	3
CPSC 322	International Relations	3	CPSC 420	Politics of Africa	3
CPSC 3XX or 4XX	Reqd. Major Elective	3	3XX or 4XX	Free Elective or Minor *	3
CPSC 3XX or 4XX	Reqd. Major Elective	3	CPSC 3XX or 4XX	Reqd. Major Elective	3
CPSC 3XX or 4XX	Reqd. Major Elective or CPSC 4XX Independent Study or CPSC 4XX Internship	3	CPSC 3XX OR 4XX	Reqd. Major Elective or CPSC 4XX Internship	3
	TOTAL	15		TOTAL	15
*Free Electives should be chosen in consultation with the advisor and may be used for a minor or stackable credentials.					
Percentage of 300 and 400 level courses beyond GED: <u>68.78% - 81.25%</u>					

Minor in Political Science (18 Credits)

The Minor in Political Science is designed to provide students in other disciplines with a broad knowledge of institutions, processes, and theories of politics in the U.S., in other nations, and internationally. The minor in Political Science requires eighteen (18) hours of Criminal Justice coursework. The minor provides students with a foundation in political science that will enhance careers in other fields of study.

Student Learning Outcomes

Graduates with a Minor in Political Science will be able to:

1. Discuss the values, beliefs, and institutions that constitute the political tradition of the American political system, other global political systems, and their patterns of interactions and sources of international conflict and cooperation between them.
2. Evaluate conflicting political arguments, assemble and present empirical evidence, and make reasoned conclusions from the evidence available.
3. Communicate the connection between political concepts, theories, methods, and political experience in oral and written forms.
4. Identify the interconnecting points that exist between political science and other disciplines in the social sciences such as but not limited to law/legal studies, history, sociology, and geography.
5. Understand the contemporaneous events and major transformations that shape politics on the local, nation, and international levels.

Required Courses: 18 Credits

- CPSC 219 American Government and Politics (3)
- CPSC 313 Urban Politics & Policy (3)
- CPSC 315 Comparative Politics (3)
- CPSC 322 International Relations (3)
- CPSC 361 Political Theory I or CPSC 362, Political Theory II (3)
- CPSC 420 Politics of Africa (3)

Major Prerequisites for Political Science

Course with Prerequisite	Required Prerequisite
CPSC 336 - Current World Problems	CPSC 219 - American Govern & Politics CPSC 322 - International Relations
CPSC 338 - Statistics II	CPSC 337 - Statistics I
CPSC 375 - Political and Civil Rights	CPSC 374 - Constitutional Law
CPSC 387 - Scope and Methods of Research	CPSC 337 - Statistics I and CPSC 338 - Statistics II
CPSC 394 - Pol in Contemporary Thought	CPSC 361 - Political Theory I OR CPSC 362 - Political Theory II
CPSC 479 - Senior Thesis	CPSC 387 - Scope and Methods of Research
CPSC 479H - Senior Thesis	CPSC 361 Political Theory I and CPSC 362 Political Theory II, and PSC 387 Scope and Methods of Research
CPSC 480 - Independent Study	Permission of the Department Chairperson
CPSC 483 - Independent Study	Permission of the Department Chairperson
CPSC 484 - Internship	Permission of the Department Chairperson
CPSC 487 - Internship	Permission of the Department Chairperson
CPSC 490 - Washington Internship	Permission of the Department Chairperson
Additional Clarifications:	

Minor in Political Science

All minors require a total of 18 semester credit hours from another School or Department.

Required Courses	Credit Hours
CPSC 219 American Government and Politics (3)	3
CPSC 313 Urban Politics & Policy (3)	3
CPSC 315 Comparative Politics (3)	3
CPSC 322 International Relations (3)	3
CPSC 420 Politics of Africa (3)	3
CPSC 361 Political Theory I or CPSC 362, Political Theory II (3)	3
CPSC 219 American Government and Politics (3)	3
Total Credit Hours	18
Additional Clarifications: Course substitutions are not allowed for the minor.	

General Education Courses for Political Science

General Education Core Curriculum

Please list all General Education course recommendations for this Major

- **Note:** Departments may “recommend” Non-Department GE courses, but may not “require” GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input checked="" type="checkbox"/>	REQ
CHIS 212 History of the United States since 1865	<input checked="" type="checkbox"/>	REQ
HUMANITIES		
CART 150 Art Appreciation	<input type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input type="checkbox"/>	
CMUS 119 World Music	<input type="checkbox"/>	
CMUS 120 Music Appreciation	<input type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	REQ
CPHI 221 Introduction to Philosophy	<input type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input type="checkbox"/>	
CREL 101 The Biblical Heritage	<input type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input type="checkbox"/>	
CREL 104 African American Religious Experiences II	<input type="checkbox"/>	
CREL 250 Comparative Religion	<input type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input checked="" type="checkbox"/>	REQ
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	REQ
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	

Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	REQ
CBIO 111 General Biology I	<input type="checkbox"/>	
CBIO 112 General Biology II	<input type="checkbox"/>	
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input type="checkbox"/>	REQ
CMAT 105 Pre-Calculus I	<input type="checkbox"/>	REQ
CMAT 106 Pre-Calculus II	<input type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input type="checkbox"/>	
CMAT 111 Calculus I	<input type="checkbox"/>	
CMAT 112 Calculus II	<input type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	REQ
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	
Area D. Communications (3-9 hours required)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	REQ
CENG 202 World Literature II	<input type="checkbox"/>	REQ
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	REQ
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	REQ
CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input type="checkbox"/>	
SPEECH		

CSTA 101 Fundamentals of Speech	<input type="checkbox"/>	
Area E. Financial / Technological (3-9)	Check box for courses "recommended" for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input type="checkbox"/>	
CCIS 101 Introduction to Computing	<input type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input checked="" type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input checked="" type="checkbox"/>	REQ
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for Political Science

“Major”/department courses (required):	<u>66</u> credit hours (Grade of C or higher required)
General Education (required):	<u>30</u> credit hours
Major/CGED “related” cognate courses:	<u>6</u> credit hours (CENG 201 World Lit I (3), or CENG 202 World Lit II (3), and CENG 311 Advanced Grammar & Composition)
Other University Requirements: Major/CGED “related”	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives or “Minor” related courses (required):	<u>18</u> credit hours
Total Credit Hours <u>122</u>	

Knowles Hall, Room 217
Telephone: (404) 880-8236

Dr. Timothy Moore
Chair
tmoore@cau.edu

The mission of the Department of Psychology is to prepare undergraduate students to excel in the field of mental health by providing innovative teaching, action-oriented research opportunities, internship training, as well as the skills and values needed for careers in a dynamic, multicultural global setting.

The vision of the Department of Psychology is to expand its interdisciplinary study of public health, neuroscience, and study abroad initiatives and develop graduate level program(s) in counseling and/or clinical psychology to meet the mental health, social and human needs of a global society.

The Department of Psychology provides specialized training for students planning professional careers in psychology, sociology, social work, and special education services. The Department offers a broad array of courses in psychology to provide a strong background for students who are planning careers in business, education, law, medicine, and social work as well as multiple professional careers in the psychology related fields.

Students considering graduate studies in psychology should plan their major with the guidance of their assigned department advisor so that elective courses may be tailored to their specific career and educational goals. Students majoring in disciplines other than psychology and find psychology courses relevant to their educational goals are welcome to register for those classes after they have completed the prerequisite courses.

Programs of Study

1. Bachelor of Arts Degree in Psychology (122 Credits)
2. Bachelors of Science Degree in Psychology (122 Credits)
3. Minor in Psychology (18 Credits)

Program of Study

Bachelor of Arts Degree in Psychology (122 Credits)

Program Description

The Bachelor of Arts Degree in Psychology program is designed to train students to understand human behavior. Psychology, as a field of knowledge, is grounded in both the biological and social sciences. The program courses aid in developing students' abilities to think critically, to become independent investigators, and to impart a philosophy of appreciation for a developing and maturing science based on well-grounded experimental evidence. The faculty advisors are available to suggest elective courses that will provide a strong foundation for career goals.

Student Learning Outcomes

Graduates of the Bachelor of Arts in Psychology Program will be able to:

1. Discuss basic theories and application of psychological concepts in the field of mental health.
2. Describe experimentation and research methods utilized in the fields of social science.
3. Identify physiological basis of behavior and diagnosis and treatment of the major psychological disorders.

4. Explain the aspects of the environment and culture which influence human behavior and relationship dynamics in oral and written forms.
5. Apply theoretical approaches of psychology and its interdisciplinary subspecialties to conduct research on social and organizational development, learning and behavior of individuals in groups and organizations.

Admissions Requirements

Applicants to the Bachelor of Arts and the Bachelor of Science Degrees in Psychology must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Arts Degree in Psychology must complete all required courses in Psychology and courses which are being counted as Psychology Electives with minimum final grades of "C" or better.

Required Psychology Courses: 37 Credits

- CPSY 211 General Psychology (3)
- CPSY 220 Careers in Psychology (3)
- CPSY 313 Statistics I (3)
- CPSY 314 Statistics II (3)
- CPSY 315 Social Psychology (3)
- CPSY 371, Experimental Psychology (3)
- CPSY 371L Experimental Psychology Laboratory (1)
- CPSY 377 History and Systems of Psychology (3)
- CPSY 385 Abnormal Psychology (3)
- CPSY 413 Learning (3)
- CPSY 415 Physiological Psychology (3)
- CPSY 418 Seminar (3)
- CPSY 488 Internship (3)

Psychology Electives: 18 Credits

- CPSY XXX Psychology Elective (3)*
- CPSY XXX Psychology Elective (3)*
- CPSY XXX Psychology Elective (3)*
- CPSY XXX Psychology Elective (3)*
- CPSY XXX Psychology Elective (3)*
- CPSY XXX Psychology Elective (3)*

Psychology Electives may include any CPSY courses which are not specifically required.

Cognate Requirements: 7 credits

- Foreign Language course numbered 101 or higher (3)
- CBIO 112 General Biology II (4)

Minors / Free electives: 18 Credits

MINORS FOR PSYCHOLOGY are Optional but Recommended

General Education Courses: 31 Credits

AREA A: Humanities/Fine Arts: 6 Credits

- 1 Humanities course: CHUM 228 (3), CHUM 230 (3), CART 150(3), CMUS 119 (3), CMUS 120 (3), or CSTA 252 (3)
- 1 Religion or Philosophy course: CREL 101 (3), CREL 211 (3), CPHI 105 (3),

CPHI 221 (3) or CPHI 262 (3)

AREA B: Social/Behavioral Sciences: 6 Credits

2 courses from the following: CHIS 201 (3), CHIS 202 (3), CHIS 211 (3),
CHIS 212 (3), CSCJ 105(3), CSCJ 215 (3), CPSC 106 (3)

AREA C: Natural Sciences/Mathematics: 7 Credits

CBIO 111 (4), CBIO 112 (4), and CMAT 104 or higher (3)

AREA D: Communications: 9 Credits

CENG 105 (3), CENG 106 (3), and CSTA 101 (3),

AREA E: Finance/Technology: 3 Credits

CCIS 100 (3), CCIS 101(3), or CBUS 250 (3)

1st-Year Seminar: 2 Credits

CGED 100 – First-Year Seminar (1)

CGED 101 – First-Year Seminar (1)

Free Electives: 9 Credits

CXXX XXX, General Elective (3)*

CXXX XXX, General Elective (3)*

CXXX XXX, General Elective (3)*

General Elective courses should be chosen in consultation with the student's academic advisor.

***At least 60% of all credits other than General Education courses must be at the 300 level or higher.**

**** In order to graduate with a BA in Psychology, students must complete all core, required psychology, elective psychology, cognate psychology, and minor/concentration courses and have enough General Elective credits to obtain a total of at least 122 credits. Other than this, there is no specific required number of General Elective credits or courses.**

Plan of Study for Bachelor of Arts Degree in Psychology (122 Credits)

Freshman Year – 1st Semester (14 hours)	Freshman Year - 2nd Semester (17 hours)
CGED 100 First-Year Seminar (1)	CGED 101 First-Year Seminar (1)
Area D: CENG 105 College Composition (3) (required)	Area D: CENG 106 College Composition II (3) (required)
CMAT 104 – Finite Mathematics (3)	CPSY 211-General Psychology (3)
Humanities Core (3)	Social Science Core (3)
CBIO 111 – General Biology I (4)	CBIO 112 – General Biology II (4)
	Finance/Technology Core (3)
Sophomore Year 1st Semester (15 hours)	Sophomore Year - 2nd Semester (15 hours)
Rel/Phi Core (3)	CPSY 220 – Careers in Psychology (3)
CPSY 313 – Statistics I (3)	CPSY 314 – Statistics II (3)
CFLX 101 – Elem For Lang I (3)	CSTA 101-Fundamentals of Speech (3)
Social Science Core (3)	CPSY 415 – Physiological Psychology (3)
CPSY 385 – Abnormal Psychology (3)	CPSY XXX – Psychology Elective (3)
Junior Year 1st Semester (16 hours)	Junior Year - 2nd Semester (15 hours)
CPSY 371/L – Experimental Psy w/Lab (4)	CPSY 413 – Learning (3)
CPSY XXX – Psychology Elective (3)	CPSY XXX – Psychology Elective (3)
CXXX XXX – General Elective (3)	CPSY XXX – Psychology Elective (3)
CXXX XXX – General Elective (3)	CXXX XXX – General Elective (3)
CXXX XXX – Minor/Conc Elective (3)	CXXX XXX – Minor/Conc Elective (3)
Senior Year - 1st Semester (15 hours)	Senior Year - 2nd Semester (15 hours)
CPSY 315 – Social Psychology (3)	CPSY 418 – Seminar (3)
CPSY 488 – Internship (3)	CPSY 377 – His/Sys of Psychology (3)
CPSY XXX – Psychology Elective (3)	CPSY XXX – Psychology Elective (3)
CXXX XXX – Minor/Conc Elective (3)	CXXX XXX – Minor/Conc Elective (3)
CXXX XXX – Minor/Conc Elective (3)	CXXX XXX – Minor/Conc Elective (3)

Major Prerequisites for Psychology BA

Course with Prerequisite	Required Prerequisite
All CPSY except 211, 218, 220, 313, and 314	CPSY 211 – General Psychology
CPSY 313 – Statistics I	CMAT 104 or higher
CPSY 314 – Statistics II	CPSY 313 – Statistics I
CPSY 371/371L – Experimental Psychology	CPSY 313 – Statistics I
CPSY 415 – Physiological Psychology	CBIO 111 & 112 – Gen Bio I and II
CPSY 418 – Seminar	CPSY 220, 313, 314, 371/L, 385, 413, 415
Additional Clarifications:	

Minor in Psychology

All minors require a total of 18 semester credit hours from another School or Department.

Required Courses	Credit Hours
CPSY 315 – Social Psychology	3
CPSY 377 – History & Systems of Psychology	3
CPSY 385 – Abnormal Psychology	3
CPSY 413 – Learning	3
CPSY XXX – Psychology Elective	3
CPSY XXX – Psychology Elective	3
Total Credit Hours	18
Additional Clarifications: CPSY 211 is a required elective for all Minor courses.	

General Education Courses for Psychology-BA

General Education Core Curriculum

Please check all General Education course recommendations for this Major

- **Note:** Departments may **“recommend”** Non-Department GE courses, **but may not “require”** GE courses outside of your Department without approval from the Office of the Provost.

Area A: Humanities/Fine Arts 9 total hours required from this section	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
HISTORY		
CHIS 201 The United States, Africa and the World I	<input checked="" type="checkbox"/>	
CHIS 202 The United States, Africa and the World II	<input checked="" type="checkbox"/>	
CHIS 211 History of the United States before 1865	<input checked="" type="checkbox"/>	
CHIS 212 History of the United States since 1865	<input checked="" type="checkbox"/>	
HUMANITIES		
CART 150 Art Appreciation	<input checked="" type="checkbox"/>	
CHUM 228 Early Period: 1500 - 1914	<input checked="" type="checkbox"/>	
CHUM 230 Modern Period: World War I - Present	<input checked="" type="checkbox"/>	
CMUS 119 World Music	<input checked="" type="checkbox"/>	
CMUS 120 Music Appreciation	<input checked="" type="checkbox"/>	
CSTA 252 Theatre Appreciation	<input checked="" type="checkbox"/>	
PHILOSOPHY / RELIGION		
CPHI 105 Critical Thinking	<input checked="" type="checkbox"/>	
CPHI 221 Introduction to Philosophy	<input checked="" type="checkbox"/>	
CPHI 241 Philosophy of Religion	<input checked="" type="checkbox"/>	
CPHI 262 Science, Technology and Human Values	<input checked="" type="checkbox"/>	
CREL 101 The Biblical Heritage	<input checked="" type="checkbox"/>	
CREL 103 African American Religious Experiences I	<input checked="" type="checkbox"/>	

CREL 104 African American Religious Experiences II	<input checked="" type="checkbox"/>	
CREL 250 Comparative Religion	<input checked="" type="checkbox"/>	
Area B. Social / Behavioral Sciences (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
POLITICAL SCIENCE		
CPSC 106 Politics and Global Issues	<input checked="" type="checkbox"/>	
CPSC 219 American Government and Politics	<input checked="" type="checkbox"/>	
PSYCHOLOGY		
CPSY 211 General Psychology	<input type="checkbox"/>	
CPSY 218 Human Growth and Development	<input type="checkbox"/>	
CRIMINAL JUSTICE / SOCIOLOGY		
CSCJ 105 Culture and Society	<input checked="" type="checkbox"/>	
CSCJ 215 Introduction to Sociology	<input checked="" type="checkbox"/>	
CSCJ 218 Contemporary Social Problems	<input type="checkbox"/>	
CSCJ 216 Introduction to Anthropology	<input type="checkbox"/>	
Area C. Natural Science/Mathematics/Statistics (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
BIOLOGICAL SCIENCES		
CBIO 101 Biological Science (non-science majors)	<input type="checkbox"/>	
CBIO 111 General Biology I	<input checked="" type="checkbox"/>	REQ
CBIO 112 General Biology II	<input checked="" type="checkbox"/>	REQ
CHEMISTRY		
CCHE 111 General Chemistry I	<input type="checkbox"/>	
CCHE 112 General Chemistry II	<input type="checkbox"/>	
MATHEMATICS		
CMAT 104 Finite Mathematics	<input checked="" type="checkbox"/>	REQ
CMAT 105 Pre-Calculus I	<input checked="" type="checkbox"/>	
CMAT 106 Pre-Calculus II	<input checked="" type="checkbox"/>	
CMAT 109 College Algebra for Business and Economics	<input checked="" type="checkbox"/>	
CMAT 110 Applied Calculus for Business and Economics	<input checked="" type="checkbox"/>	
CMAT 111 Calculus I	<input checked="" type="checkbox"/>	
CMAT 112 Calculus II	<input checked="" type="checkbox"/>	
PHYSICS		
CPHY 102 Physical Science (non-science majors)	<input type="checkbox"/>	
CPHY 111 General Physics	<input type="checkbox"/>	
CPHY 121/L Mechanics Lecture and Lab	<input type="checkbox"/>	
CPHY 122 Electricity and Magnetism Lecture and Lab	<input type="checkbox"/>	
CPHY 123 Optics and Modern Physics Lecture and Lab	<input type="checkbox"/>	

Area D. Communications (3-9 hours required)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ENGLISH		
CENG 105 College Composition I	<input checked="" type="checkbox"/>	Required for all Majors
CENG 106 College Composition II	<input checked="" type="checkbox"/>	Required for all Majors
CENG 201 World Literature I	<input type="checkbox"/>	
CENG 202 World Literature II	<input type="checkbox"/>	
FOREIGN LANGUAGE		
CFLF 101 Elementary I (French)	<input checked="" type="checkbox"/>	
CFLF 102 Elementary II (French)	<input checked="" type="checkbox"/>	
CFLF 201 Intermediate I (French)	<input checked="" type="checkbox"/>	
CFLF 202 Intermediate II (French)	<input checked="" type="checkbox"/>	
CFLS 101 Elementary I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 102 Elementary II (Spanish)	<input checked="" type="checkbox"/>	
CFLS 201 Intermediate I (Spanish)	<input checked="" type="checkbox"/>	
CFLS 202 Intermediate II (Spanish)	<input checked="" type="checkbox"/>	
SPEECH		
CSTA 101 Fundamentals of Speech	<input checked="" type="checkbox"/>	REQ
Area E. Financial / Technological (3-9)	Check box for courses “recommended” for your Majors	Required course within your department for your Majors, if so type REQ
ART		
CART 227 Computer Imaging (Art and Fashion Majors only)	<input type="checkbox"/>	
BUSINESS		
CBUS 250 Personal Finance	<input checked="" type="checkbox"/>	
COMPUTER SCIENCE		
CCIS 100 Information Technology and Computer Applications	<input checked="" type="checkbox"/>	
CCIS 101 Introduction to Computing	<input checked="" type="checkbox"/>	
CCIS 253 Scientific Computing for Simulation, Analysis and	<input type="checkbox"/>	
Visualization (STEM Majors)		
CCIS 104 Business Programming	<input type="checkbox"/>	
CCIS 105 Programming Principles I	<input type="checkbox"/>	
CCIS 121 Introduction Computer Systems	<input type="checkbox"/>	
ECONOMICS		
CECO 107 Introduction to Economics	<input type="checkbox"/>	
CECO 250 Principles of Economics	<input type="checkbox"/>	
CECO 251 Principles of Macroeconomics	<input type="checkbox"/>	
EDUCATION		
CEDC 262 Educational Technology	<input type="checkbox"/>	

Summary of Discipline and Cognate Courses for

“Major”/department courses (required):	<u>55</u> credit hours (Grade of C or higher required)
“Minor” related courses (recommended):	<u>18</u> credit hours
Major/CGED “related” courses:	<u>3</u> credit hours (foreign languages 101 or higher)
General Education (required):	<u>35</u> credit hours
Other University Requirements:	<u>2</u> credit hours (First Year Seminar 100 & 101)
General/Free Electives:	<u>9</u> credit hours
Total Credit Hours <u>122</u>	

Program of Study

Bachelor of Science Degree in Psychology (122 Credits)

Program Description

The Bachelor of Science Degree in Psychology program is designed to provide students, with strong research, communication, and critical thinking skills that are necessary for students interested in graduate studies and baccalaureate degree-level careers from a variety of disciplines. The BS degree in Psychology, while offering similar emphasis on liberal arts as the BA degree in Psychology, provides to students who have a strong interest in science a background to pursue further studies in professions such as psychiatry/medicine, cognitive/neuroscience, psychopharmacology/pharmacology, genetic counseling, public health, etc. The department faculty advisors are available to suggest elective courses that will provide a strong foundation for career goals.

Student Learning Outcomes

Graduates of the Bachelor of Science Degree in Psychology Program will be able to:

1. Discuss the breadth of general theoretical approaches to psychology.
2. Identify the interrelatedness of several psychology sub-disciplines to the natural sciences.
3. Use foundational topics of research methodology to demonstrate competence in communication, critical/analytical, and problem-solving skills.
4. Utilize the statistical tools needed to accurately summarize and interpret data.
5. Apply psychological theory in practice and research/methodology.
6. Demonstrate an understanding of the variability of human behavior from a diverse, cross-cultural, and multidimensional perspective.
7. Demonstrate an understanding and commitment to ethical principles of science and psychology.

Admissions Requirements

Applicants to the Bachelor of Science Degree in Psychology must meet the General Admissions Requirements as published in this Catalog.

Degree Requirements

In addition to the General Degree Requirements as published in this Catalog, students pursuing the Bachelor of Science Degree in Psychology must complete all required courses in Psychology, all courses counting as Psychology Electives, and all Major Cognate Courses for BS Degree with final grades of “C” or better.

Required Psychology Courses: 37 Credits

- CPSY 211 General Psychology (3)
- CPSY 220 Careers in Psychology (3)
- CPSY 313 Statistics I (3)

CPSY 314 Statistics II (3)
CPSY 315 Social Psychology (3)
CPSY 371 Experimental Psychology (3)
CPSY 371L Experimental Psychology Laboratory (1)
CPSY 377 History and Systems of Psychology (3)
CPSY 385 Abnormal Psychology (3)
CPSY 413 Learning (3)
CPSY 415 Physiological Psychology (3)
CPSY 418 Seminar (3)
CPSY 488 Internship (3)

Psychology Electives: 15 Credits (List your potential electives here)

CPSY XXX Psychology Elective (3)*
CPSY XXX Psychology Elective (3)*
CPSY XXX Psychology Elective (3)*
CPSY XXX Psychology Elective (3)*
CPSY XXX Psychology Elective (3)*

Psychology Electives may include any CPSY courses which are not specifically required.

Cognate Requirements: 7 Credits

Foreign language course numbered 101 or higher (3)
CBIO 112 General Biology II (4)

Major Cognate Courses for BS Degree: 24 Credits

CPHY 111/111L General and Modern Physics I and Laboratory (4)
CCHE 111/111L General Chemistry and Laboratory (4)
CCHE 112/112L General Chemistry II and Laboratory (4)
CCHE 231/231L Organic Chemistry I and Laboratory (4)
CCHE 232/232L Organic Chemistry II and Laboratory (4)
CMAT 111 Calculus I (4)

General Education Courses: 31 Credits

AREA A: Humanities/Fine Arts: 6 Credits

1 Humanities course: CHUM 228 (3), CHUM 230 (3), CART 150(3),
CMUS 119 (3), CMUS 120 (3), or CSTA 252 (3)

1 Religion or Philosophy course: CREL 101 (3), CREL 211 (3), CPHI 105 (3),
CPHI 221 (3) or CPHI 262 (3)

AREA B: Social/Behavioral Sciences: 6 Credits

2 courses from the following: CHIS 201 (3), CHIS 202 (3), CHIS 211 (3),
CHIS 212 (3), CSCJ 105(3), CSCJ 215 (3), CPSC 106 (3)

AREA C: Natural Sciences/Mathematics: 11 Credits

CBIO 111 (4), CBIO 112 (4), and CMAT 106 or higher (3)

AREA D: Communications: 9 Credits

CENG 105 (3), CENG 106 (3), and CSTA 101 (3)

AREA E: Finance/Technology: 3 Credits

CCIS 100 (3), CCIS 101(3), or CBUS 250 (3)

1st-Year Seminar: 2 Credits

CGED 100 – First-Year Seminar (1)

CGED 101 – First-Year Seminar (1)

Free Electives: 6 Credits

CXXX XXX, General Elective (3)*

CXXX XXX, General Elective (3)*

General Elective courses should be chosen in consultation with the student's academic advisor.

* At least 60% of credits beyond the core and cognate courses for the BS Degree must be at the 300 level or higher.

** In order to graduate with a BS in Psychology, students must complete all core, required psychology, elective psychology, cognate psychology, and science courses for the BS and have enough General Elective credits to obtain a total of at least 122 credits. Other than this, there is no specific required number of General Elective credits or courses.

Plan of Study for Bachelor of Science Degree in Psychology (122 Credits)

Freshman Year					
	1st Semester	Cr		2nd Semester	Cr
CBIO111	General Biology I and Lab	4	CBIO112	General Biology II and Lab	4
CENG 105	College Composition I AREA D	3	CENG 106	College Composition II AREA D	3
CGED 100	First-Year Seminar I	1	CGED 101	First-Year Seminar II	1
CXXX	AREA C	3	CXXX	AREA A	3
CXXX	AREA A	3	CXXX	AREA B	3
			CXXX	AREA E	3
	TOTAL	14		TOTAL	17
Sophomore Year					
	1st Semester	Cr		2nd Semester	Cr
CCHE 111/111L	General Chemistry and Lab	4	CCHE 112/112L	General Chemistry II and Lab	4
CPSY 211	General Psychology	3	CPSY 220	Careers in Psychology	3
CPSY 313	Statistics I	3	CPSY 314	Statistics II	3
CXXX	AREA B	3	CXXX	AREA D	3
CMAT 111	Calculus I	4	CPSY 415	Physiological Psychology	3
	TOTAL	17		TOTAL	16
Junior Year					
	1st Semester	Cr		2nd Semester	Cr
CCHE 231/231L	Organic Chemistry I and Lab	4	CCHE 232/232L	Organic Chemistry II and Lab	4
CPSY 371	Experimental Psychology	3	CPSY 385	Abnormal Psychology	3
CPSY 371L	Experimental Psychology Lab	1	CPSY 413	Learning	3
CPSY 315	Social Psychology	3	CPSY XXX	Psychology Elective	3
CFLX	Any Foreign Language Course numbered 101 or higher	3			
CPSY XXX	Psychology Elective	3			
	TOTAL	17		TOTAL	13
Senior Year					
	1st Semester	Cr		2nd Semester	Cr
CPHY 111/111L	General and Modern Physics I and Lab	4	CPSY 418	Senior Seminar	3
CPSY 377	History & Systems of Psychology	3	CPSY XXX*	Psychology Elective	3
CPSY 488	Internship	3	CPSY XXX*	Psychology Elective	3
CPSY XXX*	Psychology Elective	3	CXXX XXX**	General Elective	3
CXXX XXX**	General Elective	3			
	TOTAL	16		TOTAL	12
*All Psychology Electives and General Electives must be at the 300 level or higher. All general education core requirements are in bold.					
**In order to graduate with a BS in Psychology, students must complete all core, required psychology, elective psychology, cognate psychology, and science courses for the BS and have enough General Elective credits to obtain a total of at least 122 credits. Other than this, there is no specific required number of general Elective credits or courses.					

Minor in Psychology (18 Credits)

A Minor in Psychology is available to any undergraduate student at the University. It is intended to meet the needs of students who recognize that an understanding and analysis of individual psychological processes is an important component of their education.

Required Courses:

In addition to CPSY 211 (General Psychology), students with a minor in Psychology must complete at least six (6) upper division psychology courses: four (4) required courses; and two (2) elective courses, with final grades of "C" or better.

CPSY 315 Social Psychology (3)

CPSY 377 History and Systems of Psychology (3)

CPSY 385 Abnormal Psychology (3)

CPSY 413 Learning (3)

CPSY XXX Psychology Elective (3) *

CPSY XXX Psychology Elective (3) *

***All Electives in Psychology must be at the 300 Level or higher.**