



Johnson C. Smith University

2025-2026 ACADEMIC CATALOG

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University Catalog

Johnson C. Smith University

University Catalog 2025-2026

100 Beatties Ford Road
Charlotte, North Carolina
28216-5398

www.jcsu.edu (<https://www.jcsu.edu>)

The provisions of this Catalog are not to be construed as an irrevocable contract between the student and Johnson C. Smith University. This Catalog, the Student Handbook, and other documents and regulations of the University are part of the provisional relationship the student has with the University. These materials are made available to the student at or before admission and enrollment. The student, on admission,

is obligating himself or herself to submit to and be governed by the reasonable rules and regulations contained in these materials. Students should read these materials and familiarize themselves with their contractual obligations. The University reserves the right to change fees, tuition or other charges; to add or to delete courses; to revise academic programs; or to alter regulations and requirements as deemed necessary. Johnson C. Smith University offers both equal education and equal employment opportunities.

Johnson C. Smith University, Incorporated shall continue the present policy of admitting students of any race, color, sex, sexual orientation, gender identity or expression, age, national and ethnic origin to all rights, privileges, programs and activities generally accorded to or made available to students at the University.

Johnson C. Smith University is an Equal Opportunity Institution.

Johnson C. Smith University

Campus

100 - acre campus near uptown Charlotte, North Carolina

Location

- In Mecklenburg County, Southwestern North Carolina.
- Approximately 244 miles from Atlanta, Georgia.
- Approximately 355 miles from Washington, D.C.
- Conveniently located near Charlotte-Douglas International Airport.
- Easily accessible from Interstates 77 and 85.
- Beaches and mountains are only a few hours away.

History

- Founded and chartered as Biddle Memorial Institute in 1867.
- Renamed Johnson C. Smith University in 1923.
- Women first admitted in 1932.
- Joined the United Negro College Fund in 1944.
- Completed the historic "Vision Shared" \$63.8 million-dollar capital campaign drive in 1998.
- Completed the historic "Pathways to Success" \$75 million campaign drive in 2007.

Faculty

- 80 instructional full-time faculty
- Student/faculty ratio 14:1
- 92% of faculty hold doctorates and terminal degrees

Accreditation

- Colleges of the Southern Association of Colleges and Schools (SACSCOC)
- Council on Social Work Education (CSWE)

Budget

- Operating Budget - \$41,226,515
- Beneficiary of the Duke Endowment Indenture, 1924
- Tuition and Fees - \$21,300 per year (Does not include optional room and board charges or part-time/ excess charges)
- Endowment of \$69.2 million as of June 30, 2004

Academic Programs

Majors

Undergraduate

- Biology and Chemistry Double Major
- Biology Major
- Business Administration Major
- Chemistry Major
- Communication Arts Major
- Computer Engineering (CE) Major
- Computer Science/Information Systems (CS/IS) Major
- Criminology Major
- Cultural Studies Major
- Dance Major
- Information Systems Engineering (ISE) Major
- Interdisciplinary Studies Major
- Mathematics Major
- Mathematics with Pre-Math Finance Concentration Major
- Music Major - Performance Concentration
- Political Science Major
- Psychology Major
- Public Health Major
- Social Work Major
- Sport Management Major

Graduate

- Social Work

Continuing Education

- Lactation Consultant Program

Special Recognition

2014

HBCU Digest named Johnson C. Smith University Best STEM Program among historically black colleges and universities.

2012

Diverse Issues in Higher Education ranked The College of Science, Technology, Engineering, and Mathematics 18th among all universities and colleges in the U.S. in graduating African Americans in computer

and information sciences.

2011

Golden Bulls are first-time Pioneer Bowl Champions

JCSU named Top 10 Historically Black Universities Successes by *Huffington Post*

2010

President's Higher Education Community Services Honor Roll 2007-2009

2007-2009

U.S. News & World Report, Best Black Colleges – Ranked #10

2007

The Southern Association of Colleges and Schools Commission on Colleges (SACS) reaffirmed accreditation at Johnson C. Smith University for the next 10 years.

2001-2007

U.S. News & World Report, Best Colleges – Ranked among the Top Tier comprehensive colleges in the South

2005-2006

Black Issues – Top 100 Degree Producers - Ranked in Computer Science

1999-2006

Black Enterprise – Top 50 Best Colleges and Universities for African-Americans (Biannual ranking)

2004

U.S. News & World Report, Best Values – Ranked second among comprehensive colleges in the South

2003

Black Issues – Top 100 Degree Producers - Ranked in Computer Science and English

Received the *USA Today* / NCAA Academic Achievement Award

2002

Yahoo Magazine – Top 50 Most Wired Small Colleges

1997-1998

John Templeton Foundation Honor Roll for Character Building Colleges

1996

John D. and Catherine T. MacArthur Foundation Genius Grant

Special Opportunities

JCSU is the first historically black college to become an IBM ThinkPad University. The service-learning component combines academics and community service. Extensive career development opportunities abound through co-op programs and internships with over 90 companies.

Technology

Each student receives a device with complete access to a campus-wide network through wireless connectivity. Internet access is provided through electronic data ports in the library, dormitory rooms (one per pillow) and multimedia classrooms.

Accreditation Statements

Johnson C. Smith University (JCSU) is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate and master's degrees. JCSU also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Johnson C. Smith University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling 404.679.4500, or by using information available on SACSCOC's website (www.sacscoc.org).

The Bachelor of Social Work Program is fully accredited by the Council on Social Work Education (<https://www.cswe.org/>).

The Master of Social Work Program is fully accredited by the Council on Social Work Education (<https://www.cswe.org/>).

Membership Statements

Johnson C. Smith University is a member of the following:

American Association for Collegiate Registrars and Admissions Officers (<https://www.aacrao.org/>)

American Association for Higher Education (<https://www.aahea.org/>)

The American Council on Education (<https://www.acenet.edu/Pages/default.aspx>)

Association of Presbyterian Colleges and Universities (<https://www.presbyteriancolleges.org/>)

Council for Advancement and Support of Education (<https://www.case.org/>)

The College Board (<https://www.collegeboard.org/>)

The Council of Independent Colleges (<https://www.cic.edu/Pages/default.aspx>)

Council on Social Work Education (<https://www.cswe.org/>)

National Association of College Admission Counseling (<https://www.nacacnet.org/>)

National Association of College Deans, Registrars, and Admissions Officers (<https://www.nacdrao.org/>)

National Association for Equal Opportunities in Higher Education
(<https://www.nafeonation.org/>)

National Association of Independent Colleges and Universities
(<https://www.naicu.edu/>)

National Association of Student Financial Aid Administrators
(<http://www.nasfaa.org/>)

North Carolina Association of Colleges and Universities (<https://www.nacacnet.org/>)

North Carolina Association of Independent Colleges and Universities
(<https://ncicu.org/>)

Southern Association of Colleges and Schools
(<https://www.sacscoc.org/>)

Southern Association of College Registrars and Admissions Officers
(<https://www.sacrao.org/>)

United Negro College Fund (<https://uncf.org/>)

Admission to, employment by, and promotion within the University shall be based on merit, and there shall be no discrimination based on race, color, creed, sex, sexual orientation, gender identity or expression, national origin, age, or disability.

General Information

JCSU Timeline

1867: Rev. S.C. Alexander and Rev. W. L. Miller saw the need to establish an educational institution in this region of the South. On April 7, at a meeting of the Catawba Presbytery in the old Charlotte Presbyterian Church, the school was formally inaugurated, which, by charter, was named The Freedmen's College of North Carolina. The two ministers were elected teachers.

1867-1876: Mary D. Biddle of Philadelphia, PA, through appeals in a church paper, pledged \$1,400 to the newly established school. In appreciation of this generous contribution, the college was named after her late husband, Major Henry Biddle. From 1867 to 1876, the school was named Biddle Memorial Institute and was chartered by the state legislature.

1870: Stephen Mattoon was elected the first president of Biddle Memorial Institute (now Johnson C. Smith University) on October 9, 1869, and began his presidency in February 1870. He served from 1870-1884.

1876: Charlottean Colonel W. R. Myers donated the first eight acres of land for the school. The North Carolina Legislature changed the school charter, and the name became Biddle University.

1883: A new building was erected to serve as the main administrative building for the University. Built by former slaves during evening hours by candlelight, it featured recitation rooms and a 600-seat audience chamber. It still stands today as Biddle Memorial Hall and houses the Office of the President.

1884: William Alexander Holliday was the President of Biddle University from 1884-1885.

1886: William F. Johnson served as president of Biddle University from 1886-1891.

1891: Daniel Sanders was elected President of Biddle University. He served from 1891-1907.

1892: The first African American intercollegiate football game was played between Biddle University and Livingstone College in December in Salisbury, NC. The Golden Bulls won that first game, which is now an annual tradition called the Commemorative Classic.

1907: Henry Lawrence McCrory became President. He served from 1907-1947.

1919: Biddle University became the first black college in the South to offer professional courses in education.

1921-1922: Jane Berry Smith, of Pittsburgh, PA, donated funds to build a theological dormitory, science hall, teachers' cottage, and memorial gate, plus provided an endowment for the institution in memory of her late husband, Johnson C. Smith. In recognition of these gifts, the Board of Trustees changed the institution's name to Johnson C. Smith University.

1924: JCSU was recognized as a four-year college by the North Carolina State Board of Education. The University was further strengthened by a substantial provision from James B. Duke.

1924: James B. Duke established the Duke Endowment, named JCSU one of its four beneficiaries in higher education.

1938: JCSU attained the status of an independent college affiliated with the Presbyterian Church, reporting to the NC General Assembly through the Board of Christian Education.

1941: Women were admitted to the freshman class for the first time.

1944: JCSU joined the United Negro College Fund as a founding member.

1947: Hardy Liston became President. He served from 1947-1956.

1956: James W. Seabrook was an alumnus and trustee who served as President from 1956-1957.

1957: Rufus Perry was an alumnus who served as President from 1957-1968.

1965: The Mary Joyce Taylor Crisp Memorial Student Union was built.

1967: JCSU celebrated its 100th anniversary. During this historic centennial occasion, the University examined its past and made innovative plans for the future.

1969: Lionel Newsome became President. He served from 1969-1972.

1973: Wilbert Greenfield became President. He served from 1973-1982.

1983: Robert Albright became President. He served from 1983-1994. He introduced initiatives such as senior thesis requirements.

1990: The Robert L. Albright Honors College Center was built to recruit outstanding students who have the academic, social, and service commitments to function as leaders and role models on campus and in their communities.

1994: Dr. Dorothy Cowser Yancy became the first female president of JCSU. The Service-Learning Center was established as a model program in the Southern region to instill strong values of service to the community and create a well-balanced education for JCSU graduates.

1996: JCSU received a \$1-million gift from Irwin Belk, a prominent Charlotte businessperson. At the time, it was the largest gift from a living individual in the school's history.

1997: The Technology Center, now known as Dorothy Cowser Yancy Hall, was established, featuring a state-of-the-art video teleconferencing auditorium center and nine labs.

2000: JCSU gained national recognition when it launched the IBM Laptop Initiative, known as ThinkPad U, making it one of the few colleges in the country, and the first Historically Black College and University (HBCU), to provide an IBM laptop computer to every student.

2002: The Duke Endowment awarded JCSU \$3.9 million. That same year, Yahoo named the University one of the 'Top 50 Most Wired Small Colleges'.

2003: The Irwin Belk Complex, a state-of-the-art academic and sports facility, was built.

2005: The Corporate Alliance Program was established as a relationship builder to align corporate interests with university goals and objectives.

2006: The 1867 Giving Societies was established to honor the University's most generous benefactors.

2008: Dr. Ronald L. Carter became the 13th president of JCSU. He served from 2008-2018.

2009: The Duke Endowment awarded JCSU \$5.7 million, the largest single gift in the school's history, to fund two new programs: The Center for Applied Leadership and Community Development and the Metropolitan College of Professional Studies. In the first phase of a campus-wide improvement program, the Mary Joyce Taylor Crisp Memorial Student Union was renovated, and ground was broken on the Arts Factory, an innovative teaching and performance facility for students majoring in visual and performing arts.

2011: The Arts Factory opened its doors to students and the Charlotte community. The ground was broken on Mosaic Village, a mixed-use development featuring living and retail space, as well as on the transformation of the George E. Davis House into headquarters of the Foster Village Network Center. The Duke Endowment awarded a \$35-million grant to the University to support science programs, scholarships, and capital improvements on campus. It was one of the largest gifts ever given to an HBCU.

2015: The 62,000-square-foot Science Center funded by the Duke Endowment opened as the home of JCSU's innovative programs in the College of Science, Technology Engineering and Mathematics (STEM). The new center housed programs preparing students for emerging fields in renewable energy, medical informatics, bioinformatics, homeland security-STEM, analytics and bioinformatics, electronics, cyber security, and robotics programs.

2018: Clarence D. Armbrister, J.D. became the 14th president of JCSU. He served from 2018-2023.

2021: The Mayor's Racial Equity Initiative, a vision of Charlotte, NC Mayor Vi Lyles, was announced November 1, 2021, on JCSU's campus. Following national events that amplified racial inequity across the nation in summer 2020, Charlotte became a model for change when corporations and philanthropic leaders came together to pledge \$250 million, with \$80 million being earmarked for the University.

2023: Dr. Valerie Kinloch '96 became the 15th president of JCSU.

JCSU's History

The Thirteenth Amendment and the end of the Civil War brought freedom to approximately four million enslaved African Americans throughout the South. Although they gained their liberty, newly freedmen still lacked opportunities. With no education, no property, and no jobs immediately available, freedmen faced as great a struggle for prosperity after Emancipation as they did before. To help ease their transition from slavery to freedom, the Reverend S. C. Alexander, and the Reverend W. L. Miller of the Catawba Presbytery sought to establish an educational institution for freedmen in the Piedmont region of North and South Carolina. On April 7, 1867, at a meeting in the old Charlotte Presbyterian Church, formerly located at the corner of D and Fourth streets in Charlotte, the Presbytery agreed upon a plan for such a school and chose Alexander and Miller as the school's first professors.

News of the Presbytery's efforts soon reached a devout church woman in Philadelphia, PA, Mrs. Mary D. Biddle, who promptly pledged \$1,400 to the new school. In appreciation for her generous contribution, the newly established school was named for her late husband, Major Henry Biddle, who was wounded at the Battle of Glendale in June 1862 and died a month later. The school was officially chartered by the state as the Henry J. Biddle Memorial Institute and the first classes were held on May 1, 1867. Along with the Colored Presbyterian Church of Charlotte, Biddle Memorial Institute was housed in a building on C Street in Charlotte, which had been donated to the institution by the Freedmen's Bureau. Still searching for a permanent home, Biddle Memorial Institute secured a donation of eight acres of land from a wealthy Charlottean, Colonel W. R. Myers. Soon after moving to the site, the charter was changed in 1876 by the North Carolina State Legislature from Biddle Memorial Institute to Biddle University. The institution operated under this name until 1923. Other successes were achieved outside the classroom. In 1892, Biddle University played its first intercollegiate football game against Livingstone College. The Golden Bulls won that initial game, and the two teams have played every year since in what is known today as the Commemorative Classic.

During and after Reconstruction, Biddle University grew as it benefitted from individual displays of generosity and government support. Using the Freedmen's Bureau as an intermediary, Mrs. Biddle donated an additional \$10,000 to erect the main education building and two professors' houses. Those buildings were completed in 1868. Between 1921 and 1928, Mrs. Jane Berry Smith of Pittsburgh, PA, provided funds

for the erection of a theological dormitory, a science hall, a teachers' cottage, and a memorial gate. She also contributed an impressive endowment for the institution in memory of her late husband, Mr. Johnson C. Smith. In recognition of these many generous gifts, the Board of Trustees voted to change the name of the institution to Johnson C. Smith University. Thus, the North Carolina State Legislature amended the charter of the school on March 1, 1923. Before her death in October 1929, Mrs. Smith made further donations for the erection of five additional buildings, including a church.

In 1924, the University was made more stable and prosperous as a result of a tremendous gift from James B. Duke, a wealthy and magnanimous businessman of Somerville, NJ. Mr. Duke, who also owned a home in Charlotte and made a tremendous amount of money in the tobacco industry, had been contacted several years earlier by the president of JCSU, Dr. Henry L. McCrory, for a contribution to the young school.

Although Duke did not respond to President McCrory's letter, when the Duke Endowment was established on December 11, 1924, JCSU was named one of the four educational beneficiaries along with Duke University, Davidson College, and Furman University. This provided JCSU with immediate and long-term financial resources from which to draw. Through the years, the Duke Endowment's generous support has been of tremendous value to the continued development of the University.

JCSU underwent considerable demographic and financial changes in the decades before and after World War II. In 1924, the institution was recognized by the North Carolina State Board of Education as a four-year college. Five years later, the high school department was discontinued, and the standard educational program was restricted to a college of liberal arts and sciences and a theology department. In 1932, the University's charter was amended to provide for the admission of women to the senior division. The institution attained the status of an independent college, affiliated with the Presbyterian Church in the United States of America, and reporting to the General Assembly through the Board of Christian Education in 1938. By the time the Diamond Jubilee was celebrated in 1942, the University was a fully residential, coeducational institution. Two years later, JCSU joined the College Fund/ United Negro College Fund (UNCF) as a founding member. The Fund was organized to help church-related schools of higher learning revamp their training program, expand their physical plants, promote faculty growth, and create new areas of service.

With increasing support from the Duke Endowment, the UNCF, and other sources, JCSU saw significant physical and intellectual development between 1955 and 1968. In November 1955, the Henry Lawrence McCrory Theological Hall was dedicated, providing a new home for the seminary and its library, space for a small chapel, classrooms, and offices. In 1969, the theology program was moved to Atlanta, GA, and became a part of the Interdenominational Theological Center. Seven new buildings were erected on the JCSU campus during this period as well: The Jack S. Brayboy Gymnasium (1960), the Hardy Liston Residence Hall for women (1962), the University Memorial Union (1965), the Duke Memorial Library (1967), Myers Residence Hall for men, Sanders Residence Hall for women (1967), and the Rufus P. Perry Science Building (1968). Since 1968, JCSU has added several more buildings including the Johnson/Seabrook Education Building, the Mary Irwin Belk Early Childhood Education Center (1976), Greenfield Hall (1985), the Lionel H. Newsom Humanities Building (1986), the Teaching and Learning Center (1988), the Robert L. Albright Honors College Center (1990), the Faculty Center (1991), the Edward E. Crutchfield, Jr. Center for Integrated Studies (1993), the New Residence Hall (1993), the

Technology Center (1997) and the Irwin Belk Complex (2003). The addition of buildings symbolized the growth of the University and its continued success in educating young people.

As higher education became more competitive and more demanding in the 1980s, JCSU made efforts to enhance the academic curriculum and add special programs to attract and retain top students. The Teaching and Learning Center was established to provide academic support services to JCSU students, and the Honors College was created to recruit outstanding students with the academic, social, and service commitments to function as leaders and role models on campus as well as in their communities. The Service-Learning Center was added in 1994 and quickly became a model program in the South, instilling strong values of service to the community and creating a well-balanced education for JCSU graduates. Renovations and upgrades to the James B. Duke Library was completed in 1999, and after a campaign that raised more than \$6.7 million, the University renovated the historic Biddle Memorial Hall. In 1996, the University raised a \$1 million gift from Irwin Belk, a prominent Charlotte businessperson, as well as grants more than \$1 million gift from other institutions, such as the Lilly Foundation, the Department of Interior, the Duke Endowment and the Kresge Foundation. These funds allowed for continued growth.

In the 1990s, JCSU experienced a few important firsts. Dorothy Cowser Yancy became the first female president in 1994. In 2000, the University launched the IBM Laptop Initiative, becoming one of the few colleges in the country and the first Historically Black College and University (HBCU) to provide an IBM laptop computer to every student. At the end of the first decade of the new millennium, JCSU launched the Metropolitan College of Professional Studies to offer undergraduate evening and online degree programs designed to enhance opportunities for career advancement and success. These advances, among others, prompted Yahoo to name JCSU one of the "Top 50 Most Wired Small Colleges" in 2002.

Following Dr. Yancy's retirement, Dr. Ronald L. Carter became the 13th president in 2008. Under his leadership, JCSU took major steps toward becoming "Charlotte's Premier Independent Urban University". His vision of a diverse and bright future for JCSU included a number of academic initiatives and physical upgrades. A \$5.7 million gift from the Duke Endowment funded not only the Metropolitan College of Professional Studies, but also the new Center for Applied Leadership and Community Development. Aided by a generous donation from Larry Griffin, Sr., the University opened the Arts Factory building on Beatties Ford Road as the home for its new Visual and Performing Arts program. In addition to renovations to the Mary Joyce Taylor Crisp Memorial Student Union, in the summer of 2011, the University broke ground on the Mosaic Village, a four-story, mixed-use facility adjacent to the Arts Factory containing retail space, restaurants, and student housing. Groundbreaking on the new Wellness Center began later that same year. In 2015, JCSU opened the state-of-the-art New Science Center and, in 2016, established the Guangdong Baiyun University Center on American Culture and Race in Guangzhou, China thanks to a grant from the US Embassy in Beijing.

On January 1, 2018, Clarence D. (Clay) Armbrister became JCSU's 14th President.

On July 1, 2023, Chairman Boyd resigned his trustee post to serve as interim president for Johnson C. Smith University.

August 1, 2023. Dr. Valerie Kinloch was appointed as the 15th President of Johnson C. Smith University.

From its humble beginnings on the grounds of old Charlotte Presbyterian Church, JCSU has grown to 100 acres of land on the highest point in Charlotte with more than 40 academic, service, and administrative buildings. As a result of the vision and commitment of past and present.

Boards of Trustees, presidents, administrators, faculty, and staff, the University is heralded as one of the best small colleges in the nation.

Mission-Vision Statement

At Johnson C. Smith University,
We are rooted in legacy and tradition.
We foster an inclusive environment of excellence.
We educate and cultivate resilient learners.
We graduate students who become global leaders.

At Johnson C. Smith University,
We are a beacon of light- "Go here, glow anywhere."
We are an HBCU that provides transformative experiences.
We create, collaborate, and innovate in classrooms and communities.
We cultivate students to develop a compelling sense of civic and social responsibility.

At Johnson C. Smith University,
Dreams become realities,
Futures shine bright,
Because of Johnson C. Smith University,
Always, let there be light (Sit Lux).

Administrative Structure

The Board of Trustees

The Board of Trustees exercises final authority over all University governance within the limits of the established charter granted to the institution by the State of North Carolina. The Trustees delegate authority to various divisions of the University through the President. The officers of the University delegated a portion of the responsibility for functions within the University. Brief descriptions of these offices and responsibilities follow.

Officers of the University

The President of Johnson C. Smith University is the chief executive officer of the institution, appointed by the Board of Trustees, and is an ex-officio member of the Board. The other officers of the administration are appointed by the Board of Trustees upon the recommendation of the President. The following positions comprise the officers of the University: President, Provost and Chief Academic and Research Officer, Chief Financial Officer, Senior Vice President for Strategic Enrollment and Retention Management, Chief Operating Officer and Director of Athletics, Chief Strategist for Accreditation Data Analytics and Transformative Initiatives, Vice President of Institutional Advancement and External Affairs, and Director of University Communication and Marketing. All officers of the University report directly to the President and/through him, her, or they to the Board of Trustees.

Traditions at Johnson C. University

For some 157 years, traditions have developed as a way of commemorating the important role of the University in educating young

men and women. They foster a sense of pride and community among those who matriculate.

Founders' Day, generally celebrated in April, commemorates JCSU's founding in 1867. In 1924, the University became the second Black institution in the state to be recognized as a standard four-year college by the North Carolina Board of Education. It is also the first Black College in the South to receive regional accreditation. The first Black intercollegiate football game ever played in this country was between Biddle University (the forerunner of JCSU) and Livingstone College on December 27, 1892. Biddle University won the game, 4-1, and the game ball is housed in the JCSU Archives.

Homecoming is celebrated each fall by thousands of alumni and former students. Some of the festivities include alumni meetings and gatherings, dances, the coronation of Mr. and Miss Johnson C. Smith University, pep rallies, Greek step shows, the Homecoming football game, tailgating, and the annual Homecoming Parade and Festival. Gold and Blue Day is traditionally celebrated on Friday prior to the Homecoming game.

Bullfest is an annual spring festival where students participate in a rich variety of cultural, social, and recreational activities.

The School Colors, Gold and Navy Blue, were selected in 1895 by a committee made up of J. Henry Warren, Walter A. Middleton, and Thaddeus Jerome Coles. The committee researched the meaning of many different colors to select the two most fitting. Gold and Navy blue were determined to be the most appropriate. The committee found both colors to represent truthfulness and loyalty. After additional investigation, Mr. Middleton noted that Gold depicted truthfulness and loyalty to an institution or organization, while Blue represented truthfulness and loyalty to an individual. These colors were felt to appropriately bind students, alumni, and the University together and were readily adopted when the committee made its report to the faculty and students.

The colors were used for the first time on Easter Sunday in 1895, when they were displayed in every building on campus and in the rooms of boarding students. On Easter Monday, the colors were displayed at the University's first off-campus baseball game. Although not officially organized, the famous "colored" team was known as The Quick Steps and drew support from both the black and white communities.

Alma Mater (Loyalty Song)

The choice of an appropriate school song was a controversial matter in the 1920s. Rev. O. W. Winkfield (Class of 1911) proposed a song that, although considered to have much merit, was not adopted. Another song, written by George Leonard Allen (Class of 1925) of the Kendall Institute in Sumter, South Carolina, was more highly received. It was reviewed by a professional critic, who noted, "It is a good cheer song for football games and the like, but it has no depth and is not fitted, in its presented state, for a college song." The song was revised to achieve desired depth and to reflect a coeducational student body. It was adopted in 1924. Today it is sung at all formal University events. The words to the song are by George Leonard Allen, and R. Tate composed the music.

We love Thee Smith with all our hearts!
To Thee we'll ever be true
And in the light of truth and right
Hold high the Gold and Blue.

Proudly we hail thy name, our Alma Mater, Old S.U.
 Johnson C. Smith, our own!
 Our hope, our guiding star, our light unfailing!
 Pride of our loyal hearts, we'll love and honor thee
 Our whole life through
 On, ever on! Dear old J.C.S.U.!

II

Fair Smith, where'er on earth we roam,
 Send forth thy constant ray
 And let it beam with steadfast gleam
 To lead us o'er Life's way.

Proudly we hail thy name, our Alma Mater, Old 'S.U. Johnson C. Smith,
 our own!

Our hope, our guiding star, our light unfailing! Pride of our loyal hearts,
 we'll love and honor thee Our whole life through
 On, ever on! Dear old J.C.S.U.!

University Seal

The University Seal depicts the institution's founding date of 1867, and the Latin words SIT LUX, which mean "Let There Be Light." The seal certifies the authenticity of university documents.

Johnson C. Smith University Mascot

The Johnson C. Smith University Golden Bull is only used for athletics and related collateral produced by the Office of Sports Information.

Publications

The *Johnson C. Smith University Catalog* and other admission materials are published by the University.

Curiosity and Inquiry is published annually by the Office of Government Sponsored Programs and Research.

The Bull, the yearbook, is published annually by students.

The Bulletin is published by the Office of Communications and Marketing.

Dollar and Sense Booklet is published by the Office of Student Accounts.

The Student Handbook is published by the Dean of Students as a guide to student life at the University and explains in detail various rules and procedures that students must follow.

Campus Location

Johnson C. Smith University is located at 100 Beatties Ford Road near the intersection of West Trade Street, Fifth Street, and Rozzelles Ferry Road in Charlotte, NC. Charlotte is served by several major airlines, Greyhound-Trailway buses, and Amtrak. The campus is easily accessible from Interstates 85 and 77.

Campus Map Buildings

Biddle Memorial Hall, constructed in 1883, is the "heart and soul" of Johnson C. Smith University. It contains the administrative offices of the University. The building consists of four floors and a basement. It is located on the highest knoll of the campus. Recently renovated, Biddle has an elevator, a remodeled 471-seat auditorium and a stronger infrastructure.

Carter Hall, built in 1896, is a residence hall. The original building was a gift from Miss Laura Carter of Geneva, NY. In 1995, the building was completely modernized on the inside, leaving the outside walls to retain the original architecture. It houses 99 students and holds a lounge, recreation area, and living quarters for the director.

Johnson C. Smith Memorial Hall, built in 1922, houses University Facilities and storage.

The James B. Duke Memorial Hall, the first residence hall to be constructed on the campus for the housing of female students, is located across Beatties Ford Road on the west side of the University campus. The three-story building, built in 1941, now serves as a residence facility for those students on the President's and Dean's Lists.

Carnegie Hall, which housed the library from its construction in 1911 to 1967, is now housing the University's Smith Institute.

The Jane M. Smith Memorial Church, located near the former entrance to the campus, was a gift from Mrs. Jane Berry Smith. This beautiful building, erected in 1928, provides space for religious, cultural, and social activities.

Johnson Cottage, built in 1928 as a faculty home by Mrs. Jane Berry Smith and named after her husband's mother, Mrs. Margaret Johnson Smith, was restored in 1998 and currently houses the Office of Human Resources.

Smith Cottage was built in 1922 as a faculty home by Mrs. Jane Berry Smith and named after her husband's father, Mr. James Smith. It was restored in 1998 and currently houses the Counseling Center.

The Henry Lawrence McCrory Memorial Hall, dedicated on November 12, 1955, was formerly the administration building for the School of Theology. It was erected from funds raised by alumni, churches in the Catawba, Atlantic, Blue Ridge, and Canadian Synods, local friends, and the Building Fund Campaign of the Presbyterian Church, U.S.A. It holds three stories, including space for classrooms, offices, the Social Science Lab, and Student Support Services.

The Hartley Woods Hall, a gift of Mrs. Jane Berry Smith, was built in 1928 and was the original campus gymnasium. It is currently the home of the University Choir.

The Jack S. Brayboy Gymnasium was completed in 1961. It is a split-level brick and steel structure with a main playing floor, a seating capacity of 2500, two lobbies, and accessory equipment and storage rooms on the upper level. On the lower level are offices, two classrooms, the main equipment and storage rooms, and an athletic training room. A corridor connects the pool with the lower level of the gymnasium.

Liston Hall, constructed in 1962, is a residence hall. Of modern design, the building accommodates 144 students. It has two lounges plus other facilities. The building was named in memory of Dr. Hardy Liston, who served as president of the University from 1947 until his death in 1956.

Mary Joyce Taylor Crisp Student Union is the community center for the University's students, staff, faculty, alumni and their guests. Offices located here include the Student Government Association, Student Activities, Bookstore, The Bullpen (Burger King and Red Mango restaurants) and other meeting and program facilities. Grimes Lounge is located upstairs.

The New Science Center completed in 2015, is the largest building on campus at over 68,000 square feet. It is outfitted with modern laboratories and also contains faculty offices, classrooms, and centers for market-driven science programs.

The James B. Duke Memorial Library, located near the center of the campus, is available to JCSU students, faculty, staff, and the extended University community. It is open seven days a week. The library is an integral part of the University and provides programs and services supporting its mission. The library offers educational resources in print, audiovisual, and electronic formats. Materials not available in the library may be obtained through interlibrary loans. Through numerous vendors, including NCLIVE North Carolina (statewide information network consortium), JCSU students and staff have access to thousands of electronic books, journals, and magazines. Through classroom instruction, group, and individual sessions, and the library website, the library provides a strong training program on using library resources and accessing electronic information.

The library is wireless with data ports and public computers, including Macs, providing full access to the JCSU information network. The library also provides specialized facilities. These facilities include a multimedia room for information, literacy instruction, equipped with a modern communications room for video/data projection, archives, conference/study rooms, and the Faculty Instructional Technology Sandbox, a dedicated space that allows faculty members to experiment with emerging technologies. The Center for Innovative Teaching and Learning is housed in the library.

Sanders Hall, built in 1967, accommodates 119 students. The four-story building has two apartments on the first floor (one for the director), a snack bar, a grooming room, and laundry facilities.

George E. Davis Hall was constructed in 1923, and the **Rufus Patterson Perry Hall** was completed and occupied in September 1968. This tri-level structure was dedicated on April 2, 1978, in honor of the eighth president of the University, Dr. Rufus P. Perry. These facilities are fully equipped for teaching and research, and have classrooms as well as offices for Information Technology and Strategic Enrollment & Retention Management Division (SERM).

Johnson/Seabrook Hall and the attached Mary Irwin Belk Center were built in 1976. This building houses the departments of Business Administration, Social Work, and Communication Arts.

Greenfield Hall, a residence facility of modern design, first opened in 1984. The building houses 213 students. On the main floor is the office of the Residence Coordinator, the main lounge and a vending area. The building's library and two conference rooms are on the third floor where residents can interact. The lower level houses the laundry room and storage area. The building is named for the former president of the University, Dr. Wilbert Greenfield, who served from 1972 to 1983.

The Lionel H. Newsom Humanities Hall, completed in 1986, is a classroom facility with faculty offices. Of modern design, the building holds 21 offices, over 10 classrooms, a lecture hall, a conference room,

and a staff lounge. The building is named for the ninth president of the University.

The Robert L. Albright Hall, constructed in 1990, was previously a residential facility. It has recently been retrofitted. It is a multifunctional building that houses administrative offices, seminar room, conference room, and Veterans Hub, and a foyer. This building is named for the University's eleventh president.

The Faculty House, constructed in 1991, is a multi-purpose facility of modified Georgian design. It has a living room, leisure activities rooms, a dining area, and library on the first floor. On the second floor there are administrative offices.

The Edward E. Crutchfield Center for Integrated Studies, constructed in 1993, is a facility designed to support faculty activities in integrated studies. Conference facilities, faculty studies, and research areas are available.

Dorothy Cowser Yancy Hall (formerly known as the Technology Center), constructed in 1997, is a three-story, 23,000 square foot, high-tech facility. The Center has nine high tech computer telecommunications and electronics state-of-the-art laboratories. It is designed to offer high tech education for students. It is also designed to support student and faculty research in information technology and telecommunications. In addition, the Center hosts a teleconferencing facility, technical library, classrooms, and an auditorium.

The University Auxiliary Hall was constructed in 1997 to be used as a temporary facility for the University Library. It has been renovated and now houses Facilities.

The New Residence Hall, constructed in 1994, is a modern cloister courtyard complex that houses 210 students. The co-ed living facility includes suites with six bedrooms, two baths, living room, kitchenette and dining area in a townhouse setting. Each bedroom has a private telephone, cable TV outlets and a spacious closet. This new complex features a large theater-style community room, a computer room, a living room complete with a gas fireplace, laundry facilities, office, full kitchen and a private reading room.

The Irwin Belk Complex serves as both an academic and athletic facility. It is the home of the Golden Bulls football and track teams, locker and weight rooms, and multimedia classrooms for the Health and Human Performance Department. The 4,500-seat stadium provides an intimate setting for the JCSU family and a user-friendly atmosphere for the community.

HealthPlex Center is a 5,750 square-foot addition to the swimming pool building next to Brayboy Gymnasium. The Center includes a large exercise area with state-of-the-art exercise and weight-lifting equipment. There is a multi-purpose room with a kitchenette for presenting healthy food preparation and nutrition programs. Classes such as yoga, aerobics, and others can be held in that space. Other support spaces include locker rooms with showers, an examination room, classroom, administrative offices, and a reception area.

The Mosaic Village Apartments are part of a mixed-use four-story structure offering multiple amenities, including 7,000 square feet (about twice the area of a tennis court) of retail space and outdoor seating. This facility includes off-campus undergraduate and graduate student apartments, a parking deck, and a 3,000-square-foot roof terrace that offers an inspiring view of the Charlotte skyline.

Admissions

Please Note: All incoming students, graduates, and undergraduates must pay the non-refundable matriculation/enrollment fee.

Transcripts

Students and alumni can purchase an official Johnson C. Smith transcript for \$10 through our online partners - the National Student Clearinghouse. Their secure online site allows you to place an order with any major credit card. Simply visit their [website](#) and follow their step-by-step instructions to receive your transcript.

Orders for transcripts are still relayed through the Registrar's Office and should be received at least one week before they are needed. The Registrar's Office strives to complete orders within five (5) business days after the business office has cleared them. Requests made at the beginning or end of a semester may take longer because staff are focused on serving all of our students equally during registration.

Undergraduate

Johnson C. Smith University is dedicated to educating individuals whose accomplishments demonstrate a high level of initiative, exhibit principled moral and ethical values, and possess the emotional and social maturity, and intelligence needed to thrive in a scholarly environment. Students who flourish at the University have a history of academic potential and success, are self-motivated, and are committed to lifelong service to her or his community. In addition, the University is committed to educating individuals through the Biddle Freshman and Sit Lux programs, where admission decisions are based on non-cognitive and meta-cognitive assessments. Each candidate is evaluated on individual merit. Although several criteria are used in determining the admission of each individual candidate, no one criterion is necessarily the most important.

Submission of materially false information in the application or school transcript will subject the student to immediate revocation and termination of his or her acceptance for admission. Such revocation of admission and enrollment shall be made by a University Administrator, whose decision shall be final.

Freshman Application Process (Traditional, Biddle and Sit Lux)

Each candidate for admission should submit the following to the Office of Admissions:

- A completed application for admissions
- An official transcript of their secondary school record (submission of final high school transcript with graduation date is required before enrollment). A high school equivalency certificate or GED may be submitted in lieu of a high school diploma.
- Reports of his or her scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT)
- A completed application addendum

Traditional Freshman Criteria

A traditional freshman is a student who has graduated or will graduate from school and has never enrolled in a post-secondary institution.

Evaluation of the applicant's qualifications for admission is based on high school coursework, grade point average, scores on the Scholastic Aptitude Test (SAT) and/or the American College Test (ACT), a letter of recommendation and an application addendum.

Favorable consideration for admission will be given to accredited secondary school graduates whose scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT) and high school grades give promise of success in college. Secondary school students planning to apply for admission to JCSU should emphasize the following school courses:

- 4 Units of English
- 3 Units of Mathematics
- 2 Units of Foreign Language
- 2 Units of Laboratory Science
- 2 Units of Social Science
- 3 Units of Academic Electives

Note: *The University reserves the right to modify these requirements.*

Biddle Freshman Criteria

A Biddle freshman is a student who has graduated or will graduate from high school and has never enrolled in a post-secondary institution.

Evaluation of the applicant's qualifications for admission is based on non-cognitive and meta-cognitive assessments, high school course work, grade point average, scores on the SAT and/or the ACT, a letter of recommendation, and an application addendum.

Favorable consideration for admission will be given to accredited secondary school graduates whose college aptitude test scores or high school grades give promise of success in college. Secondary school students planning to apply for admission to JCSU should emphasize the following school courses:

- 4 Units of English
- 3 Units of Mathematics
- 2 Units of Foreign Language
- 2 Units of Laboratory Science
- 2 Units of Social Science
- 3 Units of Academic Electives

Note: *The University reserves the right to modify these requirements.*

Sit Lux Criteria

The Sit Lux Program is operated under the administration of Strategic Enrollment & Retention Management Division (SERM)'s Biddle Institute and is a part of a faculty-led admissions research initiative, effective through the Fall 2013 semester. Sit Lux is an admissions tier that allows further exploration of the differences in enrollment patterns, academic performance, and educational persistence between students admitted using traditional cognitive measures and nontraditional non-cognitive variables.

A Sit Lux freshman is a student who has graduated or will graduate from high school and has never enrolled in a post-secondary institution. Evaluation of the applicant's qualifications for admission is based on non-cognitive and meta-cognitive assessments only.

Favorable consideration for admission will be given to accredited secondary school graduates whose non-cognitive and meta-cognitive features give promise of success in college. Secondary school students planning to apply for admission to JCSU should emphasize the following school courses:

- 4 Units of English
- 3 Units of Mathematics
- 2 Units of Foreign Language
- 2 Units of Laboratory Science
- 2 Units of Social Science.
- 3 Units of Academic Electives

Note: *The University reserves the right to modify these requirements.*

Transfer Students

Applicants who have attended other recognized accredited institutions can apply for admission with advanced standing, provided they are academically eligible to return to the college or university they have last attended.

Transfer credit is only given for courses in which the applicant has earned a grade of C. No credit is given for any course in which the applicant

has earned a grade below a "C". Each transcript is evaluated on its own merits in light of its conformity with the program of study in the JCSU curriculum.

The University generally will accept a maximum of 64 credit hours from a recognized and accredited junior, community or technical college, or 90 credit hours from a recognized accredited four-year institution. Credit hours, not grade points, are transferred.

Only courses with specific course equivalencies are transferred in as course equivalents. Other courses may transfer initially as electives. Students are strongly encouraged to consult as soon as possible with a Teacher-Advisor and/or an Academic Advisor to determine if specific courses may fulfill requirements for the General Education Curriculum (Pillars/Foundations) and/or major courses.

Transfer Student Application Process

Transfer student candidates should submit the following to the Office of Admissions:

- A completed application for admissions.
- Official transcripts from all colleges and universities attended. Transfer students with less than 12 hours earned may be required to submit an official high school transcript.
- Submission of official final transcripts prior to enrollment.

Students seeking admission as a transfer student should have the following:

- Earned 12 or more college-level semester credit hours (students with less than 12 college-level semester credit hours will be evaluated as a First-Time Freshman);
- Earned a cumulative 2.0 undergraduate GPA or a 2.0 GPA in the last 24 college-level semester credit hours attempted.
- Must be in good standing with the last college/university attended.

Recognized Regional Accrediting Organizations and TRACS:

- Accrediting Commission for Community and Junior Colleges (ACCJC)
- Higher Learning Commission (HLC)
- Middle States Commission on Higher Education (MSCHE)
- New England Commission on Higher Education (NECHE)
- Northwest Commission on Colleges and Universities (NWCCU)
- Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
- WASC Senior College and University Commission (WSCUC)
- Transnational Association of Christian Colleges and Schools (TRACS)

Note: *The University reserves the right to modify these requirements.*

International Students

The University welcomes admission inquiries from international students. They are encouraged to complete an application for admission three months before the beginning of the term in which they intend to enroll.

International Student Application Process

International Student candidates should submit the following to the Office of Admissions:

- A completed application for admissions.
- Verification of graduation from high school or secondary institution
- An official high school transcript(s) and/or certificate in English; preferably translated from an accredited transcript evaluation agency in the United States
- Official SAT/ACT or TOEFL scores.
- Declaration of Certification of Finance demonstrating sufficient funds are available to finance the planned course of study without causing undue hardship on the student
- A certified statement from a bank, lending agency or sponsor that stipulates the amount of money on reserve for tuition, fees and living accommodations to matriculate in a four-year undergraduate program in the United States.

Note: *The University reserves the right to modify these requirements.*

Evening and Online Program

Currently the University offers programs in Business Administration, Criminology, Interdisciplinary Studies, Sport Management, and Social

Work. Please refer to individual degree programs to learn more about their programs.

Transients

Students who are regularly enrolled in other institutions may be allowed temporary matriculation at JCSU. Transient admission is ordinarily limited to one semester. Transient students must submit an official application for admission and letters of approval from the registrar of the institution in which they are enrolled, certifying that they are currently eligible to return to the parent institution, and that they have been granted permission to enroll at JCSU for a specified period of time. The University requires the registrar's approval letter to include a list of courses the student should take while enrolled at JCSU.

Note: *The University reserves the right to modify these requirements.*

Non-Degree Seeking Students

Students taking courses for job-related and/or personal enrichment purposes will be enrolled as non-degree students. Non-degree students are eligible to take credit and non-credit courses but are not seeking a degree and are not eligible to advance toward one. Non-degree seeking students are not eligible to receive federal financial aid. Should a non-degree seeking student elect to pursue a degree at a future date, only five credit hours taken may apply toward that degree.

Note: *The University reserves the right to modify these requirements.*

Status Change

Traditional/Evening/Online students who wish to change their status must consult the Academic Catalog and their advisor to verify that they meet the requirements for enrollment in Traditional Day or Evening and Online Programs. Students must have a 2.0 GPA, be in good financial standing with the University, no judicial infractions and a signature from their current advisor.

Any change of type and/or location might affect tuition and fee charges. Students must understand that they will be held responsible for any additional fees and must make appropriate financial arrangements for this change with the Financial Aid and Business Office prior to course enrollment. Changes of status forms are effective for one calendar year from the date approved and are not subject to change prior to the expiration of that calendar year.

Readmits

Students who have previously attended the University and have not been in attendance for a semester or more are required to file an application for readmission by the deadline dates listed on the Academic Calendar. In addition, if the student attended another college or university during their absence from JCSU, they must also submit an official transcript from all institutions attended.

Graduation will be governed by the catalog under which students first enrolled in JCSU. If a student is not enrolled in the university for more than 5 consecutive years, the student must meet the requirements according to the Catalog in place at the time of their return. In any circumstance, the student's Catalog will reset (to the current catalog) 10

years after their first enrollment at JCSU regardless of any separation. This policy shall apply retroactively.

Note: *The University reserves the right to modify these requirements.*

Audit

Auditing of courses is open, without credit, to any person who has paid all of the applicable fees. Currently enrolled full-time students may audit courses without additional charges unless their total hours exceed 18. An auditor is not required to participate in class discussions, to prepare assignments, or to take examinations. Auditing of courses is allowed only when there is seat availability. It requires the approval of the course instructor and Dean of the College in which the course is housed, and completion of an Audit Record form from the Office of the Registrar.

Graduate Admissions

Students who wish to attend JCSU's graduate school must submit a graduate application package to the Office of Admissions. A completed application includes:

- A completed graduate application form and program specific application, as required
- A cover letter of intent
- Letters of recommendation as specified by the program
- Official transcripts from all institutions attended
- A processing fee of \$40.00

Individual graduate programs may require additional information. Please see the application procedures outlined in program descriptions for additional details. For example, if the specific graduate program requires an entrance exam (i.e. GRE), test scores must be submitted to the Office of Admissions as well. Missing items will be reported to the applicant, and a hold will be placed on the application package. The package will not move forward to the appropriate program for review and decision until all information is submitted. Graduate programs have specific application deadlines. Therefore, applicants must adhere to the specific deadlines established by the program for which they are applying.

All materials submitted in support of an application for admission become the property of Johnson C. Smith University. Materials will not be returned or released to third parties. Any student admitted on the basis of false and/or incomplete information is subject to immediate dismissal.

Finances

Dollars and Sense

Please refer to our document *Dollars and Sense* (<http://catalog.jcsu.edu/dollars-sense/>) for the fee structure and policies associated with paying for your university education. This document has been prepared to provide valuable information regarding the financial policies and procedures of the JCSU Office of Student Accounts. This document includes the University's tuition fee structure, payment options, refund policy and other information relevant to a student's attendance at the University. It is strongly recommended that students and parents review the document together. The Dollars and Sense document will help individuals better estimate their university financial obligations, as well as their personal expenses. Parents and students who familiarize

themselves with this guide often avoid unnecessary delays during the Financial Clearance process.

Student Financial Aid

The University administers an extensive financial aid program that provides financial assistance to more than 80% of its student body. Financial assistance is offered to eligible and admitted students as long as they are meeting Satisfactory Academic Progress (or SAP).

The objective of the Financial Aid Program is to assist in meeting the direct educational costs (tuition, fees, on-campus room and board) less the family contribution. Types of assistance include scholarships, grants, loans, and employment. Additional information is available from the Office of Financial Aid.

Students who apply for aid by published deadline can expect to receive an aid package composed of grants for which they may be eligible, part-time employment, and loans. Parents of a dependent student can also apply for Parent PLUS loans.

Students, parents, and stepparents should provide all requested information as promptly and accurately as possible and notify the office of the details of any significant changes in their financial circumstances during the year. Students who wish to receive federal or state aid or scholarships are required to apply each year.

Most awards are based on need. Because a student's need varies from year to year, an award for one year does not guarantee an equal amount of assistance will be provided in the succeeding year. Assistance may vary each year due to changes in student resources, family financial circumstances, cost of education, or changes in aid policies and/or federal and state funding.

How to Apply

- The Free Application for Federal Student Aid (FAFSA) should be completed online as soon as possible after October 1. Students who have substantial financial need are strongly urged to file as early as possible. Applications completed and submitted by March 1 will be part of the highest award priority group. Students who apply early and accurately will receive assistance on an "as funds are available" basis. Freshmen and transfers may apply as early as they wish but will not be awarded until after the student has received a letter of acceptance from the Office of Admissions.
- Students selected for verification must complete all steps required. Until verification is successfully completed, a student will not receive an award letter.
- Notifications of financial awards are emailed to the student. All aid is "Accepted" unless the student chooses to decline or adjust the awarded amount. If the student chooses this option, he or she will have to print the award letter, adjust, sign, and return the physical copy to the Office of Financial Aid.
- Changes in federal, state, and institutional policy could affect information printed in this Catalog. Contact the Office of Financial Aid for updated information.

Satisfactory Academic Progress (SAP)

Johnson C. Smith University adheres to the Satisfactory Academic Progress Policy (SAP) for students who receive financial aid. These standards require students to make progress toward an undergraduate or graduate degree during all periods of enrollment, including periods when he or she did not receive financial aid.

SAP is a federal policy that measures two components: quantitative and qualitative progress.

The quantitative portion requires students attending an institution that awards federal financial make progress toward the completion of their degree within a reasonable period of time. All attempted credits count toward the calculation; withdrawal negatively impacts a student's progress.

The qualitative component of the policy deals with progress as it relates to the student's Grade Point Average (GPA). Satisfactory Academic Progress standards adhere to the University's policy for academic standards (see chart below).

The maximum time frame for completing an undergraduate degree is 150% of the published length of the program. For programs that are 120 credits, a student would be allowed to attempt no more than 180 credits before completing the requirements for their degree. Generally, for full-time students, this is equal to six years. Students who have not completed their degree within this parameter are deemed ineligible for financial aid.

JCSU Financial Aid Standards

- Maintain or exceed required cumulative GPA based on the matrix below (qualitative measure)
- Successfully complete at least 67% (for Undergraduates) and 75% (for Graduate) of the cumulative attempted credit hours (a quantitative measure).
- Make positive progress toward a program of study within 150% of the average published program length.

Undergraduate Students

| Total Number of Credits Attempted | Minimum Cumulative GPA |
|-----------------------------------|------------------------|
| 1-29 | 1.70 |
| 30-59 | 1.90 |
| 60 or more | 2.00 |

Financial Aid Statuses

Eligible

Students who meet the minimum academic standards or have no academic history. Fully eligible for financial aid.

Probationary

Students who do not meet minimum standards for cumulative GPA and/or 67% completion rate at the previous evaluation period. Students who are still eligible for financial aid must reach all minimum standards by the end of the next evaluation period to maintain eligibility.

Ineligible

Students who have failed to meet minimum standards for cumulative GPA and/ or 67% completion rate SAP at the end of the evaluation period. Students are ineligible for financial aid.

Maximum Timeframe

Students who have attempted at least 180 credit hours toward a bachelor's degree. Graduate students must earn their degree within the timelines set by the Graduate School per their graduate program. If a student exceeds these credit hour limits, they are not making progress toward a degree within the 150% federal requirement and are ineligible for financial aid.

Repeat Courses

Federal regulations prohibit receiving financial aid for a previously passed course more than once. Students who received credit for a course and repeated the course to earn a higher grade can have that repeated course counted in the enrollment level for financial aid purposes only one additional time. All repeat courses will be used to determine the completion rate and time frame.

Each student's case will be reviewed by the Committee on Academic Standards to determine the progress made toward the completion of degree requirements.

Review, Notification, and Appeal Process

Students who do not meet the University's standards are notified of the loss of financial aid eligibility prior to the start of the next semester. Eligibility can be regained in two ways:

1. The student finds an alternative funding source, continues to take classes, and regains eligibility on their own over time.
2. The student files an appeal to the Satisfactory Progress Committee.

Appeals are reviewed throughout the academic year and must be submitted at least two weeks prior to the end of a semester for which the student is out of compliance. An appeal submitted after the close of the semester will be considered for the next semester only. Taking a semester off or paying for classes without financial assistance does not, in and of itself, re-establish financial aid eligibility.

Students who are academically separated from the University are not eligible for financial aid funds unless they successfully appeal to the appropriate Academic Dean and are subsequently reinstated. If such a student has met the quantitative component of the SAP policy, no further appeal is required, and financial aid can be reinstated. However, if the quantitative standard has not been met, the student must present an additional appeal to the Satisfactory Progress Committee.

Student Rights and Responsibilities

Students have the right to:

- Obtain information about the student aid programs available at JCSU
- Apply and be considered for financial aid

- Request an explanation of any phase of the financial aid process
- Request special consideration if their family's financial circumstances change significantly (Contact the Office of Financial Aid for instructions)
- Appeal financial aid award or denials based upon academic progress or enrollment requirements.

Students are responsible for:

- Completing all forms accurately and submitting them according to scheduled deadline dates
- Reapplying for aid each year
- Honoring the policies and procedures stated in the JCSU Catalog and the Student Handbook
- Informing the Office of Financial Aid of transfer from the University
- Enrolling in the necessary number of credit hours and attending the classes
- Repaying loans in accordance with repayment schedules
- Filing any deferments that are necessary for prior loans from other schools
- Contacting the Office of Financial Aid if they are in default
- Providing any additional information requested by the Office of Financial Aid
- Officially withdrawing with the appropriate departments to terminate enrollment

Changes in Enrollment Status

If a student does not begin attending all his, her or their classes, the University will recalculate his/her/their federal Pell Grant award based on the lower enrollment status. For example, if an undergraduate student registers for a full-time course load (12 hours) but only attends three classes (nine hours), the student's Pell Grant will be recalculated based on the lower enrollment status. Please note this is different from withdrawing from a class. If a student's aid has been disbursed and the student can prove attendance in the class, the University will not adjust the student's aid. If aid has not been disbursed, the University will award the student for the hours for which attendance can be verified regardless of a student's charges from Financial Affairs. Students must have a minimum of six hours at the time of disbursement to be eligible for subsidized or unsubsidized loans.

Financial Aid Programs

Students must be enrolled in an eligible degree program to be eligible for financial aid. In addition, students must meet federal and state eligibility requirements associated with financial aid types. The types of financial aid offered at Johnson C. Smith are as follows:

Pell Grant

The Pell Grant is a federal grant program that provides funds to students pursuing a first undergraduate degree. To qualify, a student must have an eligible Estimated Family Contribution (EFC). The student is awarded a Pell Grant based upon the student's EFC and enrollment status. The amount of an estimated Pell awards (contingent upon verification) may change after it is awarded.

Supplemental Educational Opportunity Grant (SEOG)

The Supplemental Educational Opportunity Grant (SEOG) is a federal program for undergraduate students who demonstrate financial need. These funds are administered on a first-come basis. SEOG awards are made to students with the greatest need and are given only to students who receive a Pell Grant. The grant can range from \$200-\$1,500 per academic year to enable an equitable distribution for the demand for assistance.

Federal Work-Study

The Federal Work-Study Program provides part-time employment to eligible students who are paid at least minimum wage for the actual hours worked. Earnings are limited to the amount indicated on the student's award letter. Students are expected to perform the agreed-upon work when accepting the award. This program gives students a chance to earn money to help meet their educational expenses.

Students are employed on campus by a variety of departments and offices and typically work approximately 10-20 hours per week. Students participating in this program must be enrolled full-time.

All student employees, upon being assigned employment, must present proper documents to verify identity and employment eligibility as required by the Federal Immigration Reform and Control Act of 1986.

Original documentation must be presented on or before the first day of employment.

North Carolina Need-Based Scholarship

The State of North Carolina makes scholarship funds available each year to assist residents of the state. This scholarship is based on the student's EFC. A recipient must enroll in the institution as a full-time student by October 1 for the Fall Semester or the 10th day of classes in the spring semester.

Athletic Scholarships

Physical education, health, and athletics are considered integral parts of the total educational program offered at JCSU. The University is a member of the Central Intercollegiate Athletic Association and the National Collegiate Athletic Association. A limited number of athletic scholarships are available.

Music Scholarships

Music scholarships are available to students who demonstrate exceptional skills in band or choir. The University's Band Director or Choir Director must recommend recipients for these scholarships. University policy states that students may not receive a refund credit from any institutional aid; this credit will be returned to the University.

Tuition Remission

Individuals who are immediate family members of employees are eligible to apply for remitted tuition. In all cases, children of employees are requested to apply for financial assistance. This will ensure that the University will equitably distribute its available funds for remitted tuition.

A Tuition Remission Form must be completed and then approved by the Business Office.

Charlotte Incentive Grant Award (CIGA)

CIGA is granted to students who graduate from a high school in Mecklenburg County with a GPA of at least 2.5. In some instances, Central Piedmont Community College transfers are eligible for this grant. If a student's direct cost is covered by an internal/external scholarship, no CIGA scholarship will be given.

Family Scholarship

Parents, children, or siblings of currently enrolled students receive a 10% discount on their direct cost. If the direct cost is covered by an internal/external scholarship, no family scholarship will be given.

United Negro College Fund Scholarships (UNCF)

Several UNCF scholarships are available to students. Students may find additional scholarship information at www.uncf.org (<http://www.uncf.org>). All applications require at least one letter of recommendation, an essay, an official transcript, and a financial need statement.

Parent Loans for Undergraduate Students (PLUS)

The PLUS program is a non-need-based loan that is available to parents who may borrow up to (but not exceed) the cost of attendance per year for each dependent undergraduate student, minus other financial aid. These funds may be borrowed in addition to funds borrowed under the student loan program. Parents begin repaying the loan within 60 days after the second disbursement of funds for a particular academic year.

Interest rates for all loans vary from year to year. Each borrower is informed of the interest rate at the time of borrowing funds, along with the repayment schedule and amount of interest to be paid.

Parents must apply for the Parent PLUS Loan. The information is submitted for approval, and if approved, the loan is originated. The parents are required to sign their master promissory notes electronically. Once the signed master promissory note is received, funds are awarded and applied to the student's account. Once a master promissory note has been signed, it is used for multiple loans under the same MPN for more than one academic year. Parents may apply online via Federal Student Aid's Website: www.studentloans.gov (<https://studentaid.gov/>).

Direct Stafford Student Loan Program

Stafford Student Loans are low-interest loans provided by the U.S. government to students. To receive a subsidized Stafford Loan, a student must demonstrate financial need. Repayment begins six months after the student graduates or drops below half-time enrollment. The standard repayment term is 10 years, although there are alternate repayment terms available. Students can defer payments after graduation by contacting the servicer of their loans. The terms and conditions of student loan deferment are provided by the servicer.

The Alternative Loan

The Alternative Loan is another source of funding for dependent students whose parent(s) may not be eligible for a PLUS Loan or for independent students who have no other form of support for additional funding. These are called alternative because students borrow from sources outside the college and the U.S. Department of Education. These loans are based on credit approval, and repayments begin six months after the student leaves the University. The student must be at least part-time in a degree-seeking program and can borrow up to the cost of attendance minus other financial aid.

District of Columbia College Access Program (DC-CAP)

This program provides college "last dollar" award scholarship for up to five years to Washington, DC public high school students to help make up the difference between a student's resources, financial aid, and actual college expenses.

DC Tuition Assistance Grant (DC-TAG)

The DC Tuition Assistance Grant provides up to \$2,500 per year for five years. These funds assist with the financial difference between in state and out-of-state tuition at participating public colleges throughout the United States. A student must be a resident of Washington, DC to be eligible for this grant.

Outside Scholarships

Scholarships funded from other sources outside the University are administered in accordance with guidelines from the donor. Any student receiving an outside scholarship is required to inform the Office of Financial Aid of the source and the amount of the scholarship. This amount is on the student's award notice.

Other Forms of Educational Assistance

Other sources of financial aid not administered by the Office of Financial Aid are available to assist students in meeting their educational expenses. Assistance from outside agencies or programs may provide the full amount needed by the student, or it may be combined with an award from the University to meet this need. Information about other forms of aid will be made available upon request.

Policy Statement on Institutional Scholarships

While JCSU is committed to providing needed scholarship funds to students, resources that are currently available can only be appropriated to assist in covering direct educational costs. These costs may include tuition, fees, room and board (when applicable), and books. Additionally, financial assistance provided through the University is based on need. The need factor is determined by the amount of financial assistance and available resources a student receives, subtracted from the budget established for the student. Gift aid and/or scholarships that are packaged with other federal or state aid or are singularly awarded, may not exceed financial need. Therefore, if a student receives additional financial assistance from any outside source, the University reserves the right to reduce the amount of gift and/or scholarship assistance accordingly.

The cumulative GPA of each academic scholarship recipient, with the exception of entering freshmen, will be reviewed at the end of each semester. The grades of entering freshmen will be reviewed at the end of the academic year. Failure to maintain scholarship criteria will result in the loss of scholarship funds. University policy states that students may not receive a refund credit from any institutional aid. This credit will be returned to the University.

Institutional Aid

The University awards institutional scholarships on a "last dollar" basis. Students receiving these scholarships (e.g., Academic Merit, Choir, and Band) will have to exhaust all other means of financing (excluding loans) before institutional scholarships can be applied towards the students' accounts. Institutional awards can only apply to actual bill amounts and are not eligible to be refunded to students. This is inclusive of scholarships that The Office of Admissions awards recruited students.

Whenever there is a conflict between this policy and Federal Title IV regulations and/or the National Collegiate Athletic Association (NCAA) regulations, including, but not limited to, student eligibility calculating awards and packaging, and processing and managing federal student aid funds, the Federal Title IV and NCAA regulations will govern decisions related to students with University institutional aid.

JCSU scholarships may consist of funds that the University has solicited from external agencies. Examples include UNCF Scholarships and Duke Scholarships. Students receiving such external scholarships may have their original awards adjusted to prevent the total scholarship awards from exceeding demonstrated financial need. Specific reasoning for such adjustments pertains to the availability of funds and the equitable distribution of funds to all students who have proven academic excellence.

Academic Regulations

Registration

All students must register for each semester or term. Students are required to register on the days indicated on the University Calendar.

Changes in Registration

Students can add courses to their schedules using the Johnson C. Smith University Online Web portal until the published deadline date listed on the academic calendar. Please note: Any adjustments in enrollment status may impact a student's financial aid and/or balance due to the University. Students are encouraged to contact the Office of Financial Aid and/or Student Accounts prior to changes in enrollment status. Any student who fails to attend at least one session of the class(es) for which he or she is registered and is reported by faculty as a No Show by the census date will be administratively dropped from the course.

Changes in Address

Written communications to students are sent to the student's university email address or legal permanent address of record. All address changes must be submitted online in the JCSU Web Portal and are verified by JCSU email login verification.

Enrollment Verification

JCSU has authorized the **National Student Clearinghouse** to provide official enrollment verifications for insurance purposes. Students may obtain verification that they are or were enrolled during a specific semester only after the end of the drop/add period for that semester, if they are registered for at least half time and have their social security number on file with the University. Students should log into the web portal to obtain their certificates of enrollment. International and Undocumented students may request an Enrollment Verification directly from the Office of the Registrar.

Loan Deferment/In School Deferment

JCSU has authorized the **National Student Clearinghouse** to provide enrollment verification to loan deferment companies. A loan deferment form should be faxed to the **National Student Clearinghouse at 703-742-4239**. For questions about a form previously submitted, visit **www.studentclearinghouse.org** (<http://www.studentclearinghouse.org>) or contact the Customer Service office at 703-742-4200.

Degree Verification

JCSU has authorized the National Student Clearinghouse to provide degree verifications. The National Student Clearinghouse can be contacted online at: www.studentclearinghouse.org (<http://www.studentclearinghouse.org>) or by mail at:

National Student Clearinghouse
13454 Sunrise Valley Drive, Suite 300
Herndon, VA 20171

Academic Falsification

Academic falsification occurs when an incoming, current, or former student:

1. Falsely represents to Johnson C. Smith University having an academic credential, including, but not limited to, degrees, certificates, grades, and credits that the person never received or earned;
2. Provides Johnson C. Smith University a transcript, diploma, or other credential (or copy thereof) that has been altered or otherwise falsified;
3. Falsely represents to anyone that he or she attended and/or received credits, grades, a degree, certificate, or other credential from the Johnson C. Smith University; or
4. Provides anyone a Johnson C. Smith University transcript, diploma, or other credential (or copy thereof) that has been altered or otherwise falsified.

Pursuant to N.C. Gen. Stat. § 14-122 (https://www.ncleg.net/EnactedLegislation/Statutes/HTML/BySection/Chapter_14/GS_14-122.1.html), in the State of North Carolina, it is unlawful to issue a false academic credential and a gross misdemeanor to knowingly use a false academic credential.

What should you do if you suspect academic falsification?

1. **Contact the Office of the University Registrar.**
You should always contact the Office of the Registrar with any concerns about academic falsification. The Office of the Registrar wants to know when academic falsification occurs

and can assist with the University's response.

2. **Use the Johnson C. Smith University Degree Validation Webpage.**

You may be able to verify whether a former student received a degree from the University on the National Student Clearinghouse website www.studentclearinghouse.com (<http://www.studentclearinghouse.org>).

Possible Consequences of Academic Falsification

The University may take action against someone who has committed academic falsification. This includes, but is not limited to the following:

- Contacting the police for possible criminal action;
- Academic and/or disciplinary action, which could include dismissal from a program and/or the University;
- Revocation of a degree.

Maximum Load

During the fall and spring semesters, an Undergraduate student may not enroll for more than 18 hours per semester unless approved by the respective Dean of their College. Such students may apply for additional credit hours but may not exceed a total of 24 credit hours. Forms to enroll for more than 18 hours may be found on the JCSU web portal.

The student is responsible for the cost of any course(s) that exceeds 18 hours. All students must contact the Business Office for overload tuition charges.

Cross Registration Between Colleges

Students who cross-register between colleges operating on different academic calendars (e.g., Traditional and Term) are responsible for adhering to the deadlines, requirements, and policies outlined below.

Please note that registration deadlines for the Evening vs. Traditional undergraduate may differ. Cross-registration petition forms must be completed by the **earlier** of the two deadlines, and cross-registering into courses is contingent upon availability. Home college candidates have first priority.

The Host College may, for any reason (including a student's failure to attend class during the first week), refuse to accept cross-registration even if it is approved by the instructor. Students may not, under any circumstances, cross-register for courses that overlap in meeting times.

Cross Registration does not exist between Undergraduate and Graduate courses.

Course Offerings

The University reserves the right to add, delete or cancel courses as it deems necessary. There will be no partial refund of fees due to course cancellations unless the student decides to continue as a part-time student.

Cross-Listed Course

A cross-listed course is offered under more than one course run by different departments or programs. The course will carry identical course attributes (breadth and level) and will have identical course prerequisites.

Cross-Listed courses are offered at identical times throughout the semester. All cross-listed courses are listed as such on the semester schedule and in the course description.

Team Collaborative Teaching

Team Collaborative teaching involves two or more instructors teaching the same course. The instructors are involved in a collaborative endeavor throughout the entire course.

Grades and Credit

Symbols

The quality of a student's work in a course must be reported to the Office of the Registrar using the following grades: **A, B, C, D, F, FN, W**, or **A** denotes excellent scholarship; **B**, good; **C**, fair; **D**, poor., and **F** indicates failure. A student receiving a grade of **D** or **F** may repeat the course.

Students who attend a particular course only one time from the beginning of the semester to the end of the financial clearance period but who discontinue course participation before midterm grades are due shall receive an **FN** (*Failure Due to Nonattendance*) at midterm. Any student who receives an **FN** at mid-term and returns to class after midterm cannot receive an **FN** at the end of the term; he or she will receive an appropriate grade according to the course syllabus.

Grade **W** indicates the student has withdrawn from the course after the last date to enroll for the semester but before the last day to drop a course. A grade of **W** may also be given to any student who attends a course, at least once, but is administratively withdrawn from the university. A Grade of **I** indicates that coursework has not been completed, and that the student did not withdraw from the class. Any student who does not remove the incomplete grade **I** by the end of the allowed time period shall receive the alternate grade provided by the instructor.

The University's grading symbols are accompanied by the following numerical equivalents:

- A (90-100)
- B (80-89)
- C (70-79)
- D (60-69)
- F (Below 60)

Quality Points

Quality points are determined by multiplying the number of credit hours a course yields by the quality point value of the grade. Quality points are computed as follows:

- **A**: 4 points for each credit hour

- **B**: 3 points for each credit hour
- **C**: 2 points for each credit hour
- **D**: 1 point for each credit hour
- **F**: 0 points for each credit hour
- **FN**: 0 points for each credit hour

Thus, a student receiving a grade of **A** in a two-credit-hour-course will result in eight quality points; a grade of **A** in a three-credit hour course will earn twelve quality points; a grade of **A** in a four-credit-hour-course will result in sixteen quality points.

Grade

No grade below **C** will count for credit in the student's major or minor.

Course Credit

Credit will be granted only for courses for which a student has officially registered.

Prerequisites and Major Courses

All *Prerequisites* for major courses must be passed with a grade of **C**. No student will be permitted to enroll in a course requiring a prerequisite if the student has not achieved at least a grade of **C** in the prerequisite course.

Grading

The University reserves the right for decisions regarding grading to be made by the University faculty's sound discretion. Students receive a final grade or a grade of Incomplete in each course. If a faculty member has made an error in assigning the final grade, the faculty member may complete a Request for Change Grade form with the appropriate documentation. If a student receives an Incomplete, it may be removed upon completion of the incomplete work.

Incomplete work must be made up within the first six weeks of the following semester. Students enrolled in the Evening and Online Program course must make up incomplete work within the first three weeks of the following term in which the student enrolls for courses at JCSU. Any student who does not remove the incomplete grade **I** by the end of the allowed time period shall receive the alternate grade as provided by the instructor.

Grade Appeal System

A student may appeal the final grade received in a course. The student must initiate the grade appeal process in writing with the course instructor to determine if there has been an error or misunderstanding about the quality of the coursework. If this discussion does not prove satisfactory, the student may take the matter to the Department Chair and subsequently to the Dean of the College if it is not resolved. A grade appeal must be initiated within 30 days after the start of the semester following the one in

which the final grade in question was received. Otherwise, the grade will stand. The University will resolve any properly filed formal written appeal within 30 days.

Enrollment Status

Full-time

An undergraduate student must be enrolled in a minimum of 12 semester credit hours to be considered full-time. A graduate student must be enrolled for a minimum of nine (9) semester credit hours to be considered full-time.

Part-time

Any student enrolled in less than a full-time load in the fall or spring semester, or fewer than six hours in the summer term.

Special

Any student enrolled in courses for credit but who has been admitted as a non-degree seeking student.

Academic Standards and Sanctions Policy

Good Standing

The Academic Standards Scale sets forth the minimum requirements for progress toward a degree. Any student who meets these requirements will be in good standing.

Academic Standards

JCSU's primary purpose is to create and support an educational environment where students may develop their intellectual potential. While the University is committed to extending its fiscal and human resources in pursuit of this goal, students must take some responsibility for their own education and pursue and complete academic coursework that will permit them to meet baccalaureate degree requirements within a reasonable timeframe. Accordingly, and in compliance with appropriate and applicable federal regulations and requirements, the University shall adhere to the following definitions and policies for the determination of progress towards degree completion.

Any petitions for exemptions to these requirements may be examined by the University's Committee on Academic Standards. The petition must be in writing and be specific as to the nature of the unusual circumstances for which an exemption is sought. The Committee may grant an exception to the standards on a case-by-case basis with the understanding that legitimate exceptions will not undermine either the intent of this policy or governing federal regulations for Title IV Student Financial Assistance.

Undergraduate Academic Standards Scale

The minimum cumulative GPA required by the University for awarding the baccalaureate degree is 2.00 for all degree-level work taken by the student as part of an approved program of study. The GPA is computed by dividing the total number of hours attempted into the total number of quality points earned, except for credit hours in courses for which the student received a grade.

Any enrolled student who meets the minimum academic requirements in the table below is in good academic standing at the University. Probationary status will be incurred by any student who fails to meet the standards in any term.

| Total Number of Credits Attempted | Minimum Cumulative GPA |
|-----------------------------------|------------------------|
| 1-29 | 1.70 |
| 30-59 | 1.90 |
| 60 or more | 2.00 |

At the end of the next term of enrollment, a student on academic probation who fails to attain either the above cumulative standard or a 2.0 GPA for that term may be dismissed for one year.

Note: Biddle Institute guidelines will apply for Biddle Freshman Program Students and Sit Lux Scholars (See the Strategic Enrollment & Retention Management Division (SERM)/Biddle Institute section of this *Catalog*).

The first dismissal may be appealed. If successfully appealed, the student must either earn a semester GPA of at least 2.00 or achieve the cumulative GPA required for the number of credit hours attempted (as outlined in the preceding chart). Students failing to meet one of these standards after appeal may be dismissed. Dismissed students can appeal to attend summer school (see below).

Students must apply for re-admission for the semester in which they plan to return to the University.

Any first semester first-year student who earns two or more F grades at midterm of their first semester may be assigned mandatory intrusive advising conferences by the proper College Dean. Attendance logs with notes on the meeting will document the student's commitment to academic success.

Undergraduate Academic Sanctions

Probation

Any student who fails to meet the Academic Standards scale's requirements is placed on Academic Probation and limited to a maximum of 13 hours during fall or spring and six hours in the summer. The College Dean or an academic advisor may make an exception to this policy on an individual basis as deemed appropriate. A student is not allowed to appeal probationary status.

Students on probation will be assigned an advisor from their college to engage in bi-monthly intrusive advising conferences. (Undeclared students are assigned an advisor from the Strategic Enrollment & Retention Management Division

(SERM.) Attendance logs with notes on the meetings will document the students' commitment to academic success. Failure to attend the mandatory advising conferences or to complete activities assigned by the advisor will jeopardize any appeal regarding future sanctions later in the student's career.

In addition, any student who earns less than a 0.8 cumulative Grade Point Average in consecutive semesters will forego probation and be dismissed from the University. A student may appeal against the dismissal in writing to the Committee on Academic Standards. If the Committee grants the appeal, the advisor will determine an academic plan that the student must follow. If the student fails to follow the plan, the student will be dismissed from the University without an opportunity to appeal the decision.

Dismissal

Any student who fails to meet Academic Standards will be dismissed from the University. A student may appeal in writing to the Committee on Academic Standards. If the appeal is approved, the student will be eligible for immediate reinstatement to the University.

Dismissed students may enroll in summer courses at another university for credit but may not enroll at another post-secondary institution to acquire transfer credits during the regular fall or spring semesters.

Dismissed students may petition the Dean of their College for the privilege to have their dismissal lifted for summer school at JCSU in order to retake up to six credits of courses. Dismissed students can appeal to the Dean of their College for as many summers as they wish. The Director of Financial Aid, Registrar, Coordinator of Housing Services, Student Account Manager, the student's academic advisor, and the Department Chair of the student's major are informed of all sanction's decisions via courtesy copy of letters sent to the student by his, her, or their dean.

Graduate Academic Sanctions

The following requirements relate to an MSW student's academic and professional performance. These requirements and the termination policy are included in the *Social Work Graduate Student Handbook* and are reviewed with the student during his or her admission into the program.

1. Academic Performance: All students entering the JCSU MSW program are expected to actively engage in their academic classes and to put forth their best effort. The academic standards for successful completion of the JCSU MSW program include the following criteria:
 - a. All students enrolled in the JCSU MSW program must maintain a minimum cumulative grade point average of 3.0 to remain in good academic standing. A student whose grade point average falls below a 3.0 will be placed on probation and given one semester to bring his or her semester grade point average up to the required standard.
 - b. A maximum of two C final course grades is allowed in the program. If an MSW student earns a third C in a graduate social work course, he or she will be terminated from the program.
 - c. A final grade lower than a C will not count as successful completion in any graduate social work course. Any student earning a failing grade will be placed on probation and must retake the course in which a substandard grade was earned. Note that repeating a required course will prevent students from progressing through the curriculum as scheduled. Successfully passing a course re-taken with a B or better will allow the student to progress through the MSW program. However, if a student receives a grade lower than a C for a second time, they will be terminated from the program.
2. Professional Performance: Students enrolled in the MSW Program at JCSU are subject to the regulations found in *Johnson C. Smith Student Handbook*, the National Association of Social Workers (NASW) Code of Ethics and are expected to abide by the relevant standards in the North Carolina Code of Laws. These procedures and guidelines should be upheld both in the classroom, the university context, and in assigned field placements. Upon admission into the JCSU MSW program, social work students are required to sign a statement agreeing to abide by all relevant regulations and the NASW Code of Ethics.

A student may be terminated from the social work program if a documented violation of the above-referenced requirements has occurred. A student may be placed on probation or suspended temporarily from a field internship placement pending the outcome of any identified violations. A violation may include, but is not limited to, the following:

 - a. Academic dishonesty, including plagiarism and cheating;
 - b. Failure to maintain a 3.0 (B) average;
 - c. Earning a third C for a course grade;
 - d. Commission of acts or behaviors that violate the ethics of the social work profession as defined in the professional Code of Ethics and State law governing social workers;
 - e. Conviction of an offense that involves moral turpitude, including child or adult abuse or neglect, or a felonious offense;
 - f. Documented problems in behavior or performance, which raise questions from the faculty or field instructor about the student's suitability for professional social work. Such problems could include, but are not limited to, the following behaviors:
 - i. Inappropriate behaviors and/or communications with client(s);
 - ii. Forced or coerced sexual behavior with client(s);
 - iii. Sexual activity with client(s) including, but not limited to, kissing, fondling, or sexual intercourse;
 - iv. Physical aggression, such as hitting, spanking, or slapping, directed at client(s), student(s), faculty or staff member(s);
 - v. Physical or emotional threats directed toward

- client(s), student(s), faculty or staff member(s);
- vi. Acceptance of gifts or money (not considered standard payment for services) from client(s). Students shall not ask for, or accept, gifts from client(s);
 - vii. Illegal or unethical behavior that limits or takes away client(s)' rights or results in financial, material, or emotional loss for client(s) or gain for the social work student;
 - viii. Sexual harassment of client(s).

When a student's performance does not meet these expectations, the Social Work MSW Program Director or a member of the graduate social work faculty may request a review by the entire graduate Social Work faculty of the identified policy violation. The student is notified in writing by the MSW Program Director of the concerns and provided with an opportunity to present his or her understanding and explanation of the situation. Students who choose not to participate in the review will be dismissed from the program.

Students who participate in the review process may face alternative courses of action that may include, but are not limited to, developing an action plan to address the problem, being placed on probation, taking a temporary leave of absence, or being dismissed from the JCSU MSW program. Students who participate in the review process will not automatically have their academic violation decisions overturned. Rather, presentation of the student's grievance will be considered on the grounds of the arguments presented and the circumstances of their academic violation. If a decision is made to dismiss the student, they will be given a letter detailing the rationale behind the decision.

MSW students have the right to appeal decisions made through the review process. Students who wish to appeal against a decision made during a graduate social work review may file a formal appeal with the Department Chair of the Social Work Department.

University Honors

A Dean's List, consisting of students who have earned a GPA of 3.0 or higher, is published each year. Only students who are registered for a minimum of 15 credit hours and have not received an incomplete grade for the semester in question will be considered. Students who have earned a GPA of 4.0, have a minimum of 15 semester hours, and have not received an Incomplete for the semester in question are designated as Presidential Scholars. These names are also published yearly.

Graduation

All graduation requirements must be completed and officially documented in the Office of the Registrar for a student to participate in the University's graduation activities. A student with a financial balance may participate in commencement but will not receive his or her diploma. The Office of the Registrar will hold a diploma for any student who has completed his or her degree requirements for one year after conferral. After such time, the diploma will be purged and a reissue request with payment will be required.

Attendance Policy

Johnson C. Smith University values the classroom experience and class attendance. Consequently, students are expected to attend every class from the semester's beginning to end. Johnson C. Smith requires each class to have a clearly stated attendance policy that is suited for the course requirements and needs. Students are expected to fully participate and engage in class sessions and with all required course material and events per the course needs. Instructors have the discretion to consider student attendance, participation and engagement in the calculation of a student's final grade. Faculty have the option to decrease the final grade by one letter grade for a student whose unexcused absences exceed 20% of the scheduled class sessions for the semester. Validation of absences that occur while officially representing Johnson C. Smith University is secured through the Office of the Provost and Chief Academic Officer. Justification evidence for absences due to illness and other personal reasons may be provided by the student to the instructor who has the discretion to accept or deny the justification.

Johnson C. Smith University Honor Code

The University Honor Code is enforced by the Office of the Provost and the University Judiciary Board. The Honor Code states:

I pledge that this work is my own, and I will not cheat, or represent the words, ideas, or projects of others as my own. I further pledge that I will not engage in academic dishonesty, which includes lying, stealing, or assisting others in misrepresenting their work. As a member of the student body of Johnson C. Smith University, I also pledge to report all violations of the Honor Code that I observe in others. I understand that violations of the Honor Code are subject to disciplinary procedures by the University.

Students and faculty are to govern themselves by the Honor Code to ensure the greatest measure of academic integrity. The University Honor Code must be observed and acknowledged by students in relation to class assignments, including out-of-class assignments, tests, and written papers, and other assignments involving student assessment. Student assessment may extend beyond classrooms and include all applied academic settings of the University.

Plagiarism is defined as stealing and passing off as one's own (i.e. without proper citation) ideas and writings of another. For other activities, dishonesty includes serious infractions of assignment rules.

In cases of dishonesty involving major assignments (examinations, major written assignments, and other assignments of comparable magnitude), the required penalty may be automatic failure of the course. The instructor must notify immediately the student, the Department Chair, and the College Dean about this failure. The student may not withdraw from the course.

In cases involving less serious infractions of major assignment rules or in cases of dishonesty involving less important class activities (e.g., quizzes, a class discussion), the instructor may give a lesser academic penalty.

Students may appeal to the University Judiciary Board if they feel they were unfairly accused of dishonesty. The University Judiciary Board makes the final decision on whether the student was dishonest, but it cannot change the penalty when the student is found dishonest.

It is essential that the instructor, at the beginning of each term, make students aware of the definitions of dishonesty found in this Catalog and of the penalties for dishonesty. This is especially important in the case of plagiarism.

Dress Guidelines

Shirts/tops must be worn while in public or the University's common areas. Attire must not display obscene, profane, lewd, illegal, or offensive images or words. The dress must be in good taste and appropriate for the occasion or setting. Sleepwear or headwraps shall not be worn while in public, in the University's communal areas, or at university-sponsored activities or events. No visible underwear or undergarments should be shown in public or in any common area of the University or University-sponsored activities or events. The exception to this policy is for residence hall fire drills and other evacuations.

For formal events, the University adheres to a gender-neutral dress policy. Such events include formal dining events, pageants, and those which, when announced, indicate dress guidelines apply. Students who fail to comply with these guidelines for such events will be denied admission.

- Dress pants or dress skirts.
- Collared shirts or blouses.
- Ties, if worn, must be dark in color.
- Dress shoes must be appropriately formal and dark in color.
- Religious headwear, if worn, must be dark in color.
- Artificial body adornments/jewelry and body art alterations are a personal choice. Designated officers of the University reserve the right to ask a student the right to ask a student to remove or cover anything deemed inappropriate for formal events.

For Baccalaureate, Commencement, and any other event at which graduation gowns are worn, pants or skirts that show below the hem of the gown must be dark in color; collared shirts that show above the neckline of the gown must be white.

Policy on Disruptive Behavior

Academic excellence demands that students maintain appropriate behavior and decorum in the classroom. The University will not tolerate disruptive behavior by students or condone any behavior by students or teachers that incites such behavior. Disruptive behavior is any behavior that causes disorder or turmoil in the classroom.

When a student is judged to have engaged in disruptive behavior, the instructor shall initiate the following procedures:

1. The instructor will request that the student discontinue the

disruptive action.

2. If the behavior continues, the instructor will ask the student to leave the classroom. Security will be called to remove the student if they do not leave when requested.
3. An incident report will then be completed by the instructor and filed with the Office of the Provost.
4. After the completion of an incident report, including the student's comments, the student must secure written permission from the Office of the Provost in order to return to class. The student will be held responsible for all absences incurred between the suspension from class and their return.
5. Any recurrence of disruptive behavior on the part of the student will result in expulsion from the class and an F grade in the semester in which the offense occurred.

Course Examinations

Semester or Term Examinations

All students must take the final examination in each course for which they are properly enrolled. Exceptions to this rule are granted by the Department Chair and Deans. The final examination must not account for more than 25% of a course's final grade. Failure to take a final examination does not guarantee a grade of I in a course.

Mid-Semester Evaluation

All course instructors are encouraged to offer mid-semester evaluations for each course.

Policy on Incompletes

An Incomplete, or I, may be assigned when the student is passing a course at the time of the request, but documented extraordinary circumstances beyond the student's control prevent completion of the course. In general, failing the final exam or project or not submitting coursework due to inadequate preparation or learning are not valid justifications for an Incomplete. In addition, an *Incomplete* may be assigned when a student is judicially suspended from the university.

If the instructor and student agree that an Incomplete is appropriate, the instructor will complete a Record of Incomplete Form when the grade is submitted. This form documents the reason for the incomplete grade, the requirements for resolving it, and the date by which it must be resolved. This date may not exceed six weeks into the next semester (three weeks into the next term for students in the Evening and Online Program) or one calendar year (for students receiving an Incomplete **grade in** courses related to their Senior Investigative Paper). The original copy of this communication must be submitted to the Office of the Registrar, with copies going to the student and the instructor.

An instructor may request a deadline extension by submitting a request to the Office of the Registrar. This deadline may not exceed three consecutive semesters or the student's anticipated graduation date, whichever is earlier.

Resolving an Incomplete

When a student completes the requirements specified on the Record of Incomplete Form, the instructor must submit the appropriate grade. A student who does not remove the grade within the timeframe specified above will receive the alternate grade assigned by the instructor. All incomplete grades must be removed prior to any student graduating from the University.

Repeating of Courses

Except in cases specifically and explicitly outlined in course and program descriptions, no student will receive credit for the same course twice. If any course is repeated in which credit hours are earned, the student's permanent record will be adjusted by subtracting the hours of the lower grade from the total hours earned. Credit hours will then be recorded for only the higher grade. Students may not retake a failed JCSU course(s) at another college or university without prior approval from his or her College Dean. This exception may not exceed a total of 13 credit hours throughout the duration of the students' academic catalog in which he or she entered.

Dropping Courses

A student may drop a course during the drop period and receive a letter grade of W.

Abandoning a Course(s)

A student who simply stops attending a class, after initial attendance, may receive a failing grade for the course and will be financially responsible for all charges associated with the course(s). Abandoning a class may impact a student's eligibility for federal financial aid.

Withdrawals

Student Withdrawal Policy

Official Withdrawal

Students may officially withdraw from the University up to the last day designated on the Academic Calendar to drop classes. Before initiating the withdrawal process, students should consult with their advisor to discuss the reason(s) for the withdrawal and develop a plan for degree completion. To withdraw from the University, a student must obtain an Official Withdrawal Form from the Office of the Registrar or download one from the JCSU web portal. The student should complete the form and submit it to the Office of the Registrar where it is placed in the student's permanent record. Failure to properly withdraw from the University may result in a grade of **F** for all courses in which the student was enrolled that semester.

Medical Withdrawal

When issues related to a student's health prevent him or her from continuing, it is the intent of the university to provide a mechanism whereby the student may withdraw from their studies and return to the university when able. In those circumstances where a student's health causes a student to pose a threat to others or significantly pose a threat to themselves, this policy allows the University to involuntarily withdraw a student from the university.

This policy applies to all undergraduate and graduate students at Johnson C. Smith University and is applicable for the entirety of the academic calendar, including the summer semester. Procedures established by the University Health Center, Division of Health and Wellness and the Department of Athletics will be followed to determine the need for a Medical Withdrawal and/or impact of medical issues for student's re-enrollment.

Medical Withdrawal Procedures

1. Students who seek to withdraw from the University due to a physical or mental health condition must contact an authorized University administrator or the Department of Athletics healthcare administrator to discuss their intention to medically withdraw.
 - a. All students should be aware that a medical withdrawal may impact financial aid adjustments and should contact the Office of Financial Aid separately to discuss concerns.
2. If a medical withdrawal is an appropriate option based on the student's meeting with an authorized University administrator or the Department of Athletics healthcare administrator, the students will be advised to submit a Medical Withdrawal Request form, which may be obtained from the JCSU Web Portal.
 - a. If the student's health condition is being managed by a clinician or medical provider outside of the University, the treating provider(s) must complete the bottom of the withdrawal form with dates of service and information regarding the student's date to return to the University. In addition, the form must contain the student and provider's signature to verify that the condition warrants consideration for a full medical withdrawal. Any information not provided may cause a delay or inability to make the appropriate health-related determination upon student's return.
3. Students who are granted a withdrawal after the close of the add-drop period because of physical or mental health will receive a "W" for all courses attempted during that semester or sub-term.
4. In situations where there are unresolved issues related to a student's behavior/conduct and/or financial obligation to the university, a hold may be placed on the student record at the time of withdrawal.
5. Undergraduate and Graduate students receiving any financial aid should consult with the Office of Financial Aid about the potential financial impact of withdrawing. Any adjustments to the student's account will be made in accordance with university policy.

Involuntary Withdrawal Process

1. The University may involuntarily withdraw a student or place conditions for continued attendance when, because of a student's health condition, any or all the following exist:
 - a. The student threatens the safety of others;
 - b. The student causes or threatens to cause significant property damage;
 - c. The student significantly disrupts the activities of the Johnson C. Smith University community.
2. The authorized University Administrator will consult with the appropriate medical and/or psychological resources and may involuntarily withdraw a student from the University or place conditions on the student's continued enrollment.
3. If a student is involuntarily withdrawn from the University, the Dean of the Division of Health and Wellness, in consultation with appropriate campus resources, will decide the length of separation from the University and describe the conditions under which the student may seek to return. The Office of the Registrar will place a Medical Withdrawal Hold on the student's record until the student has been granted readmission.
4. Students involuntarily withdrawn from class after the add-drop period will receive a W for all courses attempted during that semester.

Re-enrollment from a Medical Withdrawal

It is the University's intention to support students in a successful return to the university community when physical or mental health has necessitated withdrawal. Therefore, students readmitted to the University after a medical withdrawal will follow the following procedures:

1. Students wishing to return to the university following medical withdrawal should complete the following steps, ideally 45 days prior to the semester start date:
 - a. Notify an authorized University administrator or the Department of Athletics healthcare administrator to return to the university.
 - b. Submit a copy of a medical release form to the Director of Health Center, Department of Athletics Compliance Officer, or authorized University administrator.
 - c. Address any holds that may have been placed on their account by contacting the appropriate office(s) that may have placed a hold.
2. Policies related to academic progress and standards may be considered in determining the readiness to return.
3. Students are encouraged to meet with supportive resources including the Department of Athletics, or authorized University administrator.

Administrative Withdrawal Policy

Current Balances

Any student who has not paid or does not expect to have sufficient funding to cover his or her outstanding account balance prior to the financial clearance deadline on the Academic Calendar may be subject to the Administrative Withdrawal Policy and Academic Withdrawal. To complete the financial clearance process, the Office of Student Accounts payment.

Examples of acceptable financial sources include:

- Any combination of approved student loans,
- Approved parent loans,
- An accepted University Payment Plan: monthly payment plan contract and down payment have been made,
- Documented federal and state aid.

If the student is not able to demonstrate a financial plan, he or she will be administratively withdrawn (i.e., the student will not be allowed to attend classes, rehearsals, auditions or participate in any other University student activities.) In addition, he or she will not be allowed to move into a Residence Hall or use a meal plan.

If a student is reported as attending a course(s), they will be academically withdrawn from the course and receive a **W** on the official academic transcript.

Outstanding Balances from Prior Semester

A student with an outstanding balance from a prior semester will not be allowed to register for the next semester until the prior outstanding balance has been paid. If a student is registered prior to having the prior balance held placed on their account, the student is subject to the Administrative Withdrawal Policy.

Outstanding Balances during the Semester

If the student's financial aid eligibility changes or if the student's financial awards require recalculation due to a change in the student's course schedule, the student will be responsible for the balance created on their student account. If the student does not receive financial aid or withdraws prior to receiving their financial aid, all outstanding charges, including books and other fees, will be the student's financial responsibility.

It has been and remains the policy of Johnson C. Smith University to withhold diplomas, degrees, official transcripts students with any outstanding debts to the University. This policy includes, but is not limited to, amounts owed in satisfaction of tuition, loan agreements, fees, and charges, as well as monies owed for occupancy in residences and food service. No student with an outstanding balance, including library fines, will be allowed to receive their diploma or degree during commencement. Any student who does not fulfill the financial commitments to which they agreed may be subject to the Administrative Withdrawal

Policy.

Hold Policy

Students with outstanding financial obligations to the university (e.g., fine, tuition, materials, or financial aid) may have a hold placed on educational records. If a student has a hold, s/he will not be able to request or receive an official transcript of his/her academic record.

Holds may also be placed if a student fails to provide documentation (e.g. official transcripts, proof of identification, immunization records, judicial information, etc.) to complete their academic and/or student record. A hold may be placed if a student has failed to meet academic standards established by university policy, student housing policy, or State Immunization requirements.

All university holds may prohibit students from registering for a subsequent semester.

Transfer of Credit

United States Transcripts

Students may obtain credit by attending another college or university if the following conditions are met:

1. The proposed institution of study must be accredited by one of the following regional accrediting organizations and TRACS and offer courses equivalent to those at JCSU:
 - a. Accrediting Commission for Community and Junior Colleges (ACCJC)
 - b. Higher Learning Commission (HLC)
 - c. Middle States Commission on Higher Education (MSCHE)
 - d. New England Commission on Higher Education (NECHE)
 - e. Northwest Commission on Colleges and Universities (NWCCU)
 - f. Southern Association of Colleges and Schools Commission on Colleges (SACSCOC)
 - g. WASC Senior College and University Commission (WSCUC)
 - h. Transnational Association of Christian Colleges and Schools (TRACS)
2. The student must secure approval of transfer credit in writing from instructors, advisors, Chairs of the Departments at JCSU, and the Office of the Registrar by obtaining the proper signature on a Transfer of Credit form before enrolling in the course. The form can be obtained from the Office of the Registrar and, after being properly completed, it should be returned to the Office of the Registrar. Elective credits may be received for certain courses that do not correspond to any offered at JCSU, provided approval is first received from the appropriate Department Chair and Registrar.
3. Approved courses in which the student receives a grade of C or better are transferable. Quality points and grades are not transferable; credit hours are transferable. Credit will not be accepted for courses where a grade below C was earned.
4. Typically, no more than 15 hours may be transferred during a given semester.

5. The maximum number of credit hours an undergraduate student may take in any consortium or transient period is fifteen. If an undergraduate transfer student is approved to take course work at another university in a consortium and/or or as a transient, he or she is still required to complete a minimum of 25% of their credit hours at Johnson C. Smith University.

International Transcripts

Academic transcripts submitted to the Office of the Registrar for evaluation should be certified original documents. Documents in a language other than English must be accompanied by an official English translation. Students requesting credit for specific JCSU course equivalencies need to include detailed course descriptions (in English) with their transcript or evaluations from a nationally recognized educational evaluation service for consideration (e.g. WES or IEE).

Credit by Examination

Advanced Placement Credits

Students satisfactorily completing Advanced Placement (AP) Examinations in disciplines offered by the University will be awarded academic credit. AP examination scores of three (3) or above will be accepted for college credit. Students may receive additional credit hours if scores are four (4) or above after consultation with the appropriate Department Chair and College Dean. Students are responsible for having their AP score(s) submitted directly to the University by the College Board.

Advanced Placement Examination Equivalency Chart

| AP Examination | JCSU Course(s) Equivalents | Number of Credit Hours Received |
|--------------------------------------|---|---------------------------------|
| Art History | Humanities Electives | 6 |
| Studio Art | Humanities Electives | 3 |
| Biology | BIO 143 and BIO 144 | 8 |
| Calculus AB | MTH 231 (score of 3 or above) MTH 232 (score of 4 or 5 only) | 3 |
| Calculus BC | MTH 231-MTH 232 (score of 3 or above) one-hour MTH elective (score of 4 or 5 only) | 6 |
| Chemistry | CHE 131, 111, and CHE 132, 112 | 8 |
| Computer Science A | CSC 131 | 3 |
| Computer Science AB | CSC 131 and 230 | 6 |
| Macroeconomics | ECO 231 | 3 |
| Microeconomics | ECO 232 | 3 |
| ENG Language and Composition | ENG 131 and 296 | 6 |
| ENG Literature and Composition | English Electives | 6 |
| Environmental Science | Science Elective | 4 |
| French Language Electives | | 6 |
| French Literature Language Electives | | 6 |
| German Language electives | | 6 |
| U.S. Government | POL 131 | 3 |
| Comparative Politics | POL 333 | 3 |
| European History | History Electives | 6 |
| U. S. History | HIS 135 and 136 | 6 |

| | | |
|---------------------------------------|---------------------------|---|
| International English | English Electives | 6 |
| Latin | Language Electives | 6 |
| Music Theory | MUS 143 and 144 | 6 |
| Physics B | NSC 140 | 4 |
| Physics C (Mechanical) | PHY 243 | 4 |
| Physics C (Electricity and Magnetism) | PHY 244 | 4 |
| Psychology | PSY 131 | 3 |
| Spanish Language | SPA 131 and 132 | 6 |
| Spanish Literature | Language Electives | 6 |
| Statistics | PSY 233, BUS 233, MTH 136 | 3 |

International Baccalaureate Credits

JCSU recognizes the International Baccalaureate Diploma Program. Examinations of the International Baccalaureate Program (IB) will be awarded college credit and advanced placement in the areas considered equivalent to Johnson C. Smith University courses provided the student earns a four (4) or higher. JCSU recognizes the following courses from the IB subject groups:

- Group 1 (Best Language) – Language A1
- Group 2 (Second Language) – Modern Languages, Classical Languages
- Group 3 (Individuals and Societies) – Business and Management, Economics, Geography, History, Philosophy, Psychology, Social Anthropology
- Group 4 (Experimental Sciences) – Biology, Chemistry, Physics
- Group 5 (Mathematics) – Mathematics HL, Computer Science
- Group 6 (Arts) – Visual Arts, Music, Theatre Arts

Acceptable scores will be determined by the respective department(s). Each subject will be awarded elective or general education credit and will be equivalent to one semester of credit or four semester hours. Awarding credit to the major is at the discretion of the Department Chair. The maximum number of IB credit hours a student can earn toward fulfilling graduation requirements is 16.

Placement Tests

Placement tests are administered by the University to students in Mathematics, Spanish, French, and the Natural Sciences. Students achieving the required competency levels on one or more examinations will be placed in upper-level courses in that discipline or exempted from enrolling in selected University required courses.

Grade Report

A student may view his or her midterm or final grade by logging into the JCSU Web Portal. In general, grades can be viewed by advisors and students in the JCSU Web Portal. Only final semester grades are permanently recorded.

Permanent Records Folder

The permanent records folder includes but are not limited to:

- application for admissions,
- the original copies of all registration forms,
- drop/add forms,
- Incomplete removal,
- transcript evaluations,
- official transcripts,
- name change documents,
- proof of identification,
- grade changes and
- application for degree.

Transcripts

Official transcript requests can be made through the National Student Clearinghouse at www.studentclearinghouse.com (<https://www.studentclearinghouse.org/>). An official transcript of a student's academic record will be sent to a designated person or institution upon written receipt of a request and only if a student has cleared all financial obligations to the University. Otherwise, no transcript will be released. There is a \$10.00 fee for each copy of a student's transcript.

Classification of Students

Students in the University are classified at the beginning of each semester according to records in the Office of the Registrar. The classifications are:

- **Seniors:** Students who have, unconditionally, at least 90 credit hours of coursework.
- **Juniors:** Students who have, unconditionally, at least 60 credit hours of coursework.
- **Sophomores:** Students who have, unconditionally, at least 30 credit hours of coursework.
- **Freshmen:** All students, not registered as special, who have less than 30 hours of coursework.

Family Educational Rights and Privacy Act (FERPA)

The Family Educational Rights and Privacy Act (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) is a federal law that protects the privacy of students' education records. The law applies to all schools that receive funds under an applicable program of the U.S. Department of Education.

Parents and guardians have certain rights with respect to their children's education records. However, under FERPA, these rights transfer to the student when they reach 18 or attend a school beyond high school. At JCSU, a student's education record consists of:

- Permanent Academic Record Folders and Transcript of Grade Student Personnel Records,
- Disciplinary Records,
- Student Accounts (Business and Financial Affairs),

- Financial Aid Records,
- Medical Records,
- Admissions Records,
- Counseling Records,
- Placement Records, and
- Academic Advisement Records.

A student must give written authorization to the Office of the Registrar for the sharing of her or his education records.

Student Records

Student record information is confidential and private. In accordance with both federal law (FERPA) and University policy, the University does not release student record information without prior written consent of the student. The one exception to this is that the University may release "directory information" items without prior student consent. Directory information is defined as information which would not generally be considered harmful or an invasion of privacy if disclosed. Designated directory information at Johnson C. Smith University includes the following:

- Name
- Address (local, permanent residence and electronic mail)
- Telephone number
- Class level (semester class or level: first-year, sophomore, junior, senior, etc.)
- Major
- Student activities
- Dates of attendance
- Enrollment status (full-time, part-time, or not enrolled)
- Date of graduation
- Degrees and awards received.

Students who do not wish this information to be made public must complete a Request to Withhold Directory Information Form found on the JCSU web portal and submit it to the Office of the Registrar. The Office of the Registrar will notify other University offices of such a request. Students understand that if they withhold directory information, it will not be released to anyone unless the health or safety of an individual is involved.

Record of Immunization Law

Students enrolled in more than 4.00 credit hours and who are taking any classes which begin before 5 p.m. Monday through Friday, are required to provide valid documentation of immunization, compliant with North Carolina State Law (NC G.S. § 130A-155.1; NC G.S. § 130A-152). The statute applies to all students except for students residing off-campus and registering for any combination of:

- Evening Courses
- Weekend Courses

- Online Courses
- No more than four-day credit hours in on-campus courses

If at any time the above student changes to on-campus courses, a course load more than 4.00 credit hours, on-campus residence, and/or enrollment in day-time courses, a Certificate of Immunization or record of immunization must be presented on or before the date the person first registers for the semester.

Student Grievance Process

Grievance procedures are available to students to ensure a prompt and equitable resolution of complaints concerning academic and non-academic issues. Please see the section on Written Grievance Process.

Online and Hybrid Courses at JCSU

JCSU offers both online and hybrid courses. These courses and their associated fees are identified in the University's registration database. Typically, there is an additional fee of \$185.00 per semester. Online classes meet electronically 100% of the course time; hybrid classes meet approximately 49% online and 51% face-to-face.

The Learning Management System (LMS) employed by the University is CANVAS.

Students who register for online and/or hybrid courses must be financially cleared at the University for the semester/term in which the course is being offered. Upon financial clearance, students are assigned a unique email and password, and Student Identification Number. Only those students who officially register for a given course are uploaded to CANVAS. Once uploaded, students may be required to log on to their university email to accept an invitation to join some, but not all, courses. Logging into CANVAS is the only method of accessing actual coursework for an online or hybrid class. The same process is required for computer-assisted courses, where instructors want to use electronic resources for classroom instruction. Upon entering an online/hybrid course, students have access to the Online Student Handbook that addresses the expectations of academic integrity.

Intellectual Property and Copyright Policy

For specific information on ownership of materials, compensation, copyright issues, patents, and the use of revenue derived from the creation and production of all intellectual property, see the Johnson C. Smith University Policy Manual on Intellectual Property and Copyright Policy. The policy was approved as amended by the Board of Trustees of Johnson C. Smith University in accordance with Board Resolution Number EAC 11-4-16.

Academic Programs

At Johnson C. Smith University, the educational program is continuously under review, and so experimental courses/programs are offered. The University offers the Liberal Studies Program and three academic Colleges: The College of Business and Professional Studies (which includes the graduate program), the College of Liberal Arts, and the College of Science, Technology, Engineering, and Mathematics. Through its academic units, the University confers four types of degree: The Bachelor of Arts, the Bachelor of Science, the Bachelor of Social Work, and the Master of Social Work.

| College | Department | Degrees | Program Type |
|--|---|--|--|
| College of Business and Professional Studies | Business Administration | Business Administration (B.S.) | Accounting (C) Economics (m) Entrepreneurial Studies (m) Finance (C) International Business (C) Management (C) Management Information Systems (C) Marketing (C) Public Leadership (m) Retail Management (C) Business Administration (m) |
| College of Business and Professional Studies | Health and Human Performance | Sport Management (B.S.) Public Health (B.S.) | Exercise and Sport Science (m) Fitness and Wellness Management (m) Health Administration (m) Health Communication (m) Maternal Health (m) Public Health (M, m) Sport Management (M, m) School Health (m) Sports Coaching (m) Sports Medicine (m) |
| The College of Business and Professional Studies | Social Work | Social Work (B.S.W.) Social Work (M.S.W.) | Social Work (M, m, L) |
| College of Liberal Arts | Arts and Humanities | Dance (B.A.) Music (B.A.) | Arabic (m) Chinese (m) Dance (m) English (m) Ethics (m) French (m) French and Francophone Studies (m) Music (M, m) Philosophy (m) Religion (m) Spanish (m) |
| College of Liberal Arts | Social Sciences and Interdisciplinary Studies | Criminology (B.A.) Cultural Studies (B.A.) Interdisciplinary Studies (B.A.) Political Science (B.A.) | Africana Studies (m) Criminology (M, m) Cultural Studies (m, m) Cyber-Intelligence and Technology (m) Global Studies (m), History (m) Interdisciplinary Studies (M, m) Political Science (M, m) Pre-Law (m) Sociology (m) Women, Gender, and Sexuality Studies (m) |
| College of Liberal Arts | Rhetoric and Communication Studies | Communication Arts (B.A.) | Animation (m) Communication Arts (M, m) Fine Art (m) Photography (m) Sound Art (m) Theatre (m) |
| College of Science, Technology, Engineering and Mathematics (STEM) | Computer Science, Engineering and Mathematics | Computer Engineering (B.S.) Computer Science/Information Systems (B.S.) Information Systems Engineering (B.S.) Mathematics (B.S.) | Bioinformatics (m) Computer Engineering (M) Computer Science (M, m) Cyber Security (m) Data Science (m) Mathematics (M, m) Mathematical Finance (C) |

| | | | |
|--|---------------------------------|---|--|
| College of Science, Technology, Engineering and Mathematics (STEM) | Natural and Behavioral Sciences | Biology (B.S.), Chemistry (B.S.), Psychology (B.A.) | Biology (M, m), Chemistry (M, m), Psychology (M, m), Sustainability (m) |
|--|---------------------------------|---|--|

Concentration [C]
Licensure [L]
Major [M]
Minor [m]

The University reserves the right to alter, revise, or eliminate any academic program it deems necessary.

Liberal Studies

The Liberal Studies Program is a constitutive part of the Johnson C. Smith University educational experience. In line with the institution's mission, the program is designed to graduate students whose skills allow them to communicate effectively, think critically, and learn independently as well as collaboratively. Considering the vision of the university as a Premier Independent Urban University, the Liberal Studies Program also provides exposure to a number of areas that allow students to engage with the world at large and that help them to answer fundamental questions about their own identity and their place in the world.

The Liberal Studies Program consists of two elements. The required courses in the Foundations improve students' proficiency and ease with skills that are prerequisites for life-long professional success and personal satisfaction. The Pillars, the second element of the Liberal Studies Program, constitute a distributional collection of requirements that allow flexibility and choice. While the Pillars are both supported and pervaded by the skills that are the primary focus of the Foundations, the Pillars provide engagement with diverse ways of knowing the world. Immersion into various disciplines and fields of knowledge enables students to appreciate how questions about the world, about self, about traditions and values can be answered in different ways. Students will have opportunities to discover the way(s) in which they, as individuals, can best make sense of the world and how they can articulate this meaning to themselves and to others.

Liberal Studies Course Designation Key

- LSF: Foundations course
- LSP: Pillars course

Foundations Requirements

- CS: Computers in Society;
- HP: Health and Physical Education;
- MT: Mathematics;
- NL: Non-Native Language;
- SS: Smith Seminar;
- RH: Rhetoric

Pillars Requirements

- HU: Humanities;
- IG: Integrated Studies/Global Studies;

- NS: Natural Sciences;
- SB: Social and Behavioral Sciences;

Foundations

Unless exempted through placement testing, students are required to complete the course requirements listed below. The common objective for each is to enable students to acquire confidence in skills that are necessary for life-long professional success and personal satisfaction.

Computers in Society (3 hours)

CSC 131 Computers in Society

3.00 credit hours

This course provides students with an introduction to computer hardware and software in addition to computer applications such as word processing, spreadsheets, database, power point, and multimedia. The course will also introduce students to the World Wide Web and its application. LSF: CS

Health and Physical Education (3 hours)

HED 132 Personal Health and Wellness

3.00 credit hours

A lecture and physical activity course focusing on topics such as preventive health care, nutrition, physical activity, coping in today's society, decision making, diseases, drugs, love and the human life cycle. LSF: HP

PED 131 Aerobic Fitness

3.00 credit hours

This course incorporates the basic principles of cardiovascular conditioning through low and high impact moves and intensities. Classes will include kickboxing, boot camp, step aerobics, and circuit training, combined with stretching, muscle toning and abdominal work. This course will be part lecture and part activity to promote overall physical fitness and wellness. Students will learn to participate in aerobic combinations helping to improve their cardiovascular system, have a better understanding of weight control, determine their body composition and current cardiorespiratory and muscular fitness levels, and select a safe and appropriate aerobic program. LSF: HP

PED 136 Physical Fitness and Wellness

3.00 credit hours

This course is designed for students to participate in physical activity. It involves the interaction and participation of aerobic fitness and conditioning exercises that emphasize cardiovascular endurance, muscular endurance, muscular strength, body composition, flexibility and stress management through yoga practice. The course promotes healthy living that encompasses wellness and a science-based approach towards the field of

nutrition, exercise, health promotion and disease prevention. LSF: HP

PED 138: Yoga: Union of Mind & Body

3.00 credit hours

A lecture and physical activity course which introduces students to optimal wellness and incorporates four dimensions of the model: social, emotional, physical, spiritual aspects. This course will also explore the many dimensions of yoga, which includes, yoga philosophy, practice of Hatha yoga postures, focused breathing, stress and weight management, balance, flexibility, control of the mind, and concentration through meditation. Its focus is on staying healthy, taking proper nutrition, aerobic fitness, strength and relaxation. The course also helps obtain knowledge about the benefits of such activities. LSF: HP

Mathematics (3 hours)

MTH 131 College Algebra

3.00 credit hours

This course is designed to provide an investigative approach to college algebra using the computer and graphing calculator as tools. The topics covered include basic concepts of algebra, functions and graphs, polynomials and rational functions, exponential and logarithmic functions, systems of equations and solving systems of equations using matrices, sequences and series. At least one hour per week of computer assisted laboratory instruction is required. LSF: MT

MTH 133 Survey of Practical Applications of Mathematics

3.00 credit hours

This course explores practical applications of mathematics in daily life. Students are introduced to linear, quadratic, exponential, and logarithmic functions and some of their many applications. Students are exposed to fundamental principles of probability and descriptive statistics including regression. Students also learn how to construct and interpret graphical representations of data. Boolean logic, Venn diagrams, and basic principles of mathematical finance are also covered. Word problems are used extensively to help develop problem-solving and critical-thinking skills that can be routinely applied in daily life. Whenever possible, technology (including calculators and software applications) is used to illuminate the concepts covered in the course and assist problem solving.

Prerequisites: MTH 130 or placement.

LSF: MT

MTH 136 Introductory Statistics

3.00 credit hours

Descriptive and inferential statistics. Frequency distributions, population and samples, measures of central tendencies and variation. Probability, normal, t, and chi distributions. Hypothesis testing, estimations and confidence intervals. Linear regression.

Prerequisite: MTH 131 or by placement.

LSF: MT

MTH 137 Precalculus I

3.00 credit hours

Equations, Inequalities, and Modeling; Functions and Graphs; Exponents and Radicals; Polynomial and Rational Functions; Exponential and Logarithmic Functions; Conic sections.

Prerequisites: MTH 131 or by placement or consent of Department.
LSF: MT

MTH 138 Precalculus II

3.00 credit hours

The Trigonometric Functions; Trigonometric Identities and Conditional Equations; Applications of Trigonometry; Systems of linear equations; Matrices and Determinants; Sequences, Series, and Probability.

Prerequisites: MTH 137 or by placement or consent of Department.,
LSF: MT

MTH 231 Calculus I

3.00 credit hours

Functions and graphs, slope and tangent lines, concepts of limit and continuity. Differentiation and applications in maxima and minima problems, and rates of change.

Prerequisites: MTH 138 or placement.
LSF: MT

MTH 232 Calculus II

3.00 credit hours

Anti-derivatives, Fundamental Theorem of Calculus and definite integrals, Applications of the definite integral to area, volume, force and work, and arc length. Transcendental functions. Techniques of integration.

Prerequisites: MTH 231.
LSF: MT

The University-Wide Non-Native Language Requirement

All JCSU students are required to satisfy the 131-132 sequence of a non-native language either by passing or placing out of the courses. All students who have studied a non-native language prior to matriculating are recommended to take a placement examination in that language. According to their scores, students will be placed in the 131, 132, 231, 232 sequences of the language studied. Students who place in 231 or 232 will have satisfied the non-native language requirement of the General Education Program; however, no credit is granted. For any exempted hours, these students will have to substitute additional electives from university-wide course offerings. They may elect to continue the study of non-native languages as electives.

The language requirement can be met by one of these sequences:

| Code | Title | Hours |
|-------------------|--|-------|
| ARA 131 & ARA 132 | Elementary Arabic I and Elementary Arabic II | 6 |
| CHI 131 & CHI 132 | Elementary Chinese I and Elementary Chinese II | 6 |
| FRE 131 & FRE 132 | Elementary French I and Elementary French II | 6 |
| GER 131 & GER 132 | Elementary German I and Elementary German II | 6 |
| GER 135 | Intensive Intro German | 6 |
| ITA 131 & ITA 132 | Elementary Italian I and Elementary Italian II | 6 |
| ITA 135 | Intensive Introductory Italian | 6 |
| LAT 131 & LAT 132 | Elementary Latin I and Elementary Latin II | 6 |
| LAT 135 | Intensive Introductory Latin | 6 |
| SPA 131 & SPA 132 | Elementary Spanish I and Elementary Spanish II | 6 |

Students who wish to satisfy the language requirement with a language other than those listed may take the equivalent of 131 and 132 at another college or university and submit them as transfer courses via the procedures outlined above.

Non-Native Language (6 credit hours)

ARA 131 Elementary Arabic I

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of Arabic cultures. LSF: NL

ARA 132 Elementary Arabic II

3.00 credit hours

A continuation of ARA 131 in an ever-interactive classroom environment emphasizes expansion of vocabulary and grammatical concepts and exposure to the concrete reality of culturally diverse attitudes and behaviors.

Prerequisites: ARA 131 or placement by examination. LSF: NL

CHI 131 Elementary Chinese I

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of Chinese culture. LSF: NL

CHI 132 Elementary Chinese II

3.00 credit hours

A continuation of CHI 131 in an ever-interactive classroom environment emphasizes expansion of vocabulary and grammatical concepts and exposure to the concrete reality of culturally diverse attitudes and behaviors.

Prerequisites: CHI 131 or placement by examination. LSF: NL

FRE 131 Elementary French I

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of French/Francophone culture. LSF: NL

FRE 132 Elementary French II

3.00 credit hours

A continuation of French 131 in an ever-increasing interactive classroom environment with emphasis on expansion of vocabulary and grammatical concepts as well as exposure to the concrete reality of culturally diverse attitudes and behaviors.

Prerequisites: FRE 131 or placement by examination. LSF: NL

GER 131 Elementary German I

3.00 credit hours

This course is designed for students without prior knowledge of German. We will begin the survey of German vocabulary and grammar to develop the skills of reading, listening, writing and speaking German. In addition, we will begin to learn the German culture. LSF: NL

GER 132 Elementary German II

3.00 credit hours

This course continues the introduction to German. We will learn additional vocabulary and grammar to broaden our ability to read, understand, speak, and write German.

Prerequisites: GER 131. LSF: NL

ITA 131 Elementary Italian I

3.00 credit hours

This course is designed for students without prior knowledge of Italian. We will begin the survey of Italian vocabulary and grammar to develop the skills of reading, listening, writing and speaking Italian. In addition, we will begin to learn about the Italian culture. There are no prerequisites for this course. LSF: NL

ITA 132 Elementary Italian II

3.00 credit hours

This course continues the introduction to Italian. We will learn additional vocabulary and grammar to broaden our ability to read, understand, speak and write Italian.

Prerequisites: ITA 131. LSF: NL

ITA 135 Intensive Introductory Italian

6.00 credit hours

This intensive course covers Elementary Italian I and Elementary

Italian II in one semester. It provides an introduction to Italian by emphasizing vocabulary and grammar to develop the skills of reading, listening, writing and speaking Italian. In addition, we will begin to learn about the Italian culture.

LAT 131 Elementary Latin I

3.00 credit hours

This course introduces the fundamentals of reading classical Latin. It emphasizes vocabulary, syntax, and Roman culture, which are studied by working with authentic and adapted materials from the target language. LSF: NL

LAT 132 Elementary Latin II

3.00 credit hours

This course continues LAT 131 and the introduction to the fundamentals of reading classical Latin. It emphasizes vocabulary, syntax, and Roman culture, which are studied by working with authentic and adapted materials from the target language.

Prerequisite: LAT 131 or placement by examination. LSF: NL

LAT 135 Intensive Introductory Latin

6.00 credit hours

This intensive course covers Elementary Latin I and Elementary Latin II in one semester. It introduces the fundamentals of reading classical Latin by emphasizing vocabulary, syntax, and Roman culture, which are studied by working with authentic and adapted materials.

SPA 131 Elementary Spanish I

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of Hispanic culture. LSF: NL

SPA 132 Elementary Spanish II**3.0 hours**

A continuation of Spanish 131 in an ever-increasing interactive online and in-classroom environment with emphasis on expansion of vocabulary and grammatical concepts as well as exposure to culturally diverse attitudes and behaviors. The course will also provide multicultural experiences from different parts of the Hispanic world that will not only help students to appreciate linguistic and cultural diversity but also equip them to be better global citizens.

Prerequisites: SPA 131. LSF: NL

Smith Seminar (3 hours)**SMS 100 Smith Seminar**

3.00 credit hours

This course is designed to meet the needs of first year students at Johnson C. Smith University, including entering freshman as well as transfer students. The course aims to foster academic success, facilitate student engagement and connection with JCSU experience, and to prepare and assist students in their personal growth and development as they forge intellectual and professional identities. LSF: SS

Rhetoric (9 hours): Public Speaking (3 hours), Composition (3 hours) and Academic Research (3 hours)

COM 130 Public Speaking and Communication

3.00 credit hours

A practical communication course in public speaking and professional communication in various public and professional settings and platforms. (Formerly COM 130 Fundamentals of Speech).

Note: Students must receive a grade of **C** or higher. LSF: RH

ENG 131 Composition

3.00 credit hours

A study of composition with an emphasis on the writing process, the coherence and support of arguments, Standard Written English syntax and grammar, information literacy, and critical reading.

Note: Students must receive a grade of **C** or higher. LSF: RH

RHC 133 Academic Research

3.00 credit hours

This course introduces a variety of academic writing styles from various disciplines to develop rhetorical skills in writing clear, purposeful, and effective prose in an academic context. Students will learn how to develop an effective research question/thesis, conduct a literature review, compile an annotated bibliography and outline, and produce an APA-formatted research paper grounded in this research. The course focuses on developing analytical reading skills in an academic context, as well as critical thinking and written communication skills related to conceiving and executing an investigative research paper. **Note:** Students must receive a grade of **C** or higher.

Prerequisites: ENG 131. LSF: RH

Pillars

Students are required to complete the requirement for each of the Pillars by choosing from among the courses listed within a Pillar. In addition, students are required to complete an additional three (3) credit hours by selecting courses from any of the four Pillars. The

common objective for the Pillars is to introduce students to various traditions and fields of inquiry that human beings continue to use to explain, organize, and interpret the world and their place in it.

Some major programs may require students to take courses within some or all the Pillars for reasons of program accreditation. Students are encouraged to have detailed conversations with their academic advisor about how to make the best choice(s) that satisfy both student interest and requirements within a given major.

Humanities (3 hours)

Completion of this requirement enables students to understand the human condition as it is expressed in various media, such as, for example, writing, art, and music. An introduction to the working methods of philosophers, historians, literary critics, or other practitioners in related areas enables students to appreciate the ways in which the humanities attempt to answer important questions. Students gain knowledge and acquire vocabulary to help them frame appropriate questions, formulate theses, and analyze theses to assess their validity and purpose.

CST 231 Introduction to Cultural Theory

3.00 credit hours

This course introduces students to a range of theories and interpretive strategies central to the field of cultural studies. Topics include defining and contesting "popular" culture, race and representation, gender and sexuality, Marxism, structuralism and post-structuralism, postmodernism and post-colonial theory. LSP: HU

Prerequisites: CST 131

CST 234 Introduction to Popular Culture

3.00 credit hours

Drawing on work in the field of Cultural Studies, this course introduces students to a variety of theoretical approaches to the study of popular culture. Students will survey a range of definitions and theories related to mass media and popular culture that focus on issues of ideology, power, and identity formation across a variety of sites, including film, television, popular music, social media, and digital gaming. LSP: HU

CST 332 Rapsody's Eve and Hip-Hop Feminism

3.00 credit hours

In this course, students will explore the roots and routes of hip-hop feminism through Rapsody's 2019 release EVE. Eve's track list features track titles with names of significant black women through history. Through critical readings, discussion, and multimedia expression, we will examine the history behind Rapsody's artistic representation of these women. This course features a particular focus on the roots of feminist thought among Black North Carolinians, including examination of the legacies of North Carolina artist and thinkers like Nina Simone, Anna Julia Cooper, and Roberta Flack. Additionally, students will look at hip-hop's history to engage with albums from women hip hoppers in multiple eras. Using critical

reading and listening skills, students will present original research on hip-hop history, hip-hop feminist criticism, and critical theory.
LSP: HU

ENG 232 Studies in World Literature

3.00 credit hours

An introduction to literature, using poetry, fiction, and drama from around the world (Africa, Asia, Europe, South and North America).

Prerequisites: ENG 131. LSP: HU

ENG 296 Topics in English

3.00 credit hours

This course provides a sophomore-level examination of a particular topic in language or literature. The course may be repeated for credit in cases where students take courses in different topics.

Prerequisites: a grade of C or better in ENG 131 or equivalent placement. LSP: HU

ENG 323 Writing for Social Media: Short Form

1.00 credit hours

An examination of short form writing for social media (e.g., memes and Twitter). This includes both an examination of this kind of writing, the practice and application of this kind of writing, and the ethics involved in this kind of writing (e.g., who has the right to an image used in a meme). LSP: HU

ENG 324 Writing for Social Media: Standard

1.00 credit hours

An examination of standard writing for social media (e.g., Facebook posts, blog posts, and comments found appended to articles—like news reports). This includes both an examination of this kind of writing, the practice and application of this kind of writing, and the ethics involved in this kind of writing (e.g., cyberbullying). LSP: HU

ENG 325 Writing for Social Media: Long Form

1.00 credit hours

An examination of long form writing for social media (e.g., full length articles designed for socially driven sites like The Huffington Post). This includes both an examination of this kind of writing, the practice and application of this kind of writing, and the ethics involved in this kind of writing (e.g., "link-bait" headlines, how and when should online writers be paid). LSP: HU

ENG 331 Advanced Composition

3.00 credit hours

Uses a variety of readings as a basis for essay writing with sophisticated rhetorical and organizational strategies. Emphasis is on elements of style, integration of source, varieties of argumentation, and length.

Prerequisites: ENG 234. LSP: HU

ENG 337 Creative Writing

3.00 credit hours

Study of theory and techniques of the short story, the essay, the novel, and poetry. Individual experimentation in various genres. Enrollment with prior consent of instructor. May be repeated once for credit with permission of the instructor, but only three hours may be counted toward English major requirements. LSP: HU

ENG 362 Global Slave Narratives

3.00 credit hours

This course introduces students to 18th and 19th Century Slave Narratives, autobiographical accounts written by slaves themselves about their experiences of capture, abuse, defiance, and survival within the confines of the peculiar institution known as slavery. The firsthand accounts emanate from counties like Cuba, Puerto Rico, Jamaica, the Dominican Republic, Haiti, the United States, and countries on the African continent. LSP: HU

ENG 364 Irish Literature

3.00 credit hours

A study of Irish literature in English. Varying choice of subject matter from year to year. LSP: HU

LS 130 ID: African American & Other Cul Tr

3.00 credit hours

The aim of this interdisciplinary Freshman Studies course is to enable students to examine the process of human identity formation in Western and non-Western contexts. The course aims also to enable students to examine themselves as individuals and as citizens – their beliefs, values, morals, customs, fears, strengths, talents, ethnicity, ways of coping and challenging, attitudes toward learning, and interaction with other humans. Students will conduct inquiry into the systems and factors of this process beginning with those which may have formed their individual identities: family, religious, political, and socio-cultural systems. Inquiry will be based on readings from a wide variety of cross-disciplinary materials, brainstorming through questioning, and analyzing arguments across the disciplines. LSP: HU

MUS 131 Introduction to Music Literature

3.00 credit hours

This course provides an overview of major musical styles, genres, and forms from the Middle Ages to the present. Emphasis is placed on developing critical listening skills, understanding stylistic characteristics, and recognizing representative composers and works. Students will explore the evolution of musical expression and its connection to historical and cultural contexts LSP: HU

PHI 131 Introduction to Philosophy

3.00 credit hours

A course introducing the student to the reading and doing of philosophy. Discussion of methods of philosophical inquiry and

representative philosophical concepts. (Satisfies the Humanities group in the Liberal Studies program.) LSP: HU

REL 231 Introduction to the Old Testament

3.00 credit hours

This course is a survey of the literature of the Hebrew Bible with readings from the law, prophets and other writings. Emphasis is placed on the use of literary methodologies that contemporary scholars use to understand Old Testament literature. LSP: HU

REL 232 Introduction to the New Testament

3.00 credit hours

This course is a survey of the literature of first-century Christianity with readings from the gospels, Acts, and the Pauline and pastoral letters. Topics include the literary structure, audience, and religious perspective of the writings, as well as the historical and cultural context of the early Christian community. Students are introduced to the critical methodologies that contemporary scholars use to understand New Testament literature. LSP: HU

VPD 432 Dance as an Art Form

3.00 credit hours

This course provides a broad history of concert dance, discussing the many purposes that dance has served in various cultures around the world, from the Middle Ages to the present. It provides context for the historical use of dance as religion, exercise, ceremony, protest, and art form. LSP: HU

Integrated Studies, Global Studies, and Emergent Fields (3 hours)

Completion of this requirement enables students to appreciate the synergy that global perspectives/subjects and different disciplines can bring to a field of inquiry. An introduction to the theoretical and methodological framework of the disciplines studied leads students to understand how theoretical underpinnings determine a discipline's perspective and also how, for emergent studies, there is always need to identify and articulate the theoretical grounding(s) in order to both recognize and creatively approach and solve new problems or questions.

ACC 230 Accounting for Non-Business Majors

3.00 credit hours

This course introduces Accounting as a language of business for non-business majors. Communication of financial information through financial statements and their major components will be the focus of this course. Students will be exposed to a basic analysis of financial information. LSP: IG

Prerequisites: MTH 131 or higher.

ARA 196 Introductory Topic in Arabic

3.00 credit hours

This course provides a freshman-level introduction to a particular topic in Arabic language or literature. The course may be repeated for credit in cases where students take courses in different topics. This course may, at times, be cross listed with ENG 196. LSP: IG
Prerequisites: A grade of C or better in ENG 131 or ARA 131 or equivalent placement.

ARA 296 Topics in Arabic

3.00 credit hours

This course provides a sophomore-level examination of a particular topic in Arabic language or literature. The course may be repeated for credit in cases where students take courses in different topics. The four-credit version includes a lab that examines the topic through Arabic-language texts. This course may, at times, be cross listed with ENG 296. In addition to these requirements, permission from the instructor may be required for the four-credit version of the course. LSP: IG

Prerequisites: A grade of C or better in ENG 131 or ARA 131 or equivalent placement.

BUS 100 Introduction to Business

3.00 credit hours

This Introduction to Business course explains the world of businesses and their owners, employees, and customers. Emphasis will be given to social responsibility, sustainability, economies of scale, and globalization. Basic business concepts, careers, and the interrelationships and complexities of businesses will be studied, analyzed, and evaluated. LSP: IG

CHI 196 Special Topics in Chinese

3.00 credit hours

This course provides a freshman-level introduction to a particular topic in Chinese language or literature. The course may be repeated for credit in cases where students take courses in different topics. This course may, at times, be cross listed with ENG 196. LSF: IG
Prerequisites: A grade of C or better in ENG 131 or CHI 131 or equivalent placement.

CHI 296 Topics in Chinese

3.00 credit hours

This course provides a sophomore-level examination of a particular topic in Chinese language or literature. The course may be repeated for credit for cases where students take courses in different topics. The four-credit section includes a lab section that examines the topic through Chinese-language texts. This course may, at times, be cross listed with ENG 296. In addition, a grade of C or better in CHI132, equivalent placement, or permission of the instructor for four credit versions of the course. LSF: IG

Prerequisites: A grade of C or better in ENG 131 or CHI 131 or equivalent placement.

CSC 133 Web Design

3.00 credit hours

This course will cover the basis of Web page and Web site Design. Students will be able to develop platform-independent sites using HTML and CSS. LSF: IG

CSC 134 Computer Science Principles

3.00 credit hours

This course introduces students to the foundational concepts of the field and challenges them to use computer science as a platform to positively impact their community. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts both locally and globally. LSP: IG

CSC 236 Intro to Medical Informatics

3.00 credit hours

The field of Medical Informatics deals with the storage, retrieval and use of information in health care and medicine. In addition to fundamental principles this course will introduce students to electronic health records, decision support systems, security issues, information retrieval, bioinformatics, public health informatics, imaging informatics, nursing informatics and consumer health informatics. Upon completion of the course, the students will be able to explain Healthcare data management, electronic medical records, Health IT software, computerized ECG, EEG and EMG, computer assisted medical imaging, and Magnetic Resonance.

Prerequisite: CSC 131. LSF: IG

CST 131 Introduction to Cultural Studies

3.0 credit hours

This course introduces students to cultural studies, an interdisciplinary field that examines the ways in which cultural processes and artifacts are produced, circulated, regulated, and consumed. Cultural studies employs diverse analytical and interpretive techniques from a variety of disciplines (including but not limited to literary studies, anthropology, communication, history, philosophy, and others) to examine, contextualize, and explore the ways in which power works to shape culture. Students will survey a range of significant works from the field that critically explore and "read" cultural texts through a variety of lenses (race, class, gender, etc.) and position these texts in broader historical, social, ethical, and political contexts. LSP: IG

Prerequisite: ENG 131

CST 232 Intro to Critical Studies in Race

3.00 credit hours

Drawing on the work in the field of Critical Studies, this course introduces students to a variety of theoretical approaches to the study of race in the United States. Students will survey the history of Critical Studies in Race in their various philosophical formations. After a historical survey of the field, students will identify how

Critical Studies in Race engages the historical scope of various disciplines that critically engage race in popular culture, economics, law, and criminal justice. LSF: IG

CST 233 Intro to Gender and Sexual Studies

3.00 credit hours

This course will provide an overview and analysis of gender and sexuality, focusing on exploring the relationship between gender, gender roles, sexuality, and global social institutions (the economy, family, religion, education). Focus will be given to social institutional changes and social movements. LSF: IG

CST 321 Critical Race Theory

3.00 credit hours

This course will examine the political debates in the U.S. over Critical Race Theory (CRT). Students will engage the theoretical routes of CRT as a legal theory to develop a clear definition of its inception and reception. After examining Critical Race Theory proper, students will parse the ways in which CRT now circulates both the Right and the Left to examine the ways in which CRT is deployed in the popular sphere. As such students will also engage the subtle differences between Critical Race Theory - a theory of legal deconstruction - and Critical Race Studies - a broader academic interdisciplinary perspective. LSF: IG

DSC 130 Introduction to Data Science

3.00 credit hours

This course is an introduction to data science and the practice of working through the entire data life cycle to inform decisions across various domains. Using real-world data, students will learn the basics of commonly deployed analytical methods and tools including data wrangling, cleaning, sampling, analysis, and visualization. Students will apply strategies to generate knowledge and use data to explore social problems and ethical implications. Upon completion, students will have gained a foundational understanding and related competencies in many facets of effective use of data. LSP: IG

DSC 133 Responsible Artificial Intelligence

3.00 credit hours

This course provides an introduction to responsible artificial intelligence (AI) and explains where bias in AI systems comes from, who it impacts, and how to mitigate it. This course will explore fundamental global challenges and concerns, including accountability, equity, fairness, and transparency in AI systems. Upon completion, students will know the fundamentals and principles of responsible artificial intelligence. Prerequisites: None. LSP: IG

ETH 131 Introduction to Ethics

3.00 credit hours

This course explores the basic sources and methodologies of selected systems of ethical reasoning from a global perspective and applies them to contemporary problems in individuals and social ethics. This course is cross listed as PHI 234. There are no prerequisites: for this

course. LSF: IG

HED 336 Death and Dying

3.00 credit hours

This course will examine the cultural perception, trends, economic and emotional factors associated with death and dying. LSF: IG

HED 337 Environmental Health

3.00 credit hours

This course examines the physical, chemical, and biological factors external to a person and all the related factors impacting behaviors. It encompasses the assessment and control of those environmental factors that can potentially affect health as they relate to preventing disease and creating health-supportive social and cultural environments. LSF: IG

HED 435 Epidemiology

3.00 credit hours

This course introduces students to principles and concepts in epidemiology through lectures, discussion groups, assigned readings and exercises. Students are given the opportunity to acquire an understanding of principles and concepts, the vocabulary of epidemiology, methods of epidemiological investigation, and the interpretation and evaluation of reports of epidemiological research. LSF: IG

HED 439 Queer Studies

3.00 credit hours

In this course, students will explore the field of queer studies- its relationship to both the lives of lesbian, gay, bisexual, and transgender (LGBT) people and to understanding of broader culture and society. Particular attention will be given to the relationship between discrimination and oppression, and health and wellness. Health disparities in the LGBT population will also be explored. Issues will be explored using interdisciplinary approaches that incorporate the intersecting questions of race, class, gender, and nationality alongside sexuality and gender identity. We will cultivate analytical tools developed out of feminist and LGBT political movements. LSP: IG

Prerequisite: ENG 131

HIS 131 World Civilizations to 1500

3.00 credit hours

This course is a study of early human history and the world's major civilizations to 1500, including the strengths and weaknesses of those societies, parallel developments, and cultural interaction. LSP: IG

HIS 132 World Civilizations 1500 to present

3.00 credit hours

This course is a continuation of HIS 131. The major trend during this period is the emergence of the modern world through global

interaction. LSP: IG

IDS 296 Sole Food: Digestible Sneaker Culture

3.00 credit hours

This course addresses societal ills, life and identity within that culture, and explores the overall impact and phenomenon of sneakers on a global level. Whether an aficionado of sneaker culture or a contentious observer of the culture, this course examines the true essence of all things sneaker culture. LSP: IG

Prerequisites: ENG 131

MTH 135 Mathematics and Personal Finance

3.00 credit hours

This course explores techniques in successful management of personal finances. Through application of mathematical and critical thinking skills and concepts, it encompasses a broad coverage of basic financial planning and decision making, taxes, managing savings, purchasing a home, the impact of credit, investments and saving for retirement. LSP: IG

Prerequisites: MTH 130 or placement.

MTH 233 Mathematics and Spreadsheets

3.00 credit hours

This course explores how to use a spreadsheet to enter and analyze data, set up mathematical formulas, and use various mathematical, statistical, financial, and logical functions and formatting for calculating, forecasting, presenting, and integrating data. LSP: IG

Prerequisites: MTH 130 or placement; CSC 131 or equivalent

PLS 235 Global Leadership

3.00 credit hours

This course is designed to introduce students to key concepts and figures of leadership and leadership development within an international context. As our world becomes more interconnected, it is increasingly important for students to know the leadership paradigms enacted in other nations as well as understand the profiles of some of the planet's most influential leaders of the present age. This course will take an in-depth look at notions such as emotional health; empowerment theory; organization communication; and the deity complex to examine contemporary figures of global import. This course is reading and writing intensive and may involve international travel. There are no prerequisites or requirements for this course. LSP: IG

REL 131 Survey of the Great Living Religions

3.00 credit hours

A study of the world's living religions, including those of Africa, in light of their historical development, beliefs, practices, and contemporary importance. LSP: IG

REL 337 Islam in America

3.00 credit hours

After a brief review of the emergence and development of Islam as a global religion, this course will explore the history of Islam in the United States, taking note especially of the relationship between global Islam and the Nation of Islam, and the effects of post-September 11th "War on Terror" for the Islamic communities of the United States. LSP: IG

Prerequisites: REL 131**RHC 130 African Diaspora Seminar**

3.00 credit hours

This interdisciplinary seminar surveys the African continent, its diasporas, as well as it explores intersectional connections of people of African descent globally. The purpose of the course is to introduce students to the historical, geopolitical, cultural, social, spiritual, and intellectual contours of Africa and its Diasporas. This culturally responsive curriculum provides students with foundational knowledge of Africana indigenous research methodologies, global Black philosophies, belief systems, social institutions, political movements, distinguished leaders, as well as an examination of the underpinnings of race-based systems that foster exclusionary practices, disparities, and inequities within African descendent communities worldwide. encourages students to expand their understanding of classical and modern African and African diaspora civilizations as well as explore their holistic selves and African heritage by enhancing their knowledge of their ethno-cultural genealogy and how it intersects with their other identities. The capstone project asks students to critically examine how a historical diasporic movement, event, or issue connects to a contemporary movement, event, or issue facing an African descendant group or communities. LSP: IG

RHC 131 Artificial Intelligence and the African Diaspora

3.00 credit hours

This transdisciplinary course will introduce students to the current state of Artificial Intelligence (AI) development and deployment across different sectors as well as explore its potential impact on global Black communities living within and outside of the African continent. This course implements a justice-centered computing education framework that centers and critically examines African diasporic people's cultural practices, histories, languages, philosophies, participation and representation in AI advancement. LSP: IG

SUS 230 Principles of Sustainability

3.00 credit hours

SUS 230 Principles of Sustainability 3 Credit Hours This course introduces students to the challenges of managing natural resources needed for today while conserving for the future. Students will learn to connect environmental protection to organizational management by exploring the scientific, technical, financial and political challenges of effectively managing a sustainable environment and economy. Lecture, hours. LSP: IG

Prerequisites: Any of the following: PHY 241, NSC 140, BIO 143, CHE 131 or Departmental approval**Natural Sciences (4 hours)**

Completion of this requirement enables students to understand how the tools of physical and natural scientists, the scientific method, are used to answer important questions. Students learn to understand basic principles of science and its accompanying technology, to locate and evaluate information about any area of science and technology, and to demonstrate an ability to use scientific methods. Students also will apply their understanding of science and technology to analyze current societal problems and evaluate some of the ethical problems raised by the sciences and by technology.

BIO 143 Intro to Biology I

4.00 credit hours

An introduction to biological sciences. Major concepts covered include the nature of scientific inquiry, cell biology, animal and plant physiology, genetics and energetics, with a focus on the basic characteristics of living things.

Lecture: 3 hours per week. Laboratory: 3 hours per week. LSP: NS

BIO 144 Intro to Biology II

4.00 credit hours

A continuation of BIO 143. Major concepts covered include taxonomy, ecology, biodiversity, and evolution with a focus on the interactions between organisms and their environment. Lecture: 3 hours per week. Laboratory: 3 hours per week. LSP: NS

BIO 240 Human Anatomy and Physiology

4.00 credit hours

A study of the basic human structure, its division into various functional systems, and how they integrate with each other. The laboratory covers the histological and physiological aspects of selected human systems. This course does not count as a Credit in both BIO 249 and BIO 240 are not allowed. Lectures: Three hours a week. Laboratory: Two hours a week. Prerequisite: BIO 143 or equivalent. LSP: NS

CHE 131 General Chemistry I

3.00 credit hours

A discussion of the fundamental principles of chemistry in relation to the physical and chemical properties of metallic and nonmetallic elements and their compounds. Three lectures a week. LSP: NS

Prerequisites: Placement in MTH 137 or higher or passing score on departmental placement exam, or approval of department head. LSP: NS**CHE 111 General Chemistry I Laboratory**

1.00 credit hours

Laboratory course to accompany Chemistry 131. Three hours of lab per week. **Corequisites:** CHE 131 or consent of department. LSP: NS

CHE 132 General Chemistry II

3.00 credit hours

A continuation of Chemistry 131. Three lectures a week. LSP: NS

Prerequisite: CHE 131

Corequisite: CHE 112 or consent of department.

CHE 112 General Chemistry II Laboratory

1.00 credit hours

Laboratory course to accompany Chemistry 132. Three hours of lab per week. LSP: NS

Prerequisites: CHE 111 and 131

Corequisites: CHE 132 or consent of department.

NSC 140 Studies in the Natural Sciences

4.00 credit hours

In this course students learn about selected areas of natural science while being guided in the use of scientific procedure and the practice of scientific thinking to collect and analyze data related to selected phenomena. Professional ethics in science and technology is also discussed. This course meets in a classroom setting three hours per week, with up to an additional three hours per week in a lab setting. LSP: NS

Prerequisites: MTH 130 or placement in a higher math.

PHY 241 General Physics

4.00 credit hours

The first course is a two-semester algebra-based introduction to physics. Includes fundamental principles of physics in relation to classical mechanics, thermodynamics, vibrations and wave motion. Three lecture hours and three hours of laboratory a week. LSP: NS

Prerequisites: A grade of C or higher in Math 138 or consent of the Department.

PHY 242 General Physics

4.00 credit hours

A continuation of PHY 241. This course offers an introduction to the fundamental principles of physics in relation to electricity, magnetism, light, optics, and modern physics. Three lecture hours and three hours of laboratory a week. Prerequisite: a grade of C or higher in PHY 241 or consent of the Department. LSP: NS

PHY 243 Mechanics

4.00 credit hours

The first course is a two-semester calculus-based introduction to physics. This course offers an introduction to vectors, statics, and dynamics of particles; momentum, work, and energy; conservation law; and mechanics of rigid bodies. Three lecture hours and three hours of laboratory a week. LSP: NS

Prerequisites: A grade of C or higher in Math 231 or consent of the Department.

PHY 244 Electrodynamics

4.00 credit hours

A continuation of physics 243. This course introduces the physics of electricity and magnetism, including electric fields, currents, circuits, magnetic fields, Maxwell's equations, and electromagnetic waves. Three lecture hours and three hours of

laboratory a week. LSP: NS

Prerequisites: A grade of C or higher in PHY243 and Math 232 or consent of the Department.

Social and Behavioral Sciences (3 hours)

Completion of this requirement enables students to understand and evaluate social structures that humans have created to organize the social world in which they live. An introduction to the working methods of social and behavioral scientists enables students to recognize, analyze, and evaluate a variety of social scientific evidence as they learn to apply various analytical approaches, including inductive, deductive, and normative processes. The result is an understanding of the depth and scope of the human experience, helping students to explain how and why humans act and think the way they do and to provide meaningful and substantive context for the intellectual study of the varieties of human experiences from the individual to the collective and the private to the public.

COM 252 Interpersonal Communication

3.00 credit hours

The course introduces students to the theory and practice of interpersonal communication, the goal being to help them develop more effective communication skills in their personal and professional lives. Emphasis is placed on relational communication in personal, social, professional and cultural contexts. Topics include areas such as emotions, communicating with family, communicating at work, verbal and nonverbal communication, listening, and relationship development, maintenance and dissolution. LSP: SB

ECO 230 Economics for Non-Bus and Eco Major

3.00 credit hours

This is an economics course which is designed for students who may or may not be majoring in Business Administration and Economics. The objective of this course is to provide the foundation of our economic system in terms of how our economic system determines what to produce, how to produce, and how to distribute the resulting products. This course does not require any prerequisites. LSP: SB

HED 335 Minority Health Problems & Issues

3.00 credit hours

This course is designed to discuss the social characteristics of minority populations, mortality and morbidity indicators, prevention strategies, and the recommendations by the Department of Health and Human Services. LSP: SB

HIS 135 History the United States to 1865

3.00 credit hours

A study of the United States from European colonization to 1865. LSP: SB

HIS 136 History of the US Since 1865

3.00 credit hours

A study of the United States from the conclusion of the Civil War to the present. LSP: SB

POL 100 Introduction to Political Science

3.00 credit hours

This course is an intro-level Political Science course designed to be the first exposure to Political Science for students-majors and non-majors. It is an introduction to the study of political behavior, processes, and institutions. The course includes a discussion and comparison of political ideas, theories, systems, and policies. Focus on political problem analysis on a national and global level and a definition of central concepts. This course will be offered in multiple sections every semester, with no prerequisites. LSP: SB

POL 131 American Government

3.00 credit hours

A study of the development, structure, and operation of the American political system. (Offered Fall and Spring Semesters). LSP:SB

POL 230 Intro to Political Analysis

3.00 credit hours

An introductory study and application of the concepts and methods necessary for an analysis of the political system. (Fall Semester Only)

Prerequisites: POL 131 or permission of instructor. LSP: SB

PSY 131 General Psychology I

3.00 credit hours

A course designed to provide an understanding of behavior through the study of growth and development, motivation, emotion, learning, personality, intelligence, and other related topics. LSP: SB

Prerequisite: A grade of C or better in ENG 131

PLS 135 Principles of Mentoring

3.00 credit hours

This course will explore various environments as socio-cultural artifacts. It will serve as an orientation to mentorship and service and is designed for individuals interested in being involved in youth work. In particular, the course will examine issues and trends within education and other social service professions. Students will contemplate major theories of mentorship and service, as well as historic and contemporary philosophies on mentorship. Further, the course will provide a broad overview of social service professional trajectories, wherein students will learn about the roles of teachers, school leaders, as well as non-profit and social service managers. There are no prerequisites or requirements for this course. LSP: SB

Liberal Studies Curriculum

| Code | Title | Hours |
|------|-------|-------|
|------|-------|-------|

| Foundations (27 Credit Hours Required) | | |
|--|--|---|
| Computers in Society | | |
| CSC 131 | Computers in Society | 3 |
| Health and Physical Education | | |
| Select 3.0 credit hours from the following: | | |
| HED 132 | Personal Health and Wellness | |
| PED 131 | Aerobic Fitness | |
| PED 136 | Physical Fitness and Wellness | |
| PED 138 | Yoga: Union of Body and Mind | |
| Mathematics | | |
| Select 3.0 credit hours from the following: | | |
| MTH 131 | College Algebra | |
| MTH 133 | Survey of Practical Applica of Math | |
| MTH 136 | Introductory Statistics | |
| MTH 137 | Precalculus I | |
| MTH 138 | Precalculus II | |
| MTH 231 | Calculus I | |
| MTH 232 | Calculus II | |
| Non-Native Language (must take both 131 & 132 in chosen language) | | |
| Select 6.0 credit hours from the following: | | |
| ARA, CHI, FRE, GER, ITA, LAT, or SPA | | |
| Smith Seminar | | |
| SMS 100 | Smith Seminar | 3 |
| Rhetoric (must take all three courses; C minimum grade) | | |
| COM 130 | Public Speaking and Communication | |
| ENG 131 | Composition | |
| RHC 133 | Academic Research | |
| Pillar Courses (16 Credit Hours Required) | | |
| Humanities | | |
| Select 3.0 credit hours from the following: | | |
| CST 231 | Introduction to Cultural Theory | |
| CST 234 | Introduction to Popular Cultural | |
| CST 332 | Rapsody's Eve and Hip Hop | |
| ENG 232 | Studies in World Literature | |
| ENG 296 | Topics in English | |
| ENG 323 | Writing for social media: Short Form (one credit each) | |
| ENG 324 | Writing for social media: Standard (one credit each) | |
| ENG 325 | Writing for social media: Long Form (one credit each) | |
| ENG 331 | Advanced Composition | |
| ENG 337 | Creative Writing | |
| ENG 362 | Global Slave Narratives | |
| ENG 364 | Irish Literature | |
| LS 130 | ID: African American & Other Cul Tr | |
| MUS 131 | Introduction to Music Literature | |
| PHI 131 | Introduction to Philosophy | |
| REL 231 | Introduction to the Old Testament | |
| REL 232 | Introduction to the New Testament | |
| VPD 432 | Dance as an Art Form | |
| Integrated Studies, Global Studies, Emergent Fields | | |
| Select 3.0 credit hours from the following: | | |
| ACC 230 | Accounting for Non-Business Majors | |
| ARA 196 | Introductory Topic in Arabic | |
| ARA 296 | Topics in Arabic | |
| BUS 100 | Introduction to Business | |
| CHI 196 | Special Topics in Chinese | |
| CHI 296 | Topics in Chinese | |

| | | |
|---|---|----------|
| CSC 133 | Web Design | |
| CSC 134 | Computer Science Principles | |
| CSC 236 | Intro to Medical Informatics | |
| CST 131 | Introduction to Cultural Studies | |
| CST 232 | Introduction to Critical Race Studies | |
| CST 233 | Introduction to Gender and Sexual Studies | |
| CST 321 | Critical Race Theory | |
| DSC 130 | Introduction to Data Science | |
| DSC 133 | Responsible Artificial Intelligence | |
| ETH 131 | Introduction to Ethics | |
| HED 336 | Death and Dying | |
| HED 435 | Epidemiology | |
| HED 337 | Environmental Health | |
| HED 439 | Queer Studies | |
| HIS 131 | World Civilizations to 1500 | |
| HIS 132 | World Civilizations 1500 to present | |
| IDS 296 | Sole Food: Digestible Sneaker Culture | |
| MTH 135 | Mathematics and Personal Finance | |
| MTH 233 | Mathematics and Spreadsheets | |
| PLS 235 | Global Leadership | |
| REL 131 | Survey of the Great Living Religion | |
| REL 337 | Islam in America | |
| RHC 130 | African Diaspora Seminar | |
| RHC 131 | Artificial Intelligence (AI) and the African Diaspora | |
| SUS 230 | Principles of Sustainability | |
| <u>Natural Sciences</u> | | |
| Select 4.0 credit hours from the following: | | 4 |
| BIO 143 | Intro to Biology I | |
| BIO 144 | Intro to Biology II | |
| BIO 240 | Human Anatomy and Physiology | |
| CHE 111 | General Chemistry I | |
| CHE 112 | General Chemistry II | |
| CHE 131 | General Chemistry I | |
| CHE 132 | General Chemistry II | |
| NSC 140 | Studies in the Natural Sciences | |
| PHY 241 | General Physics | |
| PHY 242 | General Physics | |
| PHY 243 | Mechanics | |
| PHY 244 | Electrodynamics | |
| <u>Social and Behavioral Sciences</u> | | |
| Select 3.0 hours from the following: | | 3 |
| COM 252 | Interpersonal Communication | |
| ECO 230 | Economics for Non-Bus and Eco Major | |
| HED 335 | Minority Health Problems & Issues | |
| HIS 135 | History the United States to 1865 | |
| HIS 136 | History of the US Since 1865 | |
| POL 100 | Introduction to Political Science | |
| POL 131 | American Government | |
| POL 230 | Intro to Political Analysis | |
| PSY 131 | General Psychology | |
| PLS 135 | Principles of Mentoring | |
| <u>Electives from the Pillars</u> | | |
| Select 3.0 credits from the courses listed above | | 3 |

Honors Program

The University's Honors Program is designed to meet the academic needs of academically talented students. The program is designed to infuse additional rigor into the curricula of students with proven academic abilities. Honors students will be tasked with completing courses and research beyond the regular curriculum requirements. Each Department has special requirements for students to sit for Honors within their chosen Major. Students who qualify should get specific information about how to sit for Honors from their advisor.

The mission of the Honors Program is to create a learning community whose graduates can communicate effectively, think critically, learn independently as well as collaboratively, and demonstrate overall excellence. These students develop academic, social, and service skills, seek advanced degrees, and function as scholars, leaders, and role models in their community.

Academic Support

Various types of academic support are provided to students: teacher advisors within each College, programmatic intrusive advisors, and tutorial centers. In addition, faculty members are available for assistance during office hours and by request as their schedules allow.

University and Community Service

JCSU endeavors to produce risk-oriented, entrepreneurial leaders who embrace diversity of ideas, religions, and philosophies to shape outcomes that help advance the public good.

JCSU provides an environment in which students can fulfill their physical, social, cultural, spiritual, and other personal needs, thus enabling them to develop a compelling sense of social and civic responsibility for leadership and service in a dynamic multi-cultural society.

In 2013-2014 Academic Year, community service was eliminated as a graduation requirement for any JCSU student. However, students are encouraged to actively engage with the internal and external community through volunteerism. The University offers two venues by which students can enhance their leadership abilities: university service and community service. Additionally, instructors may include community service as a course requirement, and Departments may include it as a requirement for Honors programming. Students who have a deeper interest in community service and leadership are encouraged to take courses that focus on leadership. Each of these courses contains an application-based laboratory experience that highlights community engagement.

University Service is defined as those activities designed to enhance students' leadership development, as well as provide a means by which they can employ those learnings in the service of

their fellow students and the University. University Service activities may include, but are not limited to, service on the Judicial Board or participation as a University Ambassador (including Miss JCSU and members of the Royal Court), and Orientation Student Leader.

Service Learning

Service Learning is a teaching and learning strategy that integrates meaningful community service with instruction and reflection to enrich the learning experience, teach civic responsibility, and strengthen communities. Service Learning is integrated into and enhances the academic curriculum of students engaged in service, or the educational components of the community service program in which participants are enrolled. Service-learning provides structured time for thoughtful planning of the service project and guided reflection by participants on the service experience. Overall, the most important feature of effective service-learning programs is that both learning and service are emphasized.

Majors

A major consists of a set of prescribed courses in a field of study, administered primarily by one Department, which, when combined with general education and elective courses, leads to a bachelor's degree. The courses in the major may come from more than one Department but may not be less than thirty or should not be more than seventy hours of credit, including all required support courses, excluding general education (Liberal Studies) program courses. A support course is one deemed complementary to or a Prerequisite for one or more courses in the major course set. In some cases, to comply with the University's mission that students "demonstrate competence in their chosen fields" and according to the prevailing national academic standards, programs have been approved by the faculty to require additional credit hours in the major.

Note: Graduation will be governed by the catalog under which students first enrolled in the institution and if they graduate within a period of five years. Otherwise, the current requirements must be met.

The University offers the following Majors:

- Biology and Chemistry Double Major
- Biology Major
- Business Administration Major
- Chemistry Major
- Communication Arts Major
- Computer Engineering (CE) Major
- Computer Science/Information Systems (CS/IS) Major
- Criminology Major
- Cultural Studies Major
- Dance Major
- Information Systems Engineering (ISE) Major

- Interdisciplinary Studies Major
- Mathematics Major
- Mathematics with Pre-Math Finance Concentration Major
- Music Major - Performance Concentration
- Political Science Major
- Psychology Major
- Public Health Major
- Social Work Major
- Sport Management Major

Declaration of Major

It is recommended that students declare a Major no later than the end of the Fall Semester of their sophomore year so Department Chairs will have adequate opportunities to observe and advise students while there is enough time to make necessary program adjustments. This plan enables students to find major areas that are most beneficial and of the greatest interest to them. Application for the Major should be done online. Any student who earned 60 hours or above and has not declared their major will be subject to a Major Declaration hold. Students should familiarize themselves with any requirements or Prerequisites of majors they are interested in so that their ability to freely declare their major is not unnecessarily delayed.

The Senior Investigative Paper

Senior Investigative Paper is required of every student for graduation. Faculty members from a student's major serve as advisors in its preparation. The details of scheduling and exact requirements vary from Department to Department and, as such, the paper may take various forms, including but not limited to papers, portfolios, and projects.

Typically, students begin topic formulation, research design, preliminary research, and literature searches in their junior year. Students receive detailed information on the paper's requirements in their major from their advisors and other faculty members.

Double Majors

Students must have a cumulative GPA of a 2.5 on his or her JCSU transcript to declare a double major. Students who pursue a double major *from two different departments* must complete all requirements for both majors. Students with a double major have two methods for fulfilling the Senior Investigative Paper Requirement:

1. The student completes two Senior Investigative Papers.
2. The student completes a single Senior Investigative Paper that satisfies both departments. Students wishing to pursue this option must secure approval, in writing, from both major advisors and the chairs of both departments. A letter recording the approval of each of the advisors and chairs for the joint project, which will include the broad outlines of the project and how it will satisfy the requirements of both majors, shall be placed on file in the

Office of the Registrar. The major advisor(s) is responsible for producing the letter, obtaining the needed signatures, and submitting the document to the Office of the Registrar. It is recommended, but not required, that readers be chosen in each department and that the students and departments in question keep a copy of the signed approval letter on file.

3. In cases where the procedure for submitting a single paper will be determined at the departmental level. A statement from the department chair, approving a single Senior Investigative Paper, will be submitted to the Office of the Registrar.

Minors

Students may elect to minor in an area but are not required to do so. A minor is a field of study outside the major that requires a minimum of fifteen semester credits and a maximum of twenty-one.

Application for Minor

It is recommended that students who wish to declare a minor do so no later than the end of the Fall Semester of their junior year. This enables a Department Chair to assist students in selecting the most appropriate courses from the minor area to supplement the major concentration and the student's goals. Declarations of minors should be submitted online after consulting with the academic advisor and department chair.

Changing of a Minor

A student may change a minor online. The academic advisor and department chair should be consulting in changes of a minor.

Concentrations

Concentration is a defined set of courses within a major that prepares students for a specific goal.

Degrees and Graduation Requirements

Degrees

The University administers coursework leading to the Bachelor of Arts, Bachelor of Science, or Bachelor of Social Work and Master of Social Work.

Degrees with Latin Honors

To graduate *Cum Laude*, a student must have spent at least forty-eight career hours in residence at the University and have earned a Grade Point Average between 3.0 and 3.49. To graduate *Magna Cum Laude*, a student must have spent at least three years in residence at

the University, earned a Grade Point Average of 3.5 to 3.69, and have received no final grade below a C. To graduate *Summa Cum Laude*, a student must have spent at least three years in residence at the University, earned a Grade Point Average of 3.70 to 4.00, and have received no final grade below a C.

Posthumous Degree

The University may grant undergraduate and graduate degrees posthumously. If a college determines that a deceased student has completed sufficient coursework to be awarded a degree, the college dean (or designee) has the authority to grant the degree posthumously. A student may be considered a candidate for a posthumous degree when the following requirements are met. Posthumous degrees may be awarded at the undergraduate and graduate level.

Requirements for Nomination

1. A student must have been in good standing with the institution at the time of death. Good standing is defined as not having any of the following statuses: academic probation, academic dismissal, disciplinary suspension or expulsion.
2. The student must have been enrolled at the time of death (summer sessions excluded), or their continuous enrollment was interrupted by their injury, illness, deployment, or other extenuating circumstances.
3. An undergraduate student must have earned 90 undergraduate credits
4. A graduate student must be within 75% of degree completion.
5. The college in which the student was enrolled recommends the awarding of a posthumous degree with support from the department chair and the dean.

Nomination/Approval Process

1. Any university student, faculty, or staff member can suggest a candidate be considered for a posthumous degree. This request must be made to the Office of the Provost by February 1 for consideration.
2. The student's degree audit file will be used to verify the program and progress toward degree completion. The Office of the Registrar will notify the Office of the Provost of the student's eligibility for the posthumous degree.
3. The department chair or dean of the college in which the student was enrolled makes the formal recommendation of the candidate for a posthumous degree in the form of a written request to the Office of The Provost. The request must include the student's name, the degree/program to be awarded, and the recommended semester for degree conferral.
4. If approved by the Office of the Provost:
 - a. The Office of the Provost will notify appropriate university personnel (e.g., registrar, president's office, and other administrative personnel).
 - b. The Registrar (or designee) will inform the immediate family of the university's decision and desire to recognize the student (This process will be kept confidential until and

unless approved at all levels). If the family desires to represent the student and receive the diploma at a commencement ceremony. This information is required for planning purposes. If the family does not wish to attend the commencement ceremony, the diploma will be mailed to the requested address.

5. A posthumous degree will be printed in the commencement program. If the family chooses not to participate, this award may still be read during the ceremony (unless the family specifically requests the information is omitted).
6. Post the degree as posthumous to the student's record.

Graduation

Application for Degree

Seniors and MSW candidates are required to file an application for a degree, indicating the expected date of graduation. The deadline for completed applications is published in the University Calendar.

General Requirements

Candidates for the bachelor's degree must complete at least 122 credit hours; earn a minimum overall Grade Point Average of 2.00; earn a minimum grade of **C** in any course that counts toward the major; satisfy all requirements of the curriculum in the Liberal Studies; the Senior Investigative Paper. Candidates for a Master in Social Work should refer to the MSW requirement section of this catalog.

Catalog Requirement

Graduation will be governed by the catalog under which students first enrolled in the institution and if they graduate within five years. Otherwise, the current requirements must be met. This regulation will be subject to additional conditions established by the Educational Policies Committee and approved by the faculty and University administration.

Residence Requirements

The minimum residence requirement for the bachelor's degree is that the last thirty-two hours of the total hours required to graduate from any academic programs at Johnson C. Smith University.

Student Responsibility

Each student is responsible for being familiar with the University *Catalog*; maintaining a satisfactory Grade Point Average; properly completing the academic program; and satisfying all other requirements for graduation. Advisors will counsel students, but the final responsibility for meeting graduation requirements remains that of the student.

Students are obligated to comply with the reasonable rules and regulations of the University and all requirements for graduation. Students will graduate only when all requirements have been

completed as specified by the applicable catalog. The University reserves the right not to graduate any student who has not complied with all graduation requirements.

Summer School

Admission

JCSU offers one traditional six-week Summer Session each year that is open to individuals who are eligible in at least one of the following categories:

1. Persons desiring to take college courses for self-improvement
2. Students completing requirements for degrees at other colleges (Statement of approval from a designated official must be presented if credit is to be transferred)
3. Students completing requirements for degrees at JCSU
4. High school graduates intending to pursue a degree at JCSU or another institution (They must apply for admission to the regular University program through the Office of Admissions at JCSU or the institution to which the credit will be transferred)
5. In-service teachers who desire to upgrade, renew, or convert their certificates
6. Veterans eligible under Public Law No. 91-219 of the Congress of the United States to take training in an approved institution (JCSU is certified by the Veterans' Administration to provide training).

Applications for non-JCSU students should be submitted to the Office of Admissions. JCSU students should be advised, registered, and have financial clearance through the regular JCSU process.

Students interested in summer school in the Evening and Online Program, should contact the Department Chair of the interested program.

Fees

Tuition for students is based on the number of credits enrolled.

The fee for room and board will cover room cost and three meals per day. No deposit is required with the Summer School housing application. Students desiring room and board facilities should file an application with the Office of Residence Life.

All fees are due and payable on the day of registration. Fees are not refundable after the first week. No exception to this regulation will be made for illness or any other reason. No refund will be made to students dismissed for academic or disciplinary reasons.

Financial Aid

Financial Aid is available for students during Summer School on a case-by-case basis. Students must be making Satisfactory Academic Progress to receive aid. For information, contact the University's Office

of Financial Aid.

Course Offerings

School courses are offered in most Departments, depending upon demand. The Summer School faculty is usually composed of members from the JCSU faculty. Faculty members from other institutions are sometimes invited to join the Summer School faculty because of their special expertise.

Academic Colleges

- College of Business and Professional Studies (p. 88)
- College of Liberal Arts (p. 43)
- College of Science, Technology, Engineering, and Mathematics (STEM) (p. 60)

College of Liberal Arts

The College of Liberal Arts serves the University in five basic areas: basic communication skills, general liberal education foundation for all students, and professional preparation in selected major fields within the college, pre-professional education, and cultural enrichment. The College also strives to produce graduates who are able to communicate effectively, think critically, learn independently, and demonstrate competence in their chosen fields.

The College of Liberal Arts consists of the following Departments: Arts and Humanities; Social Sciences and Interdisciplinary Studies; and Rhetoric and Communication Studies. Through the general and specialized courses in its program, the college endeavors to acquaint students with the substance, methodology, and breadth of the humanities, arts, and social sciences; prepare students for careers in those fields; prepare students at the pre-professional level for further study in graduate schools; and stimulate and develop intellectual curiosity and imaginative creativity in each student.

The College of Liberal Arts Departments provide students with the skills needed to accomplish the tasks of their professions and to enable them to lead fuller, more rewarding lives. Through studying in the college, students gain an appreciation of the arts, humanities, and social sciences. It also prepares students for their future roles in a global society by providing opportunities for them to realize their individual potential.

Degrees with Honors

Students can earn Bachelor of Arts Degrees awarded by the College of Liberal Arts with Honors if eligibility requirements are met. These requirements are outlined at the head of each Department's program.

Majors

- Communication Arts Major
- Criminology Major
- Cultural Studies Major
- Dance Major
- Interdisciplinary Studies Major
- Music Major - Performance Concentration
- Political Science Major

Minors

- Africana Studies Minor
- Animation Minor
- Arabic Minor
- Chinese Minor
- Communication Arts Minor
- Criminology Minor
- Cultural Studies Minor
- Cyber-Intelligence and Technology Minor
- Dance Minor
- English Minor
- Ethics Minor
- Fine Arts Minor - Emphasis in Graphic Design
- French and Francophone Studies Minor
- French Minor
- Global Studies Minor
- History Minor
- Music Minor
- Philosophy Minor
- Photography Minor
- Political Science Minor
- Pre-Law Minor
- Religion Minor
- Sociology Minor
- Sound Art Minor
- Spanish Minor
- Theatre Minor
- Women, Gender, and Sexuality Studies Minor

Arts and Humanities

The Department of Arts and Humanities offers courses in Fine Arts (Music and Dance), Literature, Languages (Arabic, French, Italian, Latin, Spanish and other language courses), and Religion, many of which meet course requirements in the Liberal Studies Program or as general electives.

Faculty

Mario Bahena Uriostegui (2010)
Department of Arts and Humanities
Associate Professor of Spanish

Tomisha Brock (2023)
Department of Arts and Humanities
Assistant Professor of Music
Director of Bands

Angelica Brooks (2025)
Department of Arts and Humanities
Assistant Professor of Music

Director of Choral Activities

Matthew M. DeForrest (2004)
Department of Arts and Humanities
Professor of English

Amos H. Etukudoh (1993)
Department of Arts and Humanities
Coordinator of French
Assistant Professor of Foreign Languages

Valerie Kinloch (2023)
Department of Arts and Humanities
Professor of English
President and CEO

Jasleen Kohli (2012)
Department of Arts and Humanities
Assistant Professor of Spanish

Ashley Martin (2023)
Department of Arts and Humanities
Assistant Professor of Dance

Kendal Mobley (2014)
Department of Arts and Humanities
Professor of Religion

Aman Nadhiri (2009)
Department of Arts and Humanities
Associate Professor of Arabic and English
Department Chair

Jaclyn O'Toole (2014)
Department of Arts and Humanities
Assistant Professor of Dance

Shawn-Allyce White (2010)
Department of Arts and Humanities
Professor of Music

Majors

- Dance Major
- Music Major - Performance Concentration

Minors

- Africana Studies Minor
- Arabic Minor
- Chinese Minor
- Dance Minor
- English Minor
- French and Francophone Studies Minor
- French Minor
- Music Minor
- Philosophy Minor
- Religion Minor
- Spanish Minor

Africana Studies Minor

The minor in Africana Studies provides students with a broad and in-depth knowledge of the Black Experience, which includes the experiences of all peoples of African descent, including historical, economic, geopolitical, and socio-cultural perspectives. The minor has an interdisciplinary focus, and it is open to students in all majors who may wish to pursue academic and/or career goals in Africana Studies or related fields.

Requirements

An Africana Studies minor is required to take 18 to 21 credit hours of courses, depending on *Prerequisites* for the electives chosen, with an overall grade point average of 2.5 to complete their minor. These courses consist of a Required Core of 9 credit hours and 9 credit hours consisting of one course each from each of the three Groups listed below (e.g., a student must take AAS 495 Special Topics in Africana Studies, HIS 238 Modern Latin America, HIS 239 Plantation Societies in America, HIS 337 West Africa, HIS 339 Topics African American History II, HIS 432 Southern Africa, HIS 435 Northern Africa, or PSY 331 Black Psychology to satisfy the Group I requirement). Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. African American and African Studies minors must also complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|--|---|-------|
| Required Core | | |
| AAS 231 | Intro to Africana Studies | 3 |
| HIS 237 | Introduction to Africa | 3 |
| HIS 238 | Topics African American History I | 3 |
| Additional Electives | | |
| Group 1: History and Culture | | |
| Select 3.00 credit hours: | | 3 |
| AAS 495 | Special Topics in Africana Studies | |
| HIS 238 | Modern Latin America | |
| HIS 239 | Plantation Societies in America | |
| HIS 337 | West Africa | |
| HIS 339 | Topics African American History II | |
| HIS 432 | Southern Africa | |
| HIS 435 | Northern Africa | |
| PSY 331 | Black Psychology | |
| Group II: Language, Literature and the Arts | | |
| Select 3.00 credit hours: | | 3 |
| AAS 495 | Special Topics in Africana Studies | |
| COM 433 | The African American Press | |
| ENG 494 | Afro-American Literature: 1920 to Present | |
| ENG 495 | African American Literature | |
| MUS 130 | Intro to African American Literature | |
| VPS 134 | African American Art | |
| VPT 330 | African-American Film History | |
| Group III: Politics, Economics, Health | | |
| Select 3.00 credit hours: | | 3 |
| AAS 495 | Special Topics in Africana Studies | |
| ECO 432 | Economic Development | |

Arabic Minor

A minor in Arabic consists of a minimum of 21 credit hours; 12 credit hours of Language-Centered courses, and 9 credit hours of Culture-Centered courses.

Minors in Arabic must earn a grade of **C** or better in all courses counting toward the minor.

| Code | Title | Hours |
|-------------------------------------|--------------------------------|-----------|
| Required Core | | |
| ARA 232 | Intermediate Arabic II | 3 |
| ARA 331 | Advanced Arabic I | 3 |
| ARA 332 | Advance Arabic II | 3 |
| ARA 450 | Conversational Arabic | 3 |
| Culture-Centered Courses | | |
| Select nine hours of the following: | | 9 |
| ARA 296 | Topics in Arabic | |
| ARA 395/495 | Field Study in Arabic Country | |
| ARA 451 | Business Arabic | |
| ARA 489 | Topics in Digital Storytelling | |
| ARA 496 | Special Topics in Arabic | |
| Total Hours | | 21 |

Chinese Minor

The minor in Chinese is designed to recognize competency in Chinese Language and Culture. A Minor in Chinese consists of 18 Credit Hours in Chinese beyond CHI 231 Intermediate Chinese I. Minors in Chinese must earn a grade of **C** or better in all minor courses.

Dance Major

The Dance Major Program provides studio-based and theory-based instruction in both Western European and African derived dance forms, in preparation for careers or graduate study in dance.

Admission to the Dance Major is by audition only.

Students must comply with all University requirements for graduation, including the General Education requirements and Senior Paper. The student must earn at least a grade of C in the required courses for the major and their *Prerequisites*.

A Dance major is required to take 53 credit hours of courses. These courses consist of a Required Core of 49 credit hours and four additional credit hours taken from a selection of courses listed below. A minimum of 122 is required for graduation.

Dance majors must earn at least a grade of **C** in each course.

| Code | Title | Hours |
|-----------------|---|-------|
| VPD 125 | Dance Conditioning | 2 |
| VPA 230 | Seminar Practicum in the Vis & Perf Art | 3 |
| VPA 231 | Seminar Practicum in VPA II | 3 |
| VPD 223 | Ballet I | 3 |
| VPD 224 | African Dance | 2 |
| VPT 232 | Introduction to Theatre | 3 |
| VPD 233 | Ballet II | 3 |
| VPD 332/PED 332 | Kinesiology | 3 |
| VPD 333 | Modern I | 3 |
| VPD 334 | Jazz I | 3 |
| VPD 335 | Modern II | 3 |
| VPD 432 | Dance as an Art Form | 3 |
| VPD 433 | Dance Composition | 3 |
| VPD 434 or | Ballet III | 3 |
| VPD 435 | Modern III | 3 |
| VPD 235 | Dance Production | 3 |
| VPD 340 | Junior Seminar | 3 |

| | | |
|--------------------|----------------|-----------|
| VPD 430 | Senior Seminar | 3 |
| Total Hours | | 49 |

Dance Minor

A Dance minor is required to take 24 credit hours of courses, including a 4-credit hour Biology Requirement, as listed below. The Biology Requirement may be used to satisfy the student's General Education requirements.

Dance minors must complete this coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|--------------------|-------------------|-----------|
| VPD 223 | Ballet I | 3 |
| VPD 224 | African Dance | 2 |
| VPD 333 | Modern I | 3 |
| VPD 334 | Jazz I | 3 |
| VPD 432 | Dance As Art Form | 3 |
| VPD 433 | Dance Composition | 3 |
| VPD 421 | Dance Pedagogy | 3 |
| Total Hours | | 20 |

English Minor

A minor in English consists of 18 credit hours in English above the sophomore literature requirement. Minors in English must earn a grade of **C** or better in all courses counting toward the minor.

French and Francophone Studies Minor

To obtain a Minor in French, a student must complete 18 credit hours in courses that cover topics in French Africa, African Diaspora, Caribbean and Asian issues in French or English.

French Minor

To obtain a minor in French, a student must complete 18 credit hours beyond FRE 231 Intermediate French I. Minors in French must earn a grade of **C** or better in all courses counting toward the minor.

Music Major - Performance Concentration

A Music major with a Concentration in Performance is required to take between 51 and 56 credit hours of courses. All Music Performance majors must take a Required Core of 43 credit hours. Students with an Emphasis in Voice must take an additional 20 credit hours of Voice Emphasis Requirements, for a total of 63 credit hours. Students with an Emphasis in Piano must take an additional 18 credit hours in Piano Emphasis Requirements, for a total of 61 credit hours. Students with an Emphasis in Instrumental must take an additional 14 credit hours in Instrumental

Requirements, for a total of 57 credit hours. Other courses may be deemed appropriate with the approval of the student advisor and Department Chair.

Music majors with a Concentration in Performance must also complete the following coursework and earn at least a grade of C in each course.

Music Core Requirements

| Code | Title | Hours |
|--------------------------|--------------------------------|--------------|
| MUS 113 | Piano (Individual) | 1 |
| MUS 114 | Piano (Individual) | 1 |
| MUS 143 | Music Theory I | 3 |
| MUS 144 | Music Theory II | 3 |
| MUS 213 | Piano (Individual) | 1 |
| MUS 243 | Music Theory III | 3 |
| MUS 244 | Music Theory IV | 3 |
| MUS 255 | Sight Singing/Ear Training I | 2 |
| MUS 256 | Sight Singing Ear Training II | 2 |
| MUS 355 | Sight Singing/Ear Training III | 2 |
| MUS 356 | Sight Singing/Ear Training IV | 2 |
| MUS 337 | Music History and Literature | 3 |
| MUS 338 | Music History and Literature | 3 |
| MUS 428 | Senior Seminar I | 3 |
| MUS 429 | Senior Seminar II | 3 |
| Ensembles ^{1,2} | | 8 |
| Emphasis | | |
| Select one emphasis: | | 14-19 |
| Voice Emphasis | | |
| Piano Emphasis | | |
| Instrumental Emphasis | | |
| Total Hours | | 57-62 |

¹ Includes MUS 111 University Choir and MUS 112 University Choir, MUS 119 University Swing Choir, MUS 210 University Marching Band, MUS 211 University Symphonic Band, MUS 212 Jazz Ensemble, and MUS 312 Electro Acoustic Music Ensemble

² Prerequisite: Audition/Permission of Instructor

Voice Emphasis

| Code | Title | Hours |
|--------------------|--------------------------------|-----------|
| MUS 115 | Voice (Individual) | 1 |
| MUS 116 | Voice | 1 |
| MUS 215 | Voice | 1 |
| MUS 216 | Voice | 1 |
| MUS 220 | Opera/Musical Theatre Workshop | 1 |
| MUS 250 | Vocal Diction Italian | 2 |
| MUS 251 | Vocal Diction | 2 |
| MUS 252 | Vocal Diction-German | 2 |
| MUS 315 | Voice (Individual) | 1 |
| MUS 316 | Voice (Individual) | 1 |
| MUS 321 | Vocal Pedagogy | 3 |
| MUS 326 | Song Literature | 2 |
| MUS 415 | Voice (Individual) | 1 |
| MUS 416 | Voice (Individual) | 1 |
| Total Hours | | 20 |

Piano Emphasis

| Code | Title Requirements | Hours |
|---------|-----------------------|-------|
| MUS 213 | Piano (Individual) | 1 |
| MUS 214 | Piano (Individual) | 1 |
| MUS 250 | Vocal Diction Italian | 2 |
| MUS 251 | Vocal Diction | 2 |
| MUS 252 | Vocal Diction-German | 2 |
| MUS 313 | Piano (Individual) | 1 |

| | | |
|--------------------|--------------------|-----------|
| MUS 314 | Piano (Individual) | 1 |
| MUS 324 | Piano Pedagogy | 2 |
| MUS 327 | Piano Literature | 2 |
| MUS 365 | Piano Accompanying | 2 |
| MUS 413 | Piano (Individual) | 1 |
| MUS 414 | Piano (Individual) | 1 |
| Total Hours | | 18 |

Note: Students majoring in Performance with an Emphasis in Piano may choose a minor in foreign languages to replace the MUS 250 Vocal Diction Italian, MUS 251 Vocal Diction, and MUS 252 Vocal Diction- German requirements.

Instrumental Emphasis

| Code | Title Requirement | Hours | |
|---|--|-----------|---|
| Freshman-Level Principal Instrument Courses | | | |
| Freshman-Level Principal Instrument Courses | | | 2 |
| Sophomore-Level Principal Instrument Courses | | | |
| Sophomore-Level Principal Instrument Courses | | | 2 |
| Junior-Level Principal Instrument Courses | | | |
| Junior-Level Principal Instrument Courses | | | 2 |
| MUS 328 | Instrumental Literature (May be repeated once.) | 2 | |
| MUS 329 | Instrumental Pedagogy (May be repeated once.) | 2 | |
| MUS 330 | Symphonic/Chamber Music Literature (May be repeated once.) | 2 | |
| Senior-Level Principal Instrument Courses | | | |
| Senior-Level Principal Instrument Courses | | | 2 |
| Total Hours | | 14 | |

Music Minor

A Music minor is required to take 22 credit hours of courses. These courses consist of a Required Core of 16 credit hours and six credit hours of Music Electives, including one Applied Music course (e.g., MUS 113 Piano (Individual)). Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Music minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours | |
|------------------------------------|-------------------------------|-----------|---|
| MUS 143 | Music Theory I | 3 | |
| MUS 144 | Music Theory II | 3 | |
| MUS 255 | Sight Singing/Ear Training I | 2 | |
| MUS 256 | Sight Singing Ear Training II | 2 | |
| MUS 337 | Music History and Literature | 3 | |
| MUS 338 | Music History and Literature | 3 | |
| Music Electives | | | |
| Select six hours of the following: | | | 6 |
| Applied Music: Instrument or Voice | | | |
| Music Electives | | | |
| Total Hours | | 22 | |

Philosophy Minor

A minor in Philosophy consists of a minimum of 18 Credit Hours, including a 3 Credit Hour Prerequisite and 15 Credit Hours.

Minors in Philosophy must earn a grade of C or better in all courses counting toward the minor.

| Code | Title | Hours |
|----------------------|----------------------------|-------|
| Prerequisite | | |
| PHI 131 | Introduction to Philosophy | 3 |
| Required Core | | |
| PHI 233 | Practical Logic | 3 |

| | | |
|--------------------|-----------------------------|-----------|
| PHI 234 | Ethics | 3 |
| PHI 337 | Major Figures in Philosophy | 3 |
| PHI 432 | Seminar in Philosophy | 3 |
| PLS 236 | Critical Thinking | 3 |
| Total Hours | | 18 |

Religion Minor

A minor in Religion consists of between 21 Credit Hours, including 3 credit hours of prerequisites and 18 credit hours distributed as follows: 9 Credit Hours of Core Requirements; 3 credit hours in Non-Christian Religion courses; and 6 credit hours of Religion electives approved by the advisor.

Minors in Religion must earn a grade of **C** or better in all courses counting toward the minor.

| Code | Title | Hours |
|---------------------------------------|--|-----------|
| Prerequisite | | |
| REL 132 | Survey of the History of Christianity | 3 |
| Required Core | | |
| REL 231 or | Introduction to the Old Testament | 3 |
| REL 232 | Introduction to the New Testament | |
| REL 236 | The History of Christianity in America | 3 |
| REL 331 or | History & Theology of Black Church | 3 |
| REL 332 | Intro to Liberation Theology | |
| Non-Christian Religion Courses | | |
| | Select 3 hours of Non-Christian religion courses | 3 |
| REL Electives | | |
| | Select 6 hours of elective religion courses | 6 |
| Total Hours | | 21 |

Spanish Minor

A student must complete 18 credit hours beyond SPA 231, Intermediate Spanish I.

Rhetoric and Communications Studies

The course offerings in Rhetoric and Communication Studies include areas that focus on the study of verbal and professional communication, including introductory courses in verbal and written rhetoric and pre- professional and professional communications, including broadcast journalism, public relations, and video and audio editing.

Faculty

Shakoya Brown (2023)
Department of Rhetoric and Communication Studies
Instructor of Rhetoric & Communication

Leslie Clement (2005)
Department of Rhetoric and Communication Studies
Honors Program Director
Assistant Professor of Spanish

Rhunette Diggs (2022)
Department of Rhetoric and Communication Studies
Visiting Assistant Professor

Markus Gray (2022)
Department of Rhetoric and Communication Studies
Instructor of Communication Arts

Cindy J. Kistenberg (2006)
Department of Rhetoric and Communication Studies
Professor of Communication

Laurie Porter (2010)
Department of Rhetoric and Communication Studies Associate
Professor of Communication

Marsha W. Rhee (2008)
Department of Rhetoric and Communication Studies
Associate Professor of English
Department Chair

Sitara Sadler (2009)
Department of Rhetoric and Communication Studies
Associate Professor of Video & Film Production

Majors

- Communication Arts Major

Minors

- Animation Minor
- Communication Arts Minor
- Fine Arts Minor - Emphasis in Graphic Design
- Photography Minor
- Sound Art Minor
- Theatre Minor

Animation Minor

An Animation minor is required to take 21 credit hours, including 18 credit hours of courses, as listed below, plus three hours of *Prerequisites*.

Animation minors must complete this coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|------------------------------|----------------------|-----------|
| Required Prerequisite | | |
| VPG 235 | Graphic Design I | 3 |
| Minor Requirements | | |
| VPG 350 | Virtual Environments | 3 |
| VPG 352 | Motion Capture | 3 |
| VPG 354 | Machinima | 3 |
| VPG 356 | 3D Character Rigging | 3 |
| VPG 433 | Animation I | 3 |
| VPG 436 | Animation II | 3 |
| Total Hours | | 21 |

Communication Arts Major

A Communication Arts major is required to take 48 credit hours of courses. These courses consist of a Required Core of 24 credit hours, 12 credit hours of Communication Requirements chosen from pairs of courses (e.g., majors must take either COM 431 Media Literacy or COM 432 Intercultural Communication), and 12 credit hours of Communication Electives. Other courses may be deemed appropriate with the approval of the student's

advisor and Department Chair. Communication Arts majors must also complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|--------------------------------------|-----------|
| Required Core (24) | | |
| COM 230 | Introduction to Mass Communication | 3 |
| COM 231 | Media Writing | 3 |
| COM 232 | Communication Theory | 3 |
| COM 238 | Audio Production & Programming I | 3 |
| COM 239 | Video Production & Programming I | 3 |
| COM 360 | Junior Seminar | 3 |
| COM 438 | Speaking in the Professions | 3 |
| COM 460 | Senior Seminar | 3 |
| Communication Requirements (12) | | |
| COM 431 or | Media Literacy | 3 |
| COM 432 | Intercultural Communication | |
| COM 233 or | Photojournalism I | 3 |
| COM 235 | Design I | |
| COM 330 or | Reporting | 3 |
| COM 331 | Feature Writing | |
| <i>Select one of the following courses:</i> | | |
| COM 335 | Public Relations I | |
| COM 336 | Public Relations II | |
| COM 430 | Communication Mgmt., Mktg & Research | |
| Communication Electives (12)¹ | | 12 |
| Total Hours | | 48 |

¹Students, with assistance from their Communication Arts advisor, should select other Communication Arts courses to complete the remaining 12 hours of major requirements. Prerequisites will vary by course.

Communication Arts Minor

A minor in Communication Arts consists of 21 Credit Hours in Communication Arts with courses monitored by a Communication Arts advisor. Minors in Communication Arts must earn a grade of **C** or above for all courses counting toward the minor.

Fine Arts Minor - Emphasis in Graphic Design

A Fine Arts minor is required to take 18 Credit Hours of courses.

Fine Arts minors must complete this coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|------------------------------|-------------------|-----------|
| Required Prerequisite | | |
| VPA 230 | Basic Design | 3 |
| VPG 235 | Graphic Design I | 3 |
| VPS 233 | Art Appreciation | 3 |
| VPS 332 | Drawing | 3 |
| VPS 333 | Painting I | 3 |
| VPG 336 | Graphic Design II | 3 |
| Total Hours | | 18 |

Photography Minor

A Photography minor is required to take 21 Credit Hours of courses, including the 18 Credit Hours as listed below plus three hours of *Prerequisites*.

Photography minors must complete this coursework and earn at least a

grade of **C** in each course.

| Code | Title | Hours |
|------------------------------|---|-----------|
| Required Prerequisite | | |
| VPA 230 | Seminar Practice in the Visual & Perf Art | 3 |
| Minor Requirements | | |
| VPG 233 | Photojournalism I | 3 |
| VPG 340 | Photography II | 3 |
| VPG 341 | Digital Photographic Tech I | 3 |
| VPG 342 | Alternative Photographic Film Processes | 3 |
| VPG 434 | Graphic Design III | 3 |
| VPG 433 | Animation I | 3 |
| Total Hours | | 21 |

Sound Art Minor

The Sound Art minor combines the practices of audio and music technologies, electronic music composition, and collaborative arts. The minor requires 18 credit hours, as listed below.

Sound Art minors must complete this coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|------------------------------|--|-----------|
| Required Prerequisite | | |
| VPM 113 | Contemporary Keyboard Skills I | 1 |
| VPM 114 | Contemporary Keyboard II | 1 |
| VPM 132 | Foundations of Contemp. Musicianship | 3 |
| VPM 143 | Musicianship I | 3 |
| VPM 219 | Composition with Technology | 1 |
| VPM 232 | Introduction to Sound Music Technologies | 3 |
| MUS 312 | Electro Acoustic Music Ensemble | 1 |
| VPM 331 | Intro to Music Business | 3 |
| VPM 332 | Intermediate Sound and Music Techno | 3 |
| Total Hours | | 19 |

Theatre Minor

A Theatre minor is required to take a total of 24 Credit Hours, consisting of 18 Credit Hours of courses, as listed below, plus 6 hours of *Prerequisites*.

Theatre minors must complete this coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|------------------------------|---|-----------|
| Required Prerequisite | | |
| VPA 230 | Seminar Practicum in the Vis & Perf Art | 3 |
| VPA 231 | Seminar Practicum in VPA II | 3 |
| Minor Requirements | | |
| VPT 232 | Introduction to Theatre | 3 |
| VPT 233 | Acting | 3 |
| VPT 333 | Drama Workshop | 3 |
| VPT 235 | Technical Theatre I | 3 |
| VPT 236 | Technical Theatre II | 3 |
| VPT Electives | | |
| Total Hours | | 24 |

Social Science and Interdisciplinary Studies

The Department of Social Science and Interdisciplinary Studies includes programs and coursework in Criminology, Cultural Studies, Interdisciplinary Studies, Political Science, Pre-Law, and Sociology.

Faculty

Anita Bledsoe-Gardner (2009)
Department of Social Science and Interdisciplinary Studies
Professor of Criminology

Nicola D. Bivens (2008)
Department of Social Science and Interdisciplinary Studies
Professor of Criminology

Tyler Bunzey (2021)
Department of Social Science and Interdisciplinary Studies
Assistant Professor of Cultural Studies

Jasmine Corbett (2018)
Department of Social Science and Interdisciplinary Studies
Assistant Professor of Political Science

Erin DiCesare (2013)
Department of Social Science and Interdisciplinary Studies
Professor of Interdisciplinary Studies

Rosalyn Harrington (2024)
Department of Social Science and Interdisciplinary Studies
Assistant Professor of Criminology

Tamil Harris (2025)
Department of Social Science and Interdisciplinary Studies
Assistant Professor of Political Science

Terza Lima-Neves (2010)
Department of Social and Behavioral Sciences
Associate Professor of Political Science
Program Coordinator

Shawn Miklaucic (2012)
Department of Social Science and Interdisciplinary Studies
Assistant Professor of Interdisciplinary Studies
Co-Director, Liberal Studies
Director, Quality Enhancement Plan (QEP)

Deborah Quick (1993)
Department of Social Science and Interdisciplinary Studies
Associate Professor of Sociology
Department Chair

Laytifia Williams (2024)
Department of Social Science and Interdisciplinary Studies
Instructor of Criminology

Majors

- Criminology Major
- Cultural Studies Major
- Interdisciplinary Studies Major
- Political Science Major

Minors

- Criminology Minor
- Cultural Studies Minor

- Cyber-Intelligence and Technology Minor
- Ethics Minor
- Global Studies Minor
- History Minor
- Political Science Minor
- Pre-Law Minor
- Sociology Minor
- Women, Gender, and Sexuality Studies Minor

Criminology Major

A Criminology major is required to take 63 credit hours of courses to complete their major, a portion of which may be satisfied by completing General Education requirements. These courses consist of a Required Core of 51 credit hours, POL 131, 6 additional Social Science hours, and a Statistics course: MTH 136, SOC 233, or PSY 233. Note that PSY 233 requires an additional 3-credit hour prerequisite. Other courses may be deemed Criminology electives with the approval of the Criminology Coordinator and Department Chair. A minimum of 122 is required for graduation.

Criminology majors also complete the following course work and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|------------------------------------|---|-----------|
| Required Core | | |
| CRM 131 | Introduction to Criminal Justice | 3 |
| CRM 233 | Ethics in Criminal Justice | 3 |
| CRM 237 | Juvenile Delinquency | 3 |
| CRM 332 | Law Enforcement and the Community | 3 |
| CRM 335 | Institutional Correction | 3 |
| CRM 336 | Community Based Cor. & Re-entry Prg | 3 |
| CRM 339 | Criminology | 3 |
| CRM 432 | Social Research I | 3 |
| CRM 433 | Social Research II | 3 |
| CRM 436 | Internship in Criminology | 3 |
| CRM 437 | American Criminal Courts | 3 |
| CRM 490 | Senior Paper in Criminology | 3 |
| Criminology Electives | | 12 |
| SOC 131 | Principles of Sociology | 3 |
| Statistics Requirement | | |
| SOC/PSY 233 or MTH 136 | Statistics Social & Behavioral Sciences Introductory Statistics | 3 |
| Social Sciences Requirement | | |
| POL 131 | American Government | 3 |
| Social Science Electives | | 6 |
| Total Hours | | 63 |

¹ Social Science electives from Anthropology, Economics, History, Political Science, Psychology, or Social Work

Criminology Minor

A Minor in Criminology consists of 18 Credit Hours in Criminology, including CRM 131 Introduction to Criminal Justice. Minors in Criminology must earn a grade or above in all courses counting toward the minor.

Cultural Studies Major

A major in Cultural Studies consists of 51 program credit hours. These courses consist of 27 credit hours of Required Core Courses and 24 hours in the Concentration Areas. A minimum of 122 credit hours is required for graduation. Students must comply with all University

requirements for graduation, including General Education requirements (Liberal Studies Program) and Senior Paper. The student must earn at least a grade of C in the required courses for the major.

| Code | Title | Hours |
|---------|---|-------|
| CST 131 | Introduction to Cultural Studies | 3 |
| CST 231 | Introduction to Cultural Theory | 3 |
| CST 232 | Introduction to Critical Studies in Race | 3 |
| CST 233 | Introduction to Gender and Sexual Studies | 3 |
| CST 234 | Introduction to Pop Culture | 3 |
| CST 331 | Junior Seminar in Cult Studies | 3 |
| CST 431 | Senior Seminar I | 3 |
| CST 432 | Senior Seminar II | 3 |
| REL 131 | Survey of the Great Living Religion | 3 |

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Concentration Tracks (24 Hours): Students choose one of five concentrations (Critical Studies in Race, Gender and Sexuality, Popular Culture, Religious Studies, or Generalist) and take four courses within that concentration from the list of courses below. In addition, they choose four elective courses.

Critical Studies in Race

| Code | Title | Hours |
|---------|---|-------|
| AAS 231 | Intro to Africana Studies | 3 |
| AAS 495 | Special Topics in Africana Studies | 3 |
| CST 321 | Critical Race Theory | 3 |
| ENG 494 | Afro-American Literature: 1920 to Present | 3 |
| ENG 495 | African American Literature | 3 |
| HIS 237 | Introduction to Africa | 3 |
| HIS 338 | Topics African American History I | 3 |
| HIS 339 | Topics African American History II | 3 |
| LS 130 | ID: African American & Other Cul Tr | 3 |
| POL 235 | Contemporary African Politics | 3 |
| POL 339 | Black Political Thought | 3 |
| PSY 331 | Black Psychology | 3 |
| SPA 438 | Afro-Hispanic Literature and Culture | 3 |
| VPT 330 | African-American Film History | 3 |

Gender and Sexuality

| Code | Title | Hours |
|---------|------------------------------------|-------|
| CST 332 | Rapsody's Eve and Hip-Hop Feminism | 3 |
| HED 232 | Human Sexuality and Family Living | 3 |
| HED 236 | Women's Health | 3 |
| HED 439 | Queer Studies | 3 |
| HIS 392 | Women's History | 3 |
| POL 430 | Women in Politics | 3 |
| PSY 390 | Women Race and Class | 3 |
| SPA 364 | Latin American Women Writers | 3 |

Popular Culture

| Code | Title | Hours |
|---------|---------------------------------------|-------|
| ENG 426 | The Contemporary Graphic Novel | 3 |
| IDS 296 | Sole Food: Digestible Sneaker Culture | 3 |
| REL 237 | Religious Art and Visual Culture | 3 |
| SPA 346 | Cultural Rootedness: | 3 |
| SPA 364 | Latin American Women Writers | 3 |
| SPA 383 | Intro to Life Writing, Memoir & Bio | 3 |
| SPA 437 | Hispanic Film | 3 |
| SPA 438 | Afro-Hispanic Literature and Culture | 3 |
| VPT 330 | African-American Film History | 3 |

Religious Studies

| Code | Title | Hours |
|---------|-------------------------------------|-------|
| ETH 331 | Comparative Religious Ethics | 3 |
| ETH 333 | Social Analysis and Ethical Reflect | 3 |
| REL 231 | Introduction to the Old Testament | 3 |

| | | |
|---------|-----------------------------------|---|
| REL 232 | Introduction to the New Testament | 3 |
| REL 237 | Religious Art and Visual Culture | 3 |
| REL 331 | Hist. & Theology of Black Church | 3 |
| REL 332 | Intro to Liberation Theology | 3 |
| REL 335 | The Sociology of Religion | 3 |
| REL 337 | Islam in America | 3 |

Generalist Concentration

Two courses from each of the above concentrations (24 credits total).

Cultural Studies Minor

The Cultural Studies minor consists of 18 credit hours, including six hours of required courses and 12 hours of electives. Electives should be selected from the Cultural Studies major core (CST courses) and/or any of the concentration tracks. No more than two courses in any concentration tracks (non-CST courses) may be counted towards the minor. Students must earn a grade of C or better in all courses counting toward the minor.

Cyber-Intelligence and Technology Minor

The minor in Cyber-Intelligence and Technology consists of 21 hours, including 12 hours of required courses and 9 hours of approved electives (3 hours from CRM; 6 hours from CSC). All courses require a grade of C or higher.

| Code | Title | Hours |
|--|--------------------------------------|-----------|
| Required Core | | |
| CRM 131 | Introduction to Criminal Justice | 3 |
| CRM 231 | Foundations of the Intelligence Com | 3 |
| CRM 233 | Ethics in Criminal Justice | 3 |
| CSC 239 | GIS Mapping | 3 |
| Intelligence Community and Technology Electives | | |
| Select nine hours from the following: | | |
| CRM 333 | Terrorism | 3 |
| CRM 338 | Homeland Security | 3 |
| CSC 238 | Introduction to Information Security | 3 |
| CSC 431 | Computer and Network Forensics | 3 |
| CSC 432 | Data Mining | 3 |
| Total Hours | | 21 |

Ethics Minor

A minor in ethics consists of a minimum of 18 Credit Hours, including a 3-credit hour prerequisite and 15 credit hours as distributed below.

Minors in Ethics must earn a grade of C or better in all courses counting toward the minor.

| Code | Title | Hours |
|---------------------------------------|-------------------------------------|-------|
| Prerequisite | | |
| ETH 131/PHI 234 | Introduction to Ethics | 3 |
| Required Core | | |
| ETH 231 | History of West Social & Polit II | 3 |
| ETH 232 | History of West Social & Pol I | 3 |
| Electives | | |
| Select nine hours from the following: | | |
| ETH 233 | Christian Ethics | 3 |
| ETH 331 | Comparative Religious Ethics | 3 |
| ETH 333 | Social Analysis and Ethical Reflect | 3 |

| | | |
|--------------------|----------------------------------|-----------|
| ETH 431 | Special Topics in Ethics | 3 |
| SPM 435 | Sport Sociology and Ethics | 3 |
| SWK 340 | Values and Ethics | 3 |
| COM 445 | Journalism Ethics | 3 |
| PLS 433 | Ethical Leadership in a Changing | 3 |
| Total Hours | | 18 |

Global Studies Minor

The Global Studies Minor is a flexible program that is open to all students. It is designed to focus students' attention on the complex world of globalization and on what it means to be a global citizen. To obtain a Minor in Global Studies, a student must complete 18 Credit Hours from among the following list of eligible courses.

Minors in Global Studies must earn a grade of **C** or better in all courses counting toward the minor.

| Code | Title | Hours |
|-------------------------------------|-------------------------------------|-----------|
| Select 18 hours from the following: | | |
| BAF 334 | International Finance | 3 |
| BUS/ECO 233 | Business Statistics | 3 |
| COM 432 | Intercultural Communication | 3 |
| ECO 432 | Economic Development | 3 |
| ECO 438 | Environmental Economics | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| HIS 132 | World Civilizations 1500 to present | 3 |
| HIS 237 | Introduction to Africa | 3 |
| HIS 238 | Modern Latin America | 3 |
| HIS 337 | West Africa | 3 |
| HIS 431 | Twentieth Century Europe | 3 |
| HIS 432 | Southern Africa | 3 |
| HIS 435 | Northern Africa | 3 |
| IDS 496 | Special Topics | 3 |
| MGT 438 | International Business | 3 |
| MKT 435 | International Marketing | 3 |
| MKT 331 | Principles of Marketing | 3 |
| POL 230 | Intro to Political Analysis | 3 |
| POL 332 | Third World Politics | 3 |
| POL 334 | International Relations | 3 |
| POL 335 | Political Theory | 3 |
| POL 433 | International Organization | 3 |
| Total Hours | | 18 |

History Minor

A Minor in History consists of 18 Credit Hours including HIS 131 World Civilizations to 1500, HIS 132 World Civilizations 1500 to present, HIS 135, History the United States to 1865, and HIS 136, History of the US Since 1865. Minors in History must earn a grade or above in all courses counting toward the minor.

Interdisciplinary Studies Major

The Interdisciplinary Studies Major, leading to the Bachelor of Arts Degree, is open to all students by application and approval. The Major's core courses occur within a structured learning community.

A major in Interdisciplinary Studies consists of 63 program credit hours. These courses consist of 15 credit hours of Required Core Courses, 30 credit hours in a Major Concentration Area, and 18 credit hours in a Minor Concentration Area. In addition, all students must take 40 Credit Hours of Liberal Studies courses, and at least 3 elective hours. A minimum of 122 credit hours is required for graduation.

Students must comply with all the University's requirements for graduation, including the General Education requirements (Liberal Studies Program) and Senior Paper. The student must earn at least a grade of **C** in the required courses for the Major and their prerequisites.

The Interdisciplinary Studies Major is designed specifically to provide students with flexibility in pursuing an undergraduate education according to their individualized interests, needs, goals, and learning styles. As such, the Interdisciplinary Studies Major is not to be combined with existing traditional majors. The academic integrity of all courses of study within the Major is maintained through rigorous individualized advisement with the appropriate Department Chair(s) and/or adviser.

Interdisciplinary Studies Required Core

| Code | Title | Hours |
|--------------------|---|-----------|
| IDS 231 | Introduction to Interdisciplinary Studies | 3 |
| IDS 331 | Junior Seminar | 3 |
| IDS 431 | Senior Capstone I | 3 |
| IDS 432 | Senior Capstone II | 3 |
| PLS 236 | Critical Thinking | 3 |
| Total Hours | | 15 |

Political Science Major

A Political Science major is required to take 60 credit hours of courses to complete their major. These courses consist of a Required Core of 30 credit hours, 18 credit hours of Political Science electives, and a 12 credit hours Social Science Requirement. Other courses may be deemed Political Science electives with the approval of the Political Science Coordinator and Department Chair.

Political Science majors must also complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|-------------------------------------|------------------------------------|-------|
| Required Core | | |
| POL 100 | Introduction to Political Science | 3 |
| POL 131 | American Government | 3 |
| POL 230 | Intro to Political Analysis | 3 |
| POL 333 | Comparative Political Systems | 3 |
| POL 334 | International Relations | 3 |
| POL 335 | Political Theory | 3 |
| POL 398 | Research Methods | 3 |
| POL 431 | Policy Analysis | 3 |
| POL 434 | Constitutional Law I | 3 |
| POL 499 | Senior Paper | 3 |
| Political Science Electives | | |
| Select 18 hours from the following: | | |
| POL 231 | State and Local Politics | 3 |
| POL 235 | Contemporary African Politics | 3 |
| POL 330 | Public Administration & Management | 3 |
| POL 331 | Law and Politics | 3 |
| POL 332 | Third World Politics | 3 |
| POL 339 | Black Political Thought | 3 |

| | | |
|------------------------------------|-------------------------------------|-----------|
| POL 430 | Women in Politics | 3 |
| POL 432 | Seminar in American Politics | 3 |
| POL 433 | International Organization | 3 |
| POL 435 | Civil Rights & Civil Liberties | 3 |
| POL 437 | Foreign Policy | 3 |
| POL 438 | Seminar in Political Theory | 3 |
| POL 439 | Internship | 3 |
| POL 491 | Special Topics in Political Science | 3 |
| Social Sciences Requirement | | |
| ECO 231 | Principles of Macroeconomics | 3 |
| HIS 136 | History of the US Since 1865 | 3 |
| SOC 131 | Principles of Sociology | 3 |
| PSY/SOC 233 or | Descriptive & Predictive Statistics | 3 |
| MTH 136 | Introductory Statistics | 3 |
| Total Hours | | 60 |

Political Science Minor

A Minor in Political Science consists of 18 Credit Hours of coursework in Political Science, including POL 131 American Government and POL 230 Intro to Political Analysis. Minors in Political Science must earn a grade of **C** or above for all courses counting toward the minor.

Pre-Law Minor

Law schools seek individuals with analytical minds who can think clearly and logically and who express themselves both orally and in writing. The Association of American Law Schools advises the pre-law student to “major in the field in which he is most interested and do as well as he can in all his subjects.” The Pre-Law minor is designed to prepare students for admission to and success in law school.

A Pre-Law minor is required to take a minimum of 18 credit hours of courses with an overall grade point average of 2.5 to complete their minor. These courses consist of a Required Core of 6 credit hours and 12 credit hours of Pre-Law Electives, listed below. Please note that many of these courses require prerequisites, which may drive up the number of credit hours a student must take to complete the minor. Other courses may be deemed appropriate with the approval of the Pre-Law advisor and Department Chair. Pre-Law minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|-------------------------------------|-----------------------------------|-----------|
| Require Core | | |
| LAW 230 | Introduction to Legal Studies | 3 |
| LAW 394 | LSAT Preparation | 3 |
| Pre-Law Electives | | |
| Select 12 hours from the following: | | |
| ACC 235 | Financial & Managerial Account I | 3 |
| CRM 131 | Introduction to Criminal Justice | 3 |
| CRM 435 | Criminal Law | 3 |
| ENG 331 | Advanced Composition | 3 |
| HIS 135 | History the United States to 1865 | 3 |
| HIS 135 | History the United States to 1865 | 3 |
| HIS 136 | History of the US Since 1865 | 3 |
| PHI 233 | Practical Logic | 3 |
| POL 131 | American Government | 3 |
| POL 331 | Law and Politics | 3 |
| POL 434 | Constitutional Law I | 3 |
| POL 435 | Civil Rights & Civil Liberties | 3 |
| SPM 434 | Sport & Law | 3 |
| Total Hours | | 18 |

Sociology Minor

A Sociology minor is required to take a minimum of 18 credit hours of courses with an overall grade in each course.

| Code | Title | Hours |
|-------------------------------------|------------------------------------|-----------|
| Require Core | | |
| SOC 131 | Principles of Sociology | 3 |
| Pre-Law Electives | | |
| Select 15 hours from the following: | | 15 |
| SOC 133 | Introduction Cultural Anthropology | 3 |
| SOC 233 | Statistics Social & Behavioral Sci | 3 |
| SOC/SWK 234 | Introduction to Gerontology | 3 |
| SOC 238 | Social Problems | 3 |
| SOC 239 | Sex Roles | 3 |
| SOC 332 | Urban Sociology | 3 |
| SOC 333 | Social Stratification | 3 |
| SOC 335 | Sociology of Religion | 3 |
| SOC 338 | Deviant Behavior | 3 |
| SOC 434 | Development of Social Theories | 3 |
| SOC 436 | Independent Study | 3 |
| SOC 494 | Special Topics | 3 |
| Total Hours | | 18 |

Women, Gender and Sexuality Studies Minor

A minor in Women, Gender and Sexuality Studies includes a total of 6 courses, totaling 18 credit hours. Students are required to successfully complete Introduction to Gender and Sexuality studies, Introduction to Black Women’s Studies, 1 course focused on race, ethnicity, and class, 1 course focused on transnational, diasporic, or post-colonial studies and 2 elective courses (which can be selected from any of the approved classes in the minor). Many departments offer special topics courses that can also satisfy the minor requirements for the 2 subgroup courses and 2 electives. Students must consult with the minor program coordinator or academic advisor for approval of a special topics course. A grade of C or better in all minor courses is required to satisfy the requirements for a minor.

| Code | Title | Hours |
|---|--|----------|
| Require Core | | |
| WGS 233 | Introduction to Gender and Sexuality Studies | 3 |
| WGS 231 | Foundations of Black Women's Studies | 3 |
| Race, Ethnicity, and Class (3 hours- Select one course) | | |
| CST 131 | Introduction to Cultural Studies | 3 |
| CST 232 | Introduction to Critical Studies in Race | 3 |
| CST 231 | Introduction to Cultural Theory | 3 |
| CST 321 | Critical Race Theory | 3 |
| PSY 390 | Women, Race and Class | 3 |
| SPA 364 | Latin American Women Writers | 3 |
| Transnational, Diasporic or Post-colonial Studies (3 hours- Select one course) | | |
| RHC 130 | African Diaspora | 3 |
| AAS 231 | Introduction to African-American Studies | 3 |
| AAS 495 | Topics in African-American and African Studies | 3 |
| ENG 494 | African-American Literature I | 3 |
| ENG 485 | African-American Literature II | 3 |
| HIS 392 | Women's History | 3 |
| POL 235 | Contemporary African Society and Politics | 3 |
| POL 430 | Women in Politics | 3 |
| SPA 364 | Latin American Women Writers | 3 |
| Additional Electives | | |
| | | 6 |

| Select six hours from Race, Ethnicity and Class; Transnational, diasporic or post-colonial studies; or classes below | | |
|---|---|-----------|
| WSG 490 | Special Topics | 3 |
| HED 232 | Human Sexuality and Family Living | 3 |
| HED 236 | Women's Health | 3 |
| HED 439 | Queer Studies | 3 |
| REL 131 | Survey of Great Living Religions | 3 |
| REL 237 | Religious Art and Visual Culture | 3 |
| REL 332 | Introduction to Liberation Theology | 3 |
| REL 331 | History of Theology of the Black Church | 3 |
| REL 335 | The Sociology of Religion | 3 |
| REL 337 | Islam in America | 3 |
| Total Hours | | 18 |

College of Science, Technology, Engineering and Mathematics (STEM)

The College of Science, Technology, Engineering and Mathematics (STEM) prepares students to enter professional life as informed citizens who can communicate effectively, think critically, and demonstrate competence in their field of study. The College endeavors to acquaint students with the substance and methodology of the natural sciences, computer science, computer engineering, mathematics and psychology, and offers programs that combine Liberal Studies with specialized career-oriented training to prepare them for entry-level positions in education and industry immediately upon graduation. Additionally, students are provided opportunities to sharpen their analytical skills and to further develop leadership and interpersonal skills essential to professional career success.

Majors

- Biology and Chemistry Double Major
- Biology Major
- Chemistry Major
- Computer Engineering (CE) Major
- Computer Science/Information Systems (CS/IS) Major
- Information Systems Engineering (ISE) Major
- Mathematics Major
- Mathematics with Pre-Mathematical Finance Concentration Major
- Psychology Major

Minors

- Bioinformatics Minor
- Biology Minor
- Chemistry Minor
- Computer Engineering Minor
- Computer Science Minor
- Cyber Security Minor
- Data Science Minor
- Mathematics Minor
- Sustainability Minor

Pre-Professional Opportunities in the Sciences

Pre-Medical, Pre-Dental, and Pre-Pharmacy Preparation

JCSU offers all courses required for preparation for medical, dental,

pharmacy, and other allied health schools. A student may major in any area of study, but the University recommends a Major in Biology or Chemistry.

The following Science courses are usually the minimum required for admittance to most medical schools: Biology, two semesters; Chemistry (general and organic), four semesters; and Physics, two semesters. Other specific courses are required by some medical schools. Academic advisors will aid students in arranging their programs.

Computer Science, Engineering and Mathematics

This Department houses programs and coursework in Computer Science, Computer Engineering, Data Science, Information Systems and Mathematics.

The Department provides programs for earned Bachelor of Science Degrees in the following areas:

- Computer Engineering
- Computer Science Information Systems
- Information Systems Engineering
- Mathematics
- Mathematics with a Concentration in Pre-Mathematical Finance

The Department offers Minors in the following areas:

- Bioinformatics
- Computer Engineering
- Computer Science
- Cybersecurity
- Data Science
- Mathematics

Each program may be completed in four years if the student has the required prerequisites. The programs are offered to prepare students for competitive careers and graduate school opportunities in a wide spectrum of the Information Technology profession, including software, hardware, programming, systems analysis, computer networking, telecommunications, robotics and automatic control systems, digital signal processing (DSP), information systems, and digital/analog electronics.

A major in Computer Engineering consists of 67 program credit hours. In addition, all students must take 43 Credit Hours of Liberal Studies courses and at least 9 elective hours. A minimum of 123 credit hours is required for graduation.

A major in Computer Science/Information Systems consists of 70 program credit hours. In addition, all students must take 43 Credit Hours of Liberal Studies courses and at least 9 elective hours. A minimum of 125 credit hours is required for graduation.

A major in Information Systems Engineering consists of 67 program credit hours. In addition, all students must take 43 Credit Hours of Liberal Studies courses and at least 9 elective hours. A

minimum of 123 credit hours is required for graduation.

A major in Mathematics consists of 59-60 program credit hours. In addition, all students must take 43 credit hours of Liberal Studies courses (11 credit hours of which count toward the 59-60 credit hours required in the major) and at least 30 free elective credit hours. A minimum of 122 credit hours is required for graduation.

A major in Mathematics with a Concentration in Pre-Mathematical Finance consists of 86-87 program credit hours. In addition, all students must take 43 credit hours of Liberal Studies courses (11 credit hours of which count toward the 86-87 credit hours required in the major) and at least three free elective hours. A minimum of 122 credit hours is required for graduation.

Students must comply with all University requirements for graduation, including the General Education requirements (Liberal Studies Program of 43 credit hours) and Senior Paper. The student must earn at least a grade of C in the required courses for the Major and their prerequisites.

Computer Science Information Systems, Information Systems Engineering and Computer Engineering Honors Degrees

The Department of Computer Science, Engineering and Mathematics offers an Honors Degree for students who satisfy the following requirements:

Eligibility

- Have an overall GPA of 3.2 or better
- Have a GPA of 3.5 or better in all courses required for the Major

Requirements

- Participate in a scientific research experience on or off-campus
- Make one scientific presentation at an off-campus event or professional meeting or conference

Faculty

Awatif Amin (2001)
Assistant Professor of Computer Science
Department of Computer Science, Engineering and Mathematics

Ying Bai (2001)
Professor of Computer Science
Department of Computer Science, Engineering and Mathematics

Suryadip Chakraborty (2016)
Associate Professor of Computer Science
Department of Computer Science, Engineering and Mathematics

Ahmed Faik (2001)
Assistant Professor of Computer Science and Engineering
Department of Computer Science, Engineering, and Mathematics

Vanessa Figgers (2007)
Assistant Professor of Mathematics
Department of Computer Science, Engineering and Mathematics

Vijaya L. Gompa (2020)
Dean of the College of Science, Technology and Mathematics
Professor of Mathematics
Department of Computer Science, Engineering and Mathematics

Brian Hunt (2007)
Chair, Department of Computer Science, Engineering and Mathematics
Associate Professor of Mathematics
Department of Computer Science, Engineering and Mathematics

Thanh-Thuy Nguyen (2011)
Assistant Professor of Mathematics
Department of Computer Science, Engineering and Mathematics

Sabina Otienoburu (2016)
Associate Professor of Bioinformatics
Department of Computer Science, Engineering and Mathematics

Raymond Scriven (2020)
Instructor of Mathematics
Department of Computer Science, Engineering and Mathematics

Felesia Stukes (2017)
Associate Professor of Computer Science
Department of Computer Science, Engineering and Mathematics

Sonya Worrell (2023)
Instructor of Computer Science
Department of Computer Science, Engineering and Mathematics

Bioinformatics Minor

A Minor in Bioinformatics requires 19 Credit Hours: 13 credit hours of Bioinformatics Requirements and at least 6 credit hours of Restricted Electives. At least 8 of these hours cannot also be counted toward a student's major(s). Courses marked with an asterisk have prerequisites outside of the core requirements for this minor; see the course descriptions for details.

A Bioinformatics Minor must complete the following required coursework and electives and earn at least a grade of C in each course.

| Code | Title | Hours |
|--|---|-----------|
| Bioinformatics Requirements | | |
| BIO 143 | Intro to Biology I | 4 |
| BIO/CSC 336 | Introduction to Bioinformatics | 3 |
| CSC 339 | Bioinformatics Programming | 3 |
| MTH 438 | Biostatistics | 3 |
| Bioinformatics Restricted Electives | | |
| Select 6 hours from the following: | | |
| BIO/CHE 333 | Biochemistry I ¹ | 3 |
| BIO 341 | Genetics ¹ | 4 |
| BIO/CHE 422 | Laboratory Projects in Biology (topic in Bioinformatics/Genomics) | 2 |
| BIO/CHE 430 | Research Problems in Biology (topic in Bioinformatics/Genomics) | 3 |
| BIO/CSC 433 | Exploration in Genomics | 3 |
| BIO/CSC 435 | Special Topics: Bioinformatics | 3 |
| BIO 434 | Introduction to Pharmacogenomics | 3 |
| CSC 135 | Intro to Programming Python | 3 |
| CSC 432 | Data Mining | 3 |
| CSC 438 | Database Processing ¹ | 3 |
| Total Hours | | 19 |

¹Course requires a prerequisite.

Any of the courses in the minor can be replaced with:

NSC 429 Senior Seminar I (2 Credit Hours) + NSC 419 Senior Seminar II (1 Credit Hour) with a Senior Paper written on a topic in Bioinformatics or Genomics that satisfies the biology major requirement.

or

CSE 430 Senior Project (3 Credit Hours) on a topic in Bioinformatics or Genomics that satisfies the requirements of the respective majors offered in the Department of Computer Science and Engineering.

Computer Engineering (CE) Major

A Computer Engineering major is required to take 84 credit hours of courses, 8 of which can be applied to the Liberal Studies requirements. These courses consist of 25 credit hour Computer Science core, 27 credit hours of Computer Engineering requirements; 9 credit hours of Restricted Electives; and 23 Credit Hours of Additional Required Courses, 8 credit hours of which may be used for General Education requirements. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these prerequisites. Course Prerequisites are described in the course descriptions.** Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Computer Engineering majors must complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|--|--|-------|
| Computer Science Core | | |
| CSE 138 | Intro Computer Science & Engineering | 3 |
| CSC 210 | Career Preparation Seminar I | 1 |
| CSC 211 | Career Preparation Seminar II | 1 |
| CSC 241 | Computer Programming I with Lab | 4 |
| CSC 242 | Computer Programming II with Lab | 4 |
| CSC 234 | Data Structures & Algorithms | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 333 | Computer Organization & Architecture | 3 |
| CSE 430 | Senior Project | 3 |
| Computer Engineering Requirements | | |
| CSE 330 | Logic & Digital Circuits | 3 |
| CSE 331 | Circuit Theory | 3 |
| CSE 332 | Foundations of Semiconductor Device | 3 |
| CSE 334 | Electronic Measurement & Design | 3 |
| CSE 335 | Circuit Theory II | 3 |
| CSE 432 | Electronics Circuit Design | 3 |
| CSE 433 | Digital Signal Processing | 3 |
| CSE 434 | Advanced Electronic Systems | 3 |
| CSE 438 | Advanced Logic & Microprocessors | 3 |
| Restricted Electives | | |
| Select nine hours from the following: | | |
| CSE 435 | Practicum | 3 |
| CSE 439 | Sp Top: Computer Science & Engineering | 3 |
| CSC 331 | Applications Programming | 3 |
| CSC 334 | Introduction to Operating Systems | 3 |
| CSC 335 | Internet Programming | 3 |
| CSC 336 | Introduction to Bioinformatics | 3 |
| CSC 339 | Bioinformatics Programming | 3 |
| CSC 432 | Data Mining | 3 |
| CSC 433 | Explorations in Genomics /Bioinformatics | 3 |
| CSC 435 | Special Topics in Bioinformatic Alg | 3 |
| CSC 437 | Software Engineering | 3 |
| CSC 438 | Database Processing | 3 |
| Additional Required Courses | | |
| MTH 231 | Calculus I | 3 |
| MTH 232 | Calculus II | 3 |
| MTH 333 | Probability & Statistics I | 3 |
| MTH 336 | Introductory Linear Algebra | 3 |
| MTH 433 | Mathematics for Scientists and Eng | 3 |
| or MTH 434 | Differential Equations I | |

| | | |
|--------------------|--|-----------|
| PHY 243 | Mechanics (Applied to LS Natural Science Pillar requirement) | 4 |
| PHY 244 | Electrodynamics (Applied to LS Natural Science Pillar requirement) | 4 |
| Total Hours | | 84 |

Computer Engineering Minor

A Minor in Computer Engineering requires 18 credit hours, consisting of 15 credit hours of Computer Engineering Requirements and credit hours of Computer Engineering Electives. A Computer Engineering Minor must complete the following required coursework and electives and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|--------------------------------------|-----------|
| Computer Engineering Requirements | | |
| CSE 138 | Intro Computer Science & Engineering | 3 |
| CSE 330 | Logic & Digital Circuits | 3 |
| CSE 331 | Circuit Theory | 3 |
| CSE 332 | Foundations of Semiconductor Device | 3 |
| CSE 334 | Electronic Measurement & Design | 3 |
| Computer Engineering Recommended Electives | | |
| Select three hours from the following: | | |
| CSE 432 | Electronics Circuit Design | 3 |
| CSE 433 | Digital Signal Processing | 3 |
| CSE 435 | Practicum | 3 |
| CSE 436 | Automatic Control Systems | 3 |
| CSE 438 | Advanced Logic & Microprocessors | 3 |
| CSE 439 | Sp Top: Computer Science & Engineer | 3 |
| Total Hours | | 18 |

Computer Science Minor

A Minor in Computer Science provides the technology skills and understanding required of every professional in today's workforce. It will teach basic programming and software engineering skills, project management skills, and increase computer competency. Students may choose their electives to obtain an emphasis in databases, networking, web programming, systems programming, data mining, and cyber security. These skills can complement any area of study as technology has emerged in virtually all employment areas in today's world.

A Minor in Computer Science consists of at least 18 credit hours of computer science courses, including 15 credit hours of required courses and 3 credit hours of computer science electives.

A Computer Science Minor must complete the following required coursework and electives and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|--------------------------------------|-------|
| Computer Science Minor Requirements | | |
| CSC 135 | Intro to Programming Python | 3 |
| CSC 241 | Computer Programming I with Lab | 4 |
| CSC 242 | Computer Programming II with Lab | 4 |
| CSC 234 | Data Structures & Algorithms | 3 |
| CSC 210 | Career Preparation Seminar I | 1 |
| Computer Science Recommended Electives | | |
| Select three hours from the following: | | |
| CSC 238 | Introduction to Information Security | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 334 | Introduction to Operating Systems | 3 |

| | | |
|--------------------|--|-----------|
| CSC 335 | Internet Programming | 3 |
| CSC/BIO 336 | Introduction to Bioinformatics | 3 |
| CSC 339 | Bioinformatics Programming | 3 |
| CSC 431 | Computer and Network Forensics | 3 |
| CSC 432 | Data Mining | 3 |
| CSC/BIO 435 | Special Topics in Bioinformatic Algorithms | 3 |
| CSC 438 | Database Processing | 3 |
| Total Hours | | 18 |

Computer Science/Information Systems (CS/IS) Major

A Computer Science/Information Systems major is required to take 79 credit hours of courses, 3 of which can be applied to the Liberal Studies requirements. These courses consist of 25 credit hour Computer Science core; 21 credit hours of Computer Science Requirements; 18 credit hours of Accounting, Business and Marketing Requirements; 9 credit hours of Restricted Electives, and 6 credit hours of Mathematics Requirements some of which may be used for General Education requirements. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these prerequisites. Course prerequisites are described in the course descriptions.** Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Computer Science/Information Systems majors must also complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|--|-------|
| Computer Science Core | | |
| CSE 138 | Intro Computer Science & Engineering | 3 |
| CSC 210 | Career Preparation Seminar I | 1 |
| CSC 211 | Career Preparation Seminar II | 1 |
| CSC 241 | Computer Programming I with Lab | 4 |
| CSC 242 | Computer Programming II with Lab | 4 |
| CSC 234 | Data Structures & Algorithms | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 333 | Computer Organization & Architecture | 3 |
| CSE 430 | Senior Project | 3 |
| Computer Science Requirements | | |
| CSC 233 | Introduction to Discrete Structures | 3 |
| CSC 238 | Introduction to Information Security | 3 |
| CSC 330 | Systems Analysis & Design | 3 |
| CSC 331 | Applications Programming | 3 |
| CSC 334 | Introduction to Operating Systems | 3 |
| CSC 335 | Internet Programming | 3 |
| CSC 438 | Database Processing | 3 |
| Accounting, Business, and Marketing Requirements | | |
| ACC 235 | Financial & Managerial Account I | 3 |
| ACC 236 | Financial and Managerial Account II | 3 |
| BAF 330 | Business Finance | 3 |
| ECO 231 | Principles of Macroeconomics | 3 |
| MGT 333 | Principles of Management | 3 |
| MKT 331 | Principles of Marketing | 3 |
| Restricted Electives | | |
| Select nine hours from the following: | | |
| CSE 439 | Sp Top: Computer Science & Engineer | 3 |
| CSC 230 | Introduction to Programming | 3 |
| CSE 330 | Logic & Digital Circuits | 3 |
| CSC 437 | Software Engineering | 3 |
| CSC 432 | Data Mining | 3 |
| CSE 435 | Practicum | 3 |
| CSC 336 | Introduction to Bioinformatics | 3 |
| CSC 339 | Bioinformatics Programming | 3 |
| CSC 433 | Explorations in Genomics /Bioinform | 3 |
| CSC 435 | Special Topics in Bioinformatic Algorithms | 3 |

| | | |
|---------------------------------|--|-----------|
| MTH 232 | Calculus II | 3 |
| Mathematics Requirements | | |
| MTH 136 | Introductory Statistics | 3 |
| MTH 231 | Calculus I (can also count towards Liberal Studies Requirements) | 3 |
| Total Hours | | 79 |

Cyber Security Minor

A Minor in Cyber Security requires 18 Credit Hours: 9 credit hours of Cybersecurity Requirements and 9 credit hours of Restricted Electives.

A Cyber Security Minor must complete the following required coursework and electives and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|--------------------------------------|-----------|
| Cybersecurity Requirements | | |
| CSC 238 | Introduction to Information Security | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 431 | Computer and Network Forensics | 3 |
| Cybersecurity Restricted Electives | | |
| Select nine hours from the following: | | |
| CSE 433 | Digital Signal Processing | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 333 | Computer Organization & Architecture | 3 |
| CSC 334 | Introduction to Operating Systems | 3 |
| CSC 335 | Internet Programming | 3 |
| CSC 336 | Introduction to Bioinformatics | 3 |
| CSC 430 | Risk Analysis and Management | 3 |
| CSC 434 | Network Management | 3 |
| CSC 439 | Data Communications | 3 |
| Total Hours | | 18 |

Data Science Minor

A Minor in Data Science requires 18 Credit Hours, 9 credit hours of Data Science Requirements and 9 credit hours of Restricted Electives. Students are encouraged to select the nine elective credit hours focused around a thematic interest area in which data science will be applied. Special considerations will be made to tailor the program to a diverse audience with varying levels of experience.

A Data Science Minor must complete the following required coursework and electives and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|-------------------------------------|-------|
| Required (9 Credit Hours) | | |
| DSC 130 | Introduction to Data Science | 3 |
| DSC 131 | Intro to Programming for Data | 3 |
| DSC 132 | Data Visualization & Communication | 3 |
| Restricted Electives (9 Credit Hours) | | |
| CSC 136 | Intro to Network Science | 3 |
| CSC 239 | GIS Mapping | 3 |
| CSC 432 | Data Mining | 3 |
| DSC 133 | Responsible Artificial Intelligence | 3 |
| DSC 430 | Advanced Data Science | 3 |
| CSE 430 | Senior Project | 3 |
| DSC 435 | Data Science Practicum | 3 |
| DSC 439 | Special Topics in Data Science | 3 |
| MTH 233 | Mathematics and Spreadsheets | 3 |
| Must include one of the following Statistics Courses | | |
| BUS 233 | Business Statistics | 3 |
| MTH 136 | Introductory Statistics | 3 |
| MTH 438 | Biostatistics | 3 |
| PSY 233 | Descriptive & Predictive Statistics | 3 |

Total Hours 18

Information Systems Engineering (ISE) Major

An Information Systems Engineering major is required to take 84 credit hours of courses, 8 of which can be applied to the Liberal Studies requirements. These courses consist of 25 credit hour Computer Science core; 15 credit hours of Computer Science Requirements; 18 credit hours of Computer Engineering Requirements; 9 credit hours of Restricted Electives; and 17 Credit Hours of Mathematics and Physics Requirements, some of which may be used for Liberal Studies requirements. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.

Information Systems Engineering majors must complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|--|-------|
| Computer Science Core | | |
| CSE 138 | Intro Computer Science & Engineering | 3 |
| CSC 210 | Career Preparation Seminar I | 1 |
| CSC 211 | Career Preparation Seminar II | 1 |
| CSC 241 | Computer Programming I with Lab | 4 |
| CSC 242 | Computer Programming II with Lab | 4 |
| CSC 234 | Data Structures & Algorithms | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 333 | Computer Organization & Architecture | 3 |
| CSE 430 | Senior Project | 3 |
| Computer Engineering and Computer Science Requirements | | |
| CSE 330 | Logic & Digital Circuits | 3 |
| CSE 331 | Circuit Theory | 3 |
| CSE 332 | Foundations of Semiconductor Device | 3 |
| CSE 334 | Electronic Measurement & Design | 3 |
| CSE 335 | Circuit Theory II | 3 |
| CSE 432 | Electronics Circuit Design | 3 |
| CSC 238 | Introduction to Information Security | 3 |
| CSC 331 | Applications Programming | 3 |
| CSC 335 | Internet Programming | 3 |
| CSC 334 | Introduction to Operating Systems | 3 |
| CSC 438 | Database Processing | 3 |
| Restricted Electives | | |
| Select nine hours from the following: | | |
| CSE 433 | Digital Signal Processing | 3 |
| CSE 434 | Advanced Electronic Systems | 3 |
| CSE 435 | Practicum | 3 |
| CSE 436 | Automatic Control Systems | 3 |
| CSE 438 | Advanced Logic & Microprocessors | 3 |
| CSE 439 | Special Topics: Computer Science & Engineering | 3 |
| CSC 230 | Introduction to Programming | 3 |
| CSC 233 | Introduction to Discrete Structures | 3 |
| CSC 335 | Internet Programming | 3 |
| CSC 336 | Introduction to Bioinformatics | 3 |
| CSC 339 | Bioinformatics Programming | 3 |
| CSC 433 | Explorations in Genomics /Bioinform | 3 |
| CSC 435 | Special Topics in Bioinformatic Alg | 3 |
| CSC 437 | Software Engineering | 3 |
| Mathematics and Physics Requirements | | |
| MTH 136 | Introductory Statistics | 3 |
| MTH 231 | Calculus I | 3 |
| MTH 232 | Calculus II | 3 |
| PHY 241 or | General Physics (also counts in the | 4 |
| PHY 243 | Liberal Studies Natural Sciences Pillar) | |
| PHY 242 | General Physics (also counts in the | 4 |
| or | Liberal Studies Natural Sciences Pillar) | |
| PHY 244 | Electrodynamics | |

Total Hours 84

Mathematics Major

The mathematics curriculum supports the University's mission to provide an outstanding education to a diverse group of talented and highly motivated students from various ethnic, socio-economic, and geographical backgrounds. In this role, the mathematics programs provide basic skills in Mathematics for the general student body, intermediate and advanced skills for students in other Majors, and an in-depth program for Majors in Mathematics and Mathematics with concentration in Pre-Mathematical Finance.

The major program leads to a Bachelor of Science Degrees in Mathematics and Mathematics with a concentration in Pre-Mathematical Finance.

Mathematics Placement

Students entering the University for a major with a specific math requirement without college-level mathematics credit will typically enroll in MTH 131 College Algebra or MTH 133 Survey of Practical Application of Math unless Advanced Placement. A placement test is given each semester to all entering students prior to registration. The performance on this test may require a student to take MTH 130 Introduction to College Mathematics prior to entering MTH 131 College Algebra or MTH 133 Survey of Practical Applications of Mathematics, or it may allow the student to enroll in MTH 137 Precalculus I or a higher course. Students not planning on a major with a specific a math requirement may satisfy the math requirement of the Liberal Studies program by taking MTH 133 Survey of Practical Applications of Mathematics. Prospective Mathematics Majors who do not have a sound and workable background in algebra and trigonometry may be required to take Precalculus I (MTH 137) and Precalculus II (MTH 138) as prerequisite courses before starting the Calculus sequence.

Early Mathematics Honors Certificate

The requirements for an Early Mathematics Honors Certificate must be completed in the first four semesters of enrollment. These are:

- Be selected for Honors Mathematics sections in introductory courses based on Mathematics placement and demonstrated interest
- Complete two Honors sections of Mathematics courses with an average of 3.0 or higher (At least one course must be at the 200 level)
- Participate in an established Mathematics club and/or Mathematics honor society.
- Upon completion of the requirements, a student may receive a Dean's Certificate for Honors in Early Mathematics. Students completing three courses in Mathematics with this average may receive a Dean's Certificate for High Honors in Early Mathematics.

Mathematics Honors Degree

Eligibility

- Have an overall GPA 3.0 or better
- Complete the Calculus sequence, Introductory Linear Algebra, and Introductory Abstract Algebra with a GPA of 3.3 or better before being selected for participation in the Mathematics Honors Degree Program
- Be recommended by a department faculty member
- Be selected to the program by a committee appointed by the Department

Requirements

- Complete an Honors project in one of the following courses: MTH 430 Topics in Analysis, MTH 432 History and Foundations of Math, or MTH 439 Topics in Algebra majors. A committee appointed by the Department must approve each project. Students must do the project associated with the course to receive Honors credit.
- Successfully complete a written Honors Project Report and successfully defend the project in an oral presentation.
- Participate in an established Mathematics club and/or scientific honor society.

Upon completion of the requirements, a student may graduate with Mathematics Honors or Mathematics High Honors based on the judgment of the mathematics faculty.

A Mathematics major is required to take 59-60 credit hours of courses (depending on course selections), 11 credit hours of which can be applied to the Liberal Studies requirements. These courses consist of 35 credit hours of Mathematics Core Requirements, 15 credit hours of Mathematics Requirements and at least 9 credit hours of Mathematics Electives. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. If a student places into a course lower than MTH 231, then they will have to take additional credit hours to meet the prerequisites which are listed in the course descriptions in this catalog. Mathematics majors must also earn at least a grade of C in each course.

Mathematics majors must take PHY 243 which can also be used to satisfy the Liberal Studies Program's Natural Sciences pillar requirement. Mathematics majors must take PHY 244 which can also be used to satisfy the Liberal Studies Program's elective pillar requirement. MTH 231 or MTH 232 in the Mathematics degree program can be used to satisfy the Liberal Studies Program's Foundations requirement for Mathematics.

Mathematics majors are required to develop a Senior Investigative Paper. Its formal development begins when the student has reached senior standing and completed both the core 200- and 300-level courses in Mathematics and the Liberal Studies requirements in rhetoric. The Senior Investigative Paper in Mathematics is written and presented while enrolled in MTH 411 and 412.

| Code | Title | Hours |
|---|---------------------------------|-------|
| Mathematics Core (35 credit hours) | | |
| CSC 241 | Computer Programming I with Lab | 4 |
| MTH 231 | Calculus I | 3 |

| | | |
|--|--|--------------|
| MTH 232 | Calculus II | 3 |
| MTH 331 | Calculus III | 3 |
| MTH 332 | Calculus IV | 3 |
| MTH 333 | Probability & Statistics I | 3 |
| MTH 335 | Introductory Abstract Algebra | 3 |
| MTH 336 | Introductory Linear Algebra | 3 |
| MTH 411 | Senior Seminar I | 1 |
| MTH 412 | Senior Seminar II | 1 |
| MTH 414 | Preparation for Standardized Testing | 1 |
| MTH 432 | History and Foundations of Mathematics | 3 |
| PHY 243 | Mechanics | 4 |
| Mathematics Requirements | | |
| MTH 311 | Junior Seminar I | 1 |
| MTH 312 | Junior Seminar II | 1 |
| MTH 430 | Topics in Analysis | 3 |
| MTH 434 | Differential Equations | 3 |
| MTH 439 | Topics in Algebra | 3 |
| PHY 244 | Electrodynamics | 4 |
| Mathematics Electives | | |
| Select at least nine hours from the following: | | |
| CSC 242 | Computer Programming II with Lab | 4 |
| CSC 234 | Data Structures & Algorithms | 3 |
| MTH 330 | Modern Geometry | 3 |
| MTH 334 | Probability & Statistics II | 3 |
| MTH 442 | Numerical Methods | 3 |
| MTH 462 | Topics in Number Theory | 3 |
| MTH 497 | Special Topics in Mathematics | 1 |
| MTH 498 | Special Topics in Mathematics | 2 |
| MTH 499 | Special Topics in Mathematics | 3 |
| Total Hours | | 59-60 |

Mathematics Minor

A minor in Mathematics consists of at least 18 credit hours of Mathematics courses at the 200-level or above. These courses include 12 credit hours of Mathematics Minor Requirements (including six hours of prerequisites that may be satisfied by placement). Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these prerequisites.** Course prerequisites are described in the course descriptions.

Mathematics minors must also earn at least a grade of C in each course.

Mathematics Minor Requirements

| Code | Title | Hours |
|---|-----------------------------|-----------|
| MTH 231 | Calculus I | 3 |
| MTH 232 | Calculus II | 3 |
| MTH 333 | Probability & Statistics I | 3 |
| MTH 336 | Introductory Linear Algebra | 3 |
| Any other MTH courses at the 200-level or above | | 6 |
| Total Hours | | 18 |

Mathematics with Concentration in Pre-Mathematical Finance Major

A Mathematics with Concentration in Pre-Mathematical Finance major is required to take 86-87 credit hours of courses (depending on course selections), 11 credit hours of which can be applied to the Liberal Studies requirements. These courses consist of 35 credit hours of Mathematics Core Requirements, 15 credit hours of Mathematics Requirements, at least 9 credit hours of Mathematics Electives and 27 credit hours of pre-Finance courses. Other courses may be deemed

appropriate with the approval of the student's advisor and Department Chair. If a student places into a course lower than MTH 231, then they will have to take additional credit hours to meet the prerequisites which are listed in the course descriptions in this catalog. Mathematics with Concentration in Pre-Mathematical Finance majors must also earn at least a grade of C in each course.

Mathematics with a Concentration in Pre-Mathematical Finance majors must take PHY 243 which can also be used to satisfy the Liberal Studies Program's Natural Sciences pillar requirement. Mathematics with a Concentration in Pre-Mathematical Finance majors must take PHY 244 which can also be used to satisfy the Liberal Studies Program's elective pillar requirement. MTH 231 or MTH 232 in the Mathematics with a Concentration in Pre-Mathematical Finance degree program can be used to satisfy the Liberal Studies Program's Foundations requirement for Mathematics.

Mathematics with a Concentration in Pre-Mathematical Finance majors are required to develop a Senior Investigative Paper. Its formal development begins when the student has reached senior standing and completed both the core 200- and 300-level courses in Mathematics and the Liberal Studies requirements in rhetoric. The Senior Investigative Paper in Mathematics is written and presented while enrolled in MTH 411 and 412.

| Code | Title | Hours |
|--|--|--------------|
| Mathematics Core (35 credit hours) | | |
| CSC 241 | Computer Programming I with Lab | 4 |
| MTH 231 | Calculus I | 3 |
| MTH 232 | Calculus II | 3 |
| MTH 331 | Calculus III | 3 |
| MTH 332 | Calculus IV | 3 |
| MTH 333 | Probability & Statistics I | 3 |
| MTH 335 | Introductory Abstract Algebra | 3 |
| MTH 336 | Introductory Linear Algebra | 3 |
| MTH 411 | Senior Seminar I | 1 |
| MTH 412 | Senior Seminar II | 1 |
| MTH 414 | Preparation for Standardized Testing | 1 |
| MTH 432 | History and Foundations of Mathematics | 3 |
| PHY 243 | Mechanics | 4 |
| Mathematics Requirements (15 credit hours) | | |
| MTH 311 | Junior Seminar I | 1 |
| MTH 312 | Junior Seminar II | 1 |
| MTH 430 | Topics in Analysis | 3 |
| MTH 434 | Differential Equations | 3 |
| MTH 439 | Topics in Algebra | 3 |
| PHY 244 | Electrodynamics | 4 |
| Mathematics Electives | | |
| <i>Select at least nine hours from the following:</i> | | |
| CSC 242 | Computer Programming II with Lab | 4 |
| CSC 234 | Data Structures & Algorithms | 3 |
| MTH 330 | Modern Geometry | 3 |
| MTH 442 | Numerical Methods | 3 |
| MTH 462 | Topics in Number Theory | 3 |
| MTH 497 | Special Topics in Mathematics | 1 |
| MTH 498 | Special Topics in Mathematics | 2 |
| MTH 499 | Special Topics in Mathematics | 3 |
| Pre-Mathematical Finance Requirements (27 credit hours) | | |
| ACC 235 | Financial & Managerial Account I | 3 |
| ACC 236 | Financial and Managerial Account II | 3 |
| BAF 330 | Business Finance | 3 |
| BAF 431 | Investments | 3 |
| ECO 231 | Principles of Macroeconomics | 3 |
| ECO 232 | Principle of Microeconomics | 3 |
| MKT 350 | Consumer Behavior | 3 |
| <i>Select one:</i> | | |
| BAF 231 | Introduction to Financial Planning | 3 |
| BAF 339 | Risk Management & Financial Planning | 3 |
| <i>Select one:</i> | | |
| ACC 335 | Intermediate Financial Accounting I | 3 |
| BUS 480 | Business Analytics | 3 |
| Total Hours | | 86-87 |

Natural and Behavioral Sciences

The Department of Natural and Behavioral Sciences includes coursework in Biology, Chemistry, Pre-Medicine, Psychology, and Sustainability and awards Bachelor of Science Degrees in Biology and Chemistry and a Bachelor of Arts Degree in Psychology.

Entering freshmen majoring in one of the sciences are required to take an entrance exam prior to their admission to the major curriculum. This exam is prepared and graded by JCSU Science faculty, and the results discussed with each student. Final placement is decided by the Chair after due consideration of student performance on the entrance exam, discussion with other Science faculty, and possible consideration of other factors such as SAT scores and high school grades.

Faculty

Tracy R. Brown-Fox (2014)
Assistant Professor of Chemistry
Department of Natural and Behavioral Sciences

Douglas P. Cooper (2011)
Associate Professor of Psychology
Department of Natural and Behavioral Sciences

Erika Dugo (2020)
Assistant Professor of Biology
Department of Natural and Behavioral Sciences

Mark A. Dugo (2020)
Assistant Professor of Ecology
Director of the Center for Renewable Energy and Sustainability
Department of Natural and Behavioral Sciences

Thomas Fleming (2012)
Assistant Professor of Physics
Department Chair, Department of Natural and Behavioral Sciences
Department of Natural and Behavioral Sciences

Willie Fleming (2024)
Associate Professor of Psychology
Department of Natural and Behavioral Sciences

Sunil Gupta (2003)
Assistant Professor of Natural Sciences
Department of Natural and Behavioral Sciences

Patrick Martin (2023)
Provost and Chief Academic and Research Officer
Professor of Biology
Department of Natural and Behavioral Sciences

Farzana Nazneen (2025)
Assistant Professor of Biology
Department of Natural and Behavioral Sciences

Ricardo Phipps (2025)
Interim Dean, College of Liberal Arts
Professor of Psychology
Department of Natural and Behavioral Sciences

Darkeyah Reuven (2022)
Assistant Professor of Chemistry

Department of Natural and Behavioral Sciences

Debra F. Terrell (2006)

Associate Professor of Psychology

Department of Natural and Behavioral Sciences

Alexa von Dohlen (2008)

Professor of Biology

Department of Natural and Behavioral Sciences

Angela Michelle White (2023)

Senior Vice President of Strategic Enrollment and Retention Management

Associate Professor of Biology

Department of Natural and Behavioral Sciences

Majors

- Biology and Chemistry Double Major
- Biology Major
- Chemistry Major
- Psychology Major

Minors

- Bioinformatics Minor
- Biology Minor
- Chemistry Minor
- Sustainability Minor

Bioinformatics Minor

A Minor in Bioinformatics requires 19 Credit Hours: 13 credit hours of Bioinformatics Requirements and at least 6 credit hours of Restricted Electives. At least 8 of these hours cannot also be counted toward a student's major(s). Courses marked with an asterisk have prerequisites outside of the core requirements for this minor; see the course descriptions for details. Students enrolled before 2017/2018 will follow the requirements of the minor described in the 2017/2018 catalogue.

A Bioinformatics Minor must complete the following required coursework and electives and earn at least a grade of **C** in each course.

Code Bioinformatics

| Requirements | Title | Hours |
|--|---|-------|
| BIO 143 | Intro to Biology I | 4 |
| BIO/CSC 336 | Introduction to Bioinformatics | 3 |
| CSC 339 | Bioinformatics Programming | 3 |
| MTH 438 | Biostatistics | 3 |
| Bioinformatics Restricted Electives | | |
| Select six hours from the following: | | 6 |
| BIO/CHE 333 | Biochemistry I ¹ | |
| BIO 341 | Genetics ¹ | |
| BIO/CHE 422 | Laboratory Projects in Biology (topic in Bioinformatics/Genomics) | |
| BIO/CHE 430 | Research Problems in Biology (topic in Bioinformatics/Genomics) | |
| BIO/CSC 433 | Exploration in Genomics | |
| BIO/CSC 435 | Special Topics: Bioinformatics | |
| BIO 434 | Introduction to Pharmacogenomics | |

CSC 135 Intro to Programming Python

CSC 432 Data Mining

CSC 438 Database Processing¹

Total Hours **19**

¹Course requires a prerequisite.

Any of the courses in the minor can be replaced with:
NSC 429 Senior Seminar I (2 Credit Hours) + NSC 419 Senior Seminar II (1 Credit Hour) with a Senior Paper written on a topic in Bioinformatics or Genomics that satisfies the biology major requirement.

Or

CSE 430 Senior Project (3 Credit Hours) on a topic in Bioinformatics or Genomics that satisfies the requirements of the respective majors offered in the Department of Computer Science and Engineering.

Biology Major

Given the fast-changing and broad nature of the biological sciences, the Biology Major is designed to provide students with flexibility in pursuing their interests and long-term educational and career goals. Students receive rigorous individualized advisement from their Major advisor in choosing core and advanced Biology courses that will best fit their needs.

Biology majors may take BIO 143 Intro to Biology I, BIO 144 Intro to Biology II, CHE 111 General Chemistry I Laboratory and CHE 131 General Chemistry I, CHE 112 General Chemistry II Laboratory and CHE 132 General Chemistry II, PHY 241 General Physics, and/or PHY 242 General Physics as courses under the Natural Sciences pillar of the liberal studies program (including as the six hours students may select from all of the pillars). MTH 231 Calculus I or MTH 232 Calculus II can be counted as meeting the Core Mathematics requirement.

A Biology major is required to take a minimum of 71 credit hours of courses; as noted above, 13 hours of this may count towards the Liberal Studies requirements. These courses include an 8 credit hour Introductory Core; between 12 and 16 credit hours of Biology Core courses, which must include at least one course from the Cell and Molecular Biology, Organismal Biology, and Population Biology categories; a minimum of 9 credit hours, consisting of three BIO or appropriate approved courses at or above the 300-level; 7 credit hours of Seminar Requirements; 21 credit hours of Chemistry Requirements; 6 credit hours of Mathematics, and 8 credit hours Physics Requirements. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.** Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Biology Degree with Honors

Eligibility

- Have an overall GPA of 3.3 or higher
- Have a GPA of 3.3 or higher in all courses required for the major

Requirements

- Participate in a scientific research experience on or off-campus
- Make one scientific presentation at an off-campus event or professional meeting or conference.
- Complete a Senior Investigative Paper rated at the Honors level by the Department.
- Participate in an established Biology club and/or scientific honor society.

Upon completing the requirements to the satisfaction of the faculty, a student may graduate with Honors or High Honors based on the judgment of the Biology Faculty.

Biology majors must also earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|------------------------------------|--------------|
| Introductory Core | | |
| BIO 143 | Intro to Biology I | 4 |
| BIO 144 | Intro to Biology II | 4 |
| Biology Core | | |
| Students will select one course from each of the cores and one additional course from any of the cores. Each selected course may only count towards one core requirement. | | 12-16 |
| Cell and Molecular Biology Core | | |
| BIO 241 | Cell Biology | 3 |
| BIO 336 | Introduction to Bioinformatics | 3 |
| Organismal Biology Core | | |
| BIO 245 | Human Anatomy and Physiology II | 4 |
| BIO 249 | Human Anatomy and Physiology I | 4 |
| BIO 247 | Zoology | 4 |
| BIO 248 | Botany | 4 |
| BIO 340 | Integrated Physiology | 4 |
| Population Biology Core | | |
| BIO 242 | Ecology | 4 |
| BIO 247 | Zoology | 4 |
| BIO 248 | Botany | 4 |
| Advanced Biology Requirement | | |
| Biology majors must complete nine credit hours at or above the 300 level, chosen in consultation with an advisor that are not used to satisfy other major requirements. These courses may include non-BIO courses if approved by the advisor. | | 9 |
| Seminar Requirements | | |
| NSC 218 | Sophomore Seminar I | 1 |
| NSC 219 | Sophomore Seminar II | 1 |
| NSC 318 | Junior Seminar I | 1 |
| NSC 319 | Junior Seminar II | 1 |
| NSC 429 | Senior Seminar I | 2 |
| NSC 419 | Senior Seminar II | 1 |
| Chemistry | | |
| CHE 111 | General Chemistry I Laboratory | 1 |
| CHE 112 | General Chemistry II Laboratory | 1 |
| CHE 131 | General Chemistry I | 3 |
| CHE 132 | General Chemistry II | 3 |
| CHE 221 | Laboratory in Organic Chemistry I | 2 |
| CHE 222 | Laboratory in Organic Chemistry II | 2 |
| CHE 231 | Organic Chemistry I | 3 |
| CHE 232 | Organic Chemistry II | 3 |
| CHE 333 | Biochemistry I | 3 |
| Mathematics Requirements | | |
| MTH 231 | Calculus I | 3 |
| MTH 232 or | Calculus II | 3 |
| MTH 438 | Biostatistics | |
| Physics Requirements | | |
| PHY 241 | General Physics | 4 |
| PHY 242 | General Physics | 4 |
| Total Hours | | 71-75 |

Additional Recommended Courses

Additional courses may be recommended by the Major advisor for

a student to meet requirements for graduate and professional programs or for a particular job market of interest to the student.

Biology Minor

A Biology minor is required to take a minimum of 18 credit hours of courses. These courses include an 8-credit hour Introductory Core; and an additional 10 credit hours of Biology courses above the 100 level, which may require additional Prerequisites. Please note that NSC 218 Sophomore Seminar I Sophomore Seminar I, NSC 219 Sophomore Seminar II Sophomore Seminar II, NSC 318 Junior Seminar I Junior Seminar I, NSC 319 Junior Seminar II Junior Seminar II, NSC 419 Senior Seminar II Senior Seminar II, and NSC 429 Senior Seminar I Senior Seminar I may not be used to qualify for a Biology Minor. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.**

Biology minors must also earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|---------------------|-----------|
| Introductory Core | | |
| BIO 143 | Intro to Biology I | 4 |
| BIO 144 | Intro to Biology II | 4 |
| Biology Electives | | |
| Select 10 credit hours of Biology courses above the 100-level | | 10 |
| Total Hours | | 18 |

Chemistry Major

Chemistry majors may take CHE 111 General Chemistry I Laboratory and CHE 131 General Chemistry I, CHE 112 General Chemistry II Laboratory and CHE 132 General Chemistry II, PHY 241 General Physics, and/or PHY 242 General Physics as courses under the Natural Sciences pillar of the Liberal Studies program (including as the six hours students may select from all of the pillars). MTH 231 Calculus I or MTH 232 Calculus II can be counted as meeting the Liberal Core Mathematics requirement.

A Chemistry major is required to take up to 59 credit hours of courses. These courses include 38 credit hours of Chemistry Requirements; 7 credit hours of Seminar Requirements; up to 6 credit hours of Mathematics, which includes 6 credit hours of Prerequisites that may be satisfied by placement; and 8 credit hours Physics Requirements. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.**

Chemistry Honors Degree

Eligibility

- Have an overall GPA of 3.3 or higher
- Have a GPA of 3.3 or higher in all courses required for the major

Requirements

- Participate in a scientific research experience on or off campus
- Make one scientific presentation at an off-campus event or professional meeting or conference
- Complete a Senior Investigative Paper rated at the Honors level by the Department
- Participate in an established Chemistry club and/or scientific honor society.

Upon completing the requirements to the satisfaction of the faculty, a student may graduate with Chemistry Honors or Chemistry High Honors based on the judgment of the Chemistry Faculty.

| Code | Title | Hours |
|---------------------------------|-------------------------------------|-----------|
| Chemistry Requirements | | |
| CHE 111 | General Chemistry I Laboratory | 1 |
| CHE 112 | General Chemistry II Laboratory | 1 |
| CHE 131 ¹ | General Chemistry I | 3 |
| CHE 132 | General Chemistry II | 3 |
| CHE 221 | Laboratory in Organic Chemistry I | 2 |
| CHE 222 | Laboratory in Organic Chemistry II | 2 |
| CHE 231 | Organic Chemistry I | 3 |
| CHE 232 | Organic Chemistry II | 3 |
| CHE 333 | Biochemistry I | 3 |
| CHE 325 | Analytical Chemistry and Instr I | 2 |
| CHE 326 | Analytical Chemistry and Instr II | 2 |
| CHE 335 | Analytical Chemistry and Instr I | 3 |
| CHE 336 | Anal. Chem & Instr. II | 3 |
| CHE 423 | Sel. Experiment in Physical Chem | 2 |
| CHE 424 | Selected Experiment in Phy Chem | 2 |
| CHE 431 | Physical Chemistry I | 3 |
| CHE 432 | Physical Chemistry II | 3 |
| Seminar Requirements | | |
| NSC 218 | Sophomore Seminar I | 1 |
| NSC 219 | Sophomore Seminar II | 1 |
| NSC 318 | Junior Seminar I | 1 |
| NSC 319 | Junior Seminar II | 1 |
| NSC 429 | Senior Seminar I | 2 |
| NSC 419 | Senior Seminar II | 1 |
| Mathematics Requirements | | |
| MTH 231 ² | Calculus I | 3 |
| MTH 232 or MTH 438 | Calculus II | 3 |
| | Biostatistics | |
| Physics Requirements | | |
| Select one of the following: | | 8 |
| PHY 241 & PHY 242 ² | General Physics and General Physics | 3 |
| PHY 243 & PHY 244 ³ | Mechanics and Electrodynamics | 3 |
| Total Hours | | 62 |

¹ Placement in MTH 137 or higher or passing score on departmental placement exam, or approval of department head

² Requires MTH 138 or by placement

³ Requires MTH 231 (for PHY 243) and MTH 232 (for PHY 244)

Chemistry majors must also earn at least a grade of **C** in each course.

Chemistry Minor

A Minor in Chemistry requires a minimum of 18 Credit hours of Chemistry courses that must begin with CHE 111 General Chemistry I Laboratory, CHE 112 General Chemistry II Laboratory, CHE 131 General Chemistry I, and CHE 132 General Chemistry II. Eight credit hours of Physics are also required for the minor. NSC 219 Sophomore Seminar II, NSC 318 Junior Seminar I, NSC 319 Junior Seminar II, NSC 429 Senior Seminar I and NSC 419 Senior Seminar II may not be used to qualify for the Chemistry minor.

Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.

Chemistry minors must also earn at least a grade of **C** in each course counted in the minor.

| Code | Title | Hours |
|---|---------------------------------|-----------|
| Chemistry Requirements | | |
| CHE 111 | General Chemistry I Laboratory | 1 |
| CHE 112 | General Chemistry II Laboratory | 1 |
| CHE 131 ¹ | General Chemistry I | 3 |
| CHE 132 | General Chemistry II | 3 |
| Chemistry courses | | |
| Physics Requirements | | |
| Select eight credit hours of Physics coursework | | 8 |
| Total Hours | | 26 |

¹ Placement in MTH 137 or higher or passing score on departmental placement exam, or approval of department head

Biology and Chemistry Double Major

A Biology and Chemistry double major is required to take between 91 and 95 credit hours of courses. These courses include an 8 credit hour Introductory Biology Core; between 12 and 16 credit hours of Biology core courses, which must include at least one course from the Cell and Molecular Biology, Organismal Biology, and Population Biology categories; a minimum of 9 credit hours, consisting of three BIO or appropriate approved course at or above the 300 level; 7 credit hours of Seminar requirements; 35 credit hours of Chemistry Requirements; up to 9 credit hours of Mathematics, which includes 6 credits hours of Prerequisites that may be satisfied by department; 8 credit hours in Physics requirements; and 3 credit hours of Computer Science requirements. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.**

Biology and Chemistry double majors may take BIO 143 Intro to Biology I, BIO 144 Intro to Biology II, CHE 111 General Chemistry I Laboratory and CHE 131 General Chemistry I, CHE 112 General Chemistry II Laboratory and CHE 132 General Chemistry II, PHY 241 General Physics, and/or PHY 242 General Physics as courses under the Natural Sciences pillar of the liberal studies program (including as the six hours students may select from all of the pillars). MTH 231 Calculus I or MTH 232 Calculus II can be counted as meeting the Core Mathematics requirement.

Biology and Chemistry double majors must also earn at least a grade of **C** in each course.

| Code | Title | Hours |
|------|----------------------------------|-------|
| | Introduction Biology Core | |

| | | |
|--|-------------------------------------|--------------|
| BIO 143 | Intro to Biology I | 4 |
| BIO 144 | Intro to Biology II: | 4 |
| Biology Core | | |
| Students will select one course from each of the following categories: | | 12-16 |
| Cell and Molecular Biology | | |
| BIO 241 | Cell Biology | |
| BIO 336 | Introduction to Bioinformatics | |
| Organismal Biology | | |
| BIO 245 | Human Anatomy and Physiology II | |
| BIO 249 | Human Anatomy and Physiology I | |
| BIO 247 | Zoology | |
| BIO 248 | Botany | |
| BIO 340 | Integrated Physiology | |
| Population Biology | | |
| BIO 242 | Ecology | |
| BIO 247 | Zoology | |
| BIO 248 | Botany | |
| Advanced Biology Requirement | | 9 |
| Biology majors must complete nine credit hours at or above the 300level, chosen in consultation with an advisor that are not used to satisfy other major requirements. These courses may include non-BIO courses if approved by the advisor. | | |
| Chemistry Requirements | | |
| Select 35 hours of Chemistry Requirements: | | 35 |
| CHE 111 | General Chemistry I Laboratory | |
| CHE 112 | General Chemistry II Laboratory | |
| CHE 131 | General Chemistry I | |
| CHE 132 | General Chemistry II | |
| CHE 221 | Laboratory in Organic Chemistry I | |
| CHE 222 | Laboratory in Organic Chemistry II | |
| CHE 231 | Organic Chemistry I | |
| CHE 232 | Organic Chemistry II | |
| CHE 333 | Biochemistry I | |
| CHE 325 | Analytical Chemistry and Instr I | |
| CHE 326 | Analytical Chemistry and Inst II | |
| CHE 335 | Analytical Chemistry and Instr I | |
| CHE 336 | Anal. Chem & Inst. II | |
| CHE 423 | Sel. Experiment in Physical Chem. | |
| CHE 424 | Selected Experiment in Phy Chem | |
| CHE 411 | Select Experiments in Physical Chem | |
| CHE 412 | Select Exper in Physical Chemistry | |
| CHE 431 | Physical Chemistry I | |
| CHE 432 | Physical Chemistry II | |
| Seminar Requirements | | |
| NSC 218 | Sophomore Seminar I | 1 |
| NSC 219 | Sophomore Seminar II | 1 |
| NSC 318 | Junior Seminar I | 1 |
| NSC 319 | Junior Seminar II | 1 |
| NSC 429 | Senior Seminar I | 2 |
| NSC 419 | Senior Seminar II | 1 |
| Mathematics Requirements | | |
| MTH 231 | Calculus I | 3 |
| MTH 232 or MTH 438 | Calculus II Biostatistics | 3 |
| Physics Requirements | | |
| Select one of the following: | | 8 |
| PHY 241& PHY 242 | General Physics and General Physics | |
| PHY 243& PHY 244 | Mechanics and Electrodynamics | |
| Computer Science Requirement | | |
| Any Computer Science course above the CSC 131 Computers in Society level | | 3 |
| Total Hours | | 88-92 |

Psychology Major

A Psychology major is required to take 47 credit hours of courses to complete their major. These courses consist of a Required Core of 22 credit hours, a Mathematics Requirement of 3 credit hours (which may be satisfied as a part of the General Education requirements), a 4-credit hour Biology Requirement (which may be satisfied as a part of the General Education requirements), and 18 hours from the cafeteria

categories (one course from each category and two additional courses from any category). Other courses may be deemed Psychology electives with the approval of the Psychology Coordinator and Department Chair. A minimum of 122 is required for graduation.

Psychology majors must also complete the following coursework and earn at least a grade of **C** in each course.

| Code | Title | Hours |
|---|---|-----------|
| Required Core | | |
| All majors must take the following seven courses. | | |
| PSY 131 | General Psychology I | 3 |
| PSY 132 | Research Psychology | 3 |
| PSY 233 | Descriptive & Predictive Statistics | 3 |
| PSY 234 | Inferential Statistics | 3 |
| PSY 340 | Experimental Research Methods | 4 |
| PSY 430 | Senior Seminar I | 3 |
| PSY 437 | Senior Seminar II | 3 |
| Mathematics Requirement | | |
| MTH 131 | College Algebra (or Higher) | 3 |
| Biology Requirement | | |
| BIO 143 | Intro to Biology I | 4 |
| Cafeteria Categories | | |
| Select one course (3.00 credit hours) from each of the following categories and two additional courses (six credit hours) that can be from any category for a total of 18 credit hours: | | 18 |
| Category 1: Clinical and Health Psychology | | |
| PSY 231 | Psychology of Adjustment | 3 |
| PSY 332 | Health Psychology | 3 |
| PSY 392 | Physiological Psychology | 3 |
| PSY 432 | Abnormal Psychology | 3 |
| PSY 434 | Introduction to Clinical Psychology | 3 |
| CSC/BIO 336 | Introduction to Bioinformatics | 3 |
| Category 2: Applied Psychology | | |
| PSY 334 | Quantitative & Qualitative Resch Me | 3 |
| PSY 336 | Consumer Behavior | 3 |
| PSY 337 | Industrial/Organizational Psychology | 3 |
| PSY 339 | Principle Psychological Measurement | 3 |
| PSY 435 | Theoretical Psychology | 3 |
| Category 3: Developmental and Educational Psychology | | |
| PSY 230 | Psychology of the Exceptional | 3 |
| PSY 235 | Psychology of Childhood | 3 |
| PSY 237 | Psychology of Adolescence | 3 |
| PSY 239 | Educational Psychology | 3 |
| PSY 240 | Lifespan Development | 3 |
| PSY 330 | Psychology of Learning | 3 |
| Category 4: Sociocultural and Personality Psychology | | |
| PSY 331 | Black Psychology | 3 |
| PSY 338 | Personality Theory | 3 |
| PSY 390 | Women Race and Class | 3 |
| PSY 431 | Social Psychology | 3 |
| Additional Psychology Electives (Optional)3 | | |
| PSY 315 - PSY335 | Special Topics in Psychology ¹ | 3 |
| PSY 433 | Internship in Psychology | 3 |
| PSY 416 - PSY436 | Independent Research in Psychology | 3 |
| Total Hours | | 47 |

¹Can be used to meet the six additional hours of psychology courses.

Psychology Minor

A Psychology minor is a flexible program open to all majors. The minor consists of 18 credit hours consisting of six credit hours of a Required Core, six credit hours of Psychology Electives, and six additional Psychology courses. Other courses may be deemed Psychology electives with the approval of the Psychology Coordinator and Department Chair.

The student must earn a grade of C better in all minor courses.

| Code | Title | Hours |
|--|-------------------------------------|-----------|
| Required Core | | |
| PSY 131 | General Psychology I | 3 |
| PSY 132 | Research Psychology | 3 |
| Psychology Electives | | |
| Select six hours from the following: | | 6 |
| PSY 233 | Descriptive & Predictive Statistics | |
| PSY 330 | Psychology of Learning | |
| PSY 340 | Experimental Research Methods | |
| PSY 338 | Personality Theory | |
| PSY 392 | Physiological Psychology | |
| PSY 435 | Theoretical Psychology | |
| Additional Psychology Courses | | |
| Select six additional hours of Psychology coursework | | 6 |
| Total Hours | | 18 |

Sustainability Minor

The Sustainability minor is a flexible program open to all majors. Students will be exposed to various concepts of sustainability and modern sustainable practices that can be used to address current issues affecting society, organizations, and the world. The Minor requires 18 credit hours distributed as follows: 6 hours of core courses and 12 hours of restricted electives selected from the following themes:

1. Earth, Climate and Environmental Systems Technology
2. Business and Economic Development
3. Policy Analysis and Political Systems
4. Human Health, Societies and Social Systems

No more than 6 credit hours from any one theme may be applied towards the minor. The core sequence includes SUS 230 Principles of Sustainability and SUS 231 Advanced Sustainability.

To earn the Minor in Sustainability, students must earn a grade of C or better in all courses counting toward the minor.

| Code | Title | Hours |
|---|--------------------------------------|-------|
| Core Requirements | | |
| SUS 230 | Principles of Sustainability | 3 |
| SUS 231 | Advanced Sustainability | 3 |
| Themes | | |
| Select 12 hours of restricted electives from the following themes. No more than six credit hours from any one theme may be applied towards the minor. | | 12 |
| Earth, Climate and Environmental Systems | | |
| BIO 143 | Intro to Biology I | 4 |
| BIO 144 | Intro to Biology II: | 4 |
| BIO 242 | Ecology | 3 |
| CHE 131 | General Chemistry I | 3 |
| CHE 132 | General Chemistry II | 3 |
| CHE 335/325 | Analytical Chemistry and Instr I | 3 |
| NSC 220 | Introduction to Lab Research/Instru | 3 |
| ECO 438 | Environmental Economics | 3 |
| Technology, Business and Economic Development | | |
| ACC 230 | Accounting for Non-Business Majors | 3 |
| BUS 100 | Introduction to Business | 3 |
| BUS 233 | Business Statistics | 3 |
| BUS 433 | Business and Economic Research | 3 |
| COM 240 | Business Writing | 3 |
| COM 432 | Intercultural Communication | 3 |
| CSE 138 | Intro Computer Science & Engineering | 3 |
| CSC 230 | Introduction to Programming | 3 |

| | | |
|---|---|-----------|
| CSC 231 | Computer Programming I | 3 |
| CSC 232 | Computer Programming II | 3 |
| CSC 238 | Introduction to Information Security | 3 |
| ECO 230 | Economics for Non-Bus and Eco Major | 3 |
| ECO 231 | Principles of Macroeconomics | 3 |
| ECO 232 | Principle of Microeconomics | 3 |
| ECO 332 | Urban & Regional Economics | 3 |
| ECO 334 | Interna Economics & Social Problems | 3 |
| ECO 432 | Economic Development | 3 |
| ECO 438 | Environmental Economics | 3 |
| MGT 333 | Principles of Management | 3 |
| MGT 335 | Leadership & Organizational Change | 3 |
| MGT 339 | Small Business Management | 3 |
| MGT 436 | Organizational Behavior and Design | 3 |
| MGT 438 | International Business | 3 |
| MKT 331 | Principles of Marketing | 3 |
| MKT 350 | Consumer Behavior | 3 |
| MKT 431 | Supply Chain Management | 3 |
| MKT 435 | International Marketing | 3 |
| Policy Analysis and Political Systems | | |
| POL 100 | Introduction to Political Science | 3 |
| POL 131 | American Government | 3 |
| POL 230 | Intro to Political Analysis | 3 |
| POL 331 | Law and Politics (Offered in alternate years) | 3 |
| POL 332 | Third World Politics (Offered in alternate years) | 3 |
| POL 333 | Comparative Political Systems (Spring Semester Only) | 3 |
| POL 334 | International Relations (Fall Semester Only) | 3 |
| POL 335 | Political Theory (Offered in alternate years) | 3 |
| POL 431 | Policy Analysis | 3 |
| POL 433 | International Organization (Offered in alternate years) | 3 |
| POL 435 | Civil Rights & Civil Liberties (Offered in alternate years) | 3 |
| POL 436 | Bureaucracy and Organizational Beh (Offered in alternate years) | 3 |
| POL 437 | Foreign Policy | 3 |
| GEO 131 | Introduction to Geography | 3 |
| Human Health, Societies and Social Systems | | |
| COM 256 | Health Communication Course | 3 |
| CSC 336 | Introduction to Bioinformatics | 3 |
| CSC/BIO 433 | Explorations in Genomics /Bioinformatics | 3 |
| CRM 230 | Crime and Society | 3 |
| HED 231 | Health and Nutrition | 3 |
| HED 232 | Human Sexuality and Family Living | 3 |
| HED 233 | Community Health | 3 |
| HED 334 | Program Planning and Evaluation | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| HED 337 | Environmental Health | 3 |
| HED 435 | Epidemiology | 3 |
| HED 437 | Applications in Health Communication | 3 |
| HED 438 | Social & Behavioral Aspects of Global Health | 3 |
| PSY 337 | Industrial/Organizational Psychology | 3 |
| PSY 431 | Social Psychology | 3 |
| SWK 239 | Introduction to Social Work | 3 |
| SWK 336 | Human Behavior and the Social Environment | 3 |
| SWK 431 | Social Work Research Methods | 3 |
| SWK 435 | Social Work Direct Practice III: Social Work with Groups | 3 |
| SWK 437 | Community Organization | 3 |
| SOC 131 | Principles of Sociology | 3 |
| SOC 238 | Social Problems | 3 |
| Total Hours | | 18 |

Strategic Enrollment & Retention Management Division (SERM)

Strategic Enrollment & Retention Management Division (SERM) is dedicated to the instruction and academic achievement of first- and second-year students. The college is home to all University students who are undecided or undeclared on a major degree program of study. The college includes an academic division for the organization of the Foundations Liberal Studies faculty; an administrative division for the

management of student academic achievement and support programs and services; and the Biddle Institute, which provides intrusive academic and support services to students admitted using Non-cognitive and Metacognitive criteria and manages the University's comprehensive research on these topics.

- Biddle Institute
- First-Year Experience

Biddle Institute

The Biddle Institute is composed of freshmen whose admissions profile denotes non-cognitive indicators for college success. The Institute provides intrusive academic support and conducts Strength Awareness Training for its students, while also connecting in-classroom learning to out-of-class experiences. The Biddle Institute has three components, the Biddle Freshman Program (BFP), the Sit Lux Scholars Initiative, and the Center for the Study of Metacognitive Variables (CMV) research think-tank.

Biddle Freshman Program (BFP)

The Biddle Freshman Program (BFP) is generally a two-semester program for freshmen students who receive enhanced support to ensure successful matriculation. The JCSU Office for Admissions considers a student's SAT/ACT scores, high school GPA, and non-cognitive indicators (such as commitment and engagement) when determining a student's eligibility to participate in the program.

BFP students participate in academic advising through the Biddle Institute. BFP students are strongly encouraged to participate in the mentoring and tutoring components, which may be mandated based on academic performance.

BFP participants are limited to a maximum number of credit hours during their enrollment in the program. Typical BFP students take 12-13 credit hours, or up to 18 termed course credit hours, drawn from required courses of the Liberal Studies curriculum. Credit hours are limited during the student's enrollment to increase the likelihood of academic success. A BFP student may petition to enroll in up to fifteen credits per semester based on placement assessments. Choir and band students are approved to add those classes associated with these activities as necessary.

- The BFP student entering the university with a career/cumulative high school GPA below 2.0 must enroll in the Bridge to Biddle Pre-Semester Session held before the semester classes begin.
- During the Pre-Semester Session, BFP students must successfully complete the enrolled 4-6 credit hours. Failure to attend and successfully complete all Pre-Semester Session activities, as well as failure to obtain a passing grade of a "C" or better in each of the enrolled Pre-Semester Session courses, may result in dismissal from the University.
- The BFP student delays declaration of a major until earning a 2.5 career/cumulative GPA after the first semester or earning a 2.0 career/cumulative GPA after the second semester.
- After the BFP student has earned a 2.0 career/cumulative GPA or better at the end of the second semester, the student

is released from the Biddle Institute Guidelines. A released student may declare a major and is subject to the University's Undergraduate Academic Standards Scale.

- A BFP participant who fails to obtain a 1.8 career/cumulative GPA or greater at the end of the second semester will be dismissed from the University.
- A BFP participant who earns a career/cumulative GPA of more than 1.8, but less than a 2.0 at the end of two semesters will be allowed to continue in the Biddle Freshman Program for a third semester.
- After the third semester, a BFP student who earns a 2.0 career/cumulative GPA or better will be released from the Biddle Institute Guidelines and is subject to the University's Undergraduate Academic Standards Scale. The student may declare a major.
- After the third semester, a BFP student who fails to earn a 2.0 career/cumulative GPA will be dismissed from the university.
- Academic dismissal from the Biddle Freshman Program is not subject to appeal.
- A dismissed BFP student may not enroll in subsequent matriculating terms of the University (unless otherwise permitted by the University Administrator). A BFP student dismissed following the fall or spring semester may petition to enroll in summer school. A BFP student dismissed following the fall or spring semester may petition for reinstatement after building the career/cumulative GPA to 2.0 in summer school.
- A BFP student dismissed immediately following the Bridge to Biddle Pre-Semester Session may not enroll in subsequent matriculating terms of the University or summer school (unless otherwise permitted by the University Administrator). A BFP student dismissed immediately following the Bridge to Biddle Pre-Semester Session may petition to enroll in a subsequent Bridge to Biddle Pre-Semester Session, if the dismissed BFP student has not enrolled in another post-secondary institution during the dismissal period. A BFP student dismissed immediately following the Bridge to Biddle Pre-Semester Session for a second time will be ineligible to participate in a Biddle Institute program.

Sit Lux Scholars Initiative

The Sit Lux Scholars Program is designed to be a two-semester initiative and serves first-time freshmen admitted to the University based solely on non-cognitive and metacognitive factors. The program mirrors components of the BFP and is distinguished by its required academic support programming, which includes bridge experience to the Fall semester, on-campus residence, academic advising, academic tutoring, and peer mentoring. This group of students receive enhanced academic support and assistance and is assigned to intrusive advisors who work very closely with classroom instructors. Sit Lux Scholars also participate in co-curricular activities and are expected to meet specific academic goals during their freshman year at the University. Failure to meet these goals will result in dismissal from the University.

- Sit Lux Scholars are required to enroll in the JCSU Bridge to Biddle Pre-Semester Session, held before the semester

classes begin.

- During the Pre-Semester Session, Sit Lux students must successfully complete the enrolled 4-6 credit hours. Failure to attend and successfully complete all Pre-Semester Session activities, as well as failure to obtain a passing grade of a "C" or better in each of the enrolled Pre-Semester Session courses, may result in dismissal from the University.
- Sit Lux Scholars take a limited number of credit hours during enrollment in the program. Typical Sit Lux Scholars take 12-13 semester credit hours, or up to 18 termed course credit hours, drawn from required courses of the Liberal Studies curriculum. Choir and band students are approved to add those classes associated with these activities as necessary.
- Sit Lux Scholars delay declaration of a major until earning a 2.5 career/cumulative GPA after the first semester or earning a 2.0 career/cumulative GPA after the second semester.
- After the Sit Lux student has earned a 2.5 career/cumulative GPA or better at the end of the first semester and has not withdrawn from any courses, the student may enroll into 15 credit hours in the second semester.
- After a Sit Lux Scholar has earned a 2.0 career/cumulative GPA or better at the end of the second semester, the student is released from the Biddle Institute Guidelines/Sit Lux Contract and is subject to the University's Undergraduate Academic Standards Scale. The student may declare a major.
- A Sit Lux Scholar who fails to obtain a 1.8 career/cumulative GPA or greater after two semesters will be dismissed from the University.
- A Sit Lux Scholar who earns a career/cumulative GPA of more than 1.8, but less than 2.0 at the end of two semesters will continue in the Sit Lux Scholars Program for a third semester.
- After the third semester, a Sit Lux Scholar who fails to obtain a 2.0 career/cumulative GPA or greater will be dismissed from the University.
- Sit Lux Scholars who fail to comply with the Biddle Institute Guidelines/Sit Lux Contract obligations may be dismissed from the University.
- Dismissal from the Sit Lux Scholars Program is not subject to appeal.
- A Sit Lux Scholar dismissed following the fall or spring semester may not enroll in subsequent matriculating terms of the University (unless otherwise permitted by the University Administrator). A Sit Lux Scholar dismissed following the fall or spring semester may petition to enroll in summer school. A Sit Lux Scholar dismissed following the fall or spring semester may petition for reinstatement after building the career/cumulative GPA to 2.0.
- A Sit Lux Scholar dismissed immediately following the Bridge to Biddle Pre-Semester Session may not enroll in subsequent matriculating terms of the University or summer school (unless otherwise permitted by the University Administrator). A Sit Lux Scholar dismissed immediately following the Bridge to Biddle Pre-Semester Session may petition to enroll in a subsequent

Bridge to Biddle Pre-Semester Session, if the dismissed Sit Lux Scholar does not enroll in another post-secondary institution during the dismissal period. A Sit Lux Scholar dismissed immediately following the Bridge to Biddle Pre-Semester Session for a second time will be ineligible to participate in a Biddle Institute program.

First-Year Experience

The First-Year Experience division is responsible for students' successful transition to the University, enrichment of academic skills, and career development. The division coordinates orientation and retention programs, academic support services, and professional programs. While the orientation programs serve students who are entering the institution, the academic achievement support and professional development programs target all students at the University. In addition, the division manages The Hub, which is an academic achievement and support resource that houses Student Support Services (SSS), STEM Resource Center, the Center for Languages, Rhetoric & Culture (LRC), Career Services, and Nationally Competitive Scholarships.

Student Support Services (SSS)

Student Support Services (SSS) is designed to provide opportunities for academic development, assist students with basic college requirements, and motivate students toward the successful completion of their post-secondary education. SSS also provides grant aid to current participants who are receiving federal Pell Grants. The goal of SSS is to increase the college retention and graduation rates and foster an institutional climate supportive of the success of students who have limited proficiency in English, students from groups that are traditionally underrepresented in post-secondary education, students with disabilities, students who are

homeless youths, students who are in foster care or aging out of it, or who are otherwise disconnected.

Services provided by the SSS program include:

- Academic tutoring to enable students to complete post-secondary courses, which may include instruction in reading, writing, study skills, mathematics, science, and other subjects;
- Advice and assistance in post-secondary course selection;
- Providing students with information on both the full range of federal student financial aid programs and benefits (including federal Pell Grant awards and loan forgiveness) and resources for locating public and private scholarships;
- Assistance in completing financial aid applications, including the Free Application for Federal Student Aid (FAFSA);
- Education or counseling services designed to improve the financial and economic literacy of students, including financial planning for post-secondary education; and
- Activities designed to assist students in applying for admission to graduate and professional school programs and in obtaining financial assistance to attend.

SSS also provides individualized counseling for personal, career, and

academic information, activities, and instruction designed to acquaint students with career options; exposure to cultural events and academic programs; and breaks, attending to students who are homeless or who are in foster care or aging out it.

A student is eligible to participate in the SSS program if he or she:

- Is a citizen or national of the United States or meets the residency requirements for federal financial assistance
- Is enrolled in the institution or accepted for enrollment in the next academic term
- Has a need for academic support
- Is a low-income individual
- Is a first-generation college student (i.e. neither parent has received a baccalaureate degree)
- Is disabled.

To receive services, interested students should contact the SSS Office to request and complete an SSS Information Data Form and Individual

Student Development Plan and then set up a conference with the Director, Tutorial Coordinator, or Disability Services Coordinator.

The College of Business and Professional Studies

The College of Business and Professional Studies prepares students to enter professional life as informed citizens who can communicate effectively, think critically, and demonstrate competence in their field of study. The College offers programs that combine Liberal Studies coursework with specialized career-oriented training to prepare students for entry-level positions in government and industry immediately upon graduation. Additionally, students are provided opportunities to sharpen their analytical skills and to further develop leadership and interpersonal skills essential to professional career success.

The College of Professional Studies is comprised of the Departments of Business Administration, the Department of Health and Human Performance, and Department of Social Work. Students may earn a Bachelor of Arts, Bachelor of Science, a Bachelor of Social Work, or a Master of Social Work.

Majors

- Business Administration Major
- Public Health Major
- Social Work Major
- Sport Management Major

Minors

- Entrepreneurial Studies Minor
- ESport and Gaming Management Minor

- Exercise and Sport Science Minor
- Fitness and Wellness Management Minor
- Health Administration Minor
- Health Communication Minor
- Maternal Health Minor
- Physical Education Minor
- Public Health Minor
- School Health Minor
- Sport Management Minor
- Sports Coaching Minor
- Sports Medicine Minor

Graduate Programs

- Advanced Standing Master in Social Work
- Two-Year Master in Social Work

Business Administration

The Department of Business Administration offers the following business degrees:

- The Bachelor of Science in Business Administration with concentrations in Accounting, Finance, International Business, Management, Management Information Systems, Marketing, and Retail Management

The mission of the Department of Business Administration is to provide an interactive and rigorous learning experience that will produce socially conscious graduates who are prepared to pursue advanced study and/or compete effectively in the changing global economy.

A major in Business Administration consists of 61-70 program credit hours. In addition, all students must take 46 Credit Hours of Liberal Studies courses, and at least 6-15 electives hours. A minimum of 122 credit hours is required for graduation.

Students must comply with all University requirements for graduation, including the General Education requirements, and Senior Paper. The student must earn at least a grade of C in the required courses for the Major and their Prerequisites.

In addition to the Liberal Studies requirements, each student is expected to complete 46 hours of Business core courses, including one three-hour international course offered by the Business Department. All Business Administration must complete the Business Administration core sequence. Caveat Statement: The Math requirements may change based on the students' Math Placement results. Consult with the departmental advisors for further information.

Business Administration Honors Program

Eligibility

Sophomores and Juniors with a cumulative GPA of 3.4 or above are

eligible to apply for the Honors Program. Students must maintain a GPA of 3.4 or above to remain in the program.

Requirements

Higher Level Math Requirement

In addition, Honors students are required to take one additional math class above the required six hours (excluding MTH 133 Survey of Practical Application of Math and MTH 136 Introductory Statistics). Students may elect to take MTH 137 Precalculus I or higher.

Honors Academic Enhancement Requirement

In addition to their coursework, students hoping to graduate with Honors in Business Administration must successfully complete **three of the six strands** of the Business Administration Honors Academic Enhancement Program. The six strands of the Business Administration Honors Academic Enhancement Programs are:

- **Corporate Connectivity:** Students must attend at least 4 corporate events per academic year sponsored by the Department of Business Administration, College of Business and Professional Studies, and/or Smith Institute for Research, Career Development, & Postgraduate Readiness (Career Services).
- **Honor Society Participation:** Students must join, maintain good standing and actively participate in Delta Mu Delta Business Honor Society.
- **Global Perspectives:** Students must participate in at least one program that includes travel either abroad or domestically (NY Markets trip, CIBER Case Competition, China Cultural Center Exchange program, etc.)
- **Volunteer/Service:** Students must complete 80 hours of community or campus volunteer service. This may include participation in activities such as volunteering to serve during events such as the M&F Bank Small Business Conference, held in the New Science Center, or working on an ongoing, volunteer basis with a non-profit entity such as the Thurgood Marshall Fund or the local Food Bank.
- **Undergraduate Research:** Students actively participate in research in collaboration with faculty (across the campus). The research must produce either a publishable article, poster, or presentation.
- **Leadership Development:** Students actively participate in student leadership on campus. This could be in the form of starting or serving as an officer of a club on campus or participating in GBAC or other elected office.

Faculty

Barbara Atanga (2024)
Assistant Professor of Marketing
Department of Business Administration

Lucinda Blue (2014)
Associate Professor of Management
Department of Business Administration

Mohammad Hassan (2023)
Associate Professor of Finance
Department of Business Administration

Moulare Kesse (2025)
Instructor of International Business and Management
Department of Business Administration

Queenia Jenkins (2024)
Assistant Professor of Accounting
Department of Business Administration

Maureen Leary (2017)
Chair, Department of Business Administration
Associate Professor of Accounting

Abdullah Al Masum (2023)
Assistant Professor of Finance
Department of Business Administration

Nayyer Naseem (2023)
Assistant Professor of Marketing
Department of Business Administration

Alphonso Ogbuehi (2023)
Dean, College of Business and Professional Studies
Professor of Marketing
Department of Business Administration

Bryan Patterson (2012)
Assistant Professor of Management
Department of Business Administration

Yuqi Wang (2024)
Assistant Professor of Marketing
Department of Business Administration

Majors

- Business Administration Major

Minors

- Business Administration Minor
- Entrepreneurial Studies Minor
- Public Leadership Minor

Business Administration Major

A Business Administration major is required to take 46 credit hours of courses. These courses consist of a Required Core of 43 credit hours and 3-credit hours of International Business. In addition, Business Administration majors must take a concentration in Accounting (21 credit hours), Finance (18 credit hours), International Business (24 credit hours), Management (15 credit hours), Management Information Systems (21 credit hours), Marketing (18 hours), or Retail Management (18 hours). Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course

Prerequisites are described in the course descriptions. Business Administration majors must also complete the following coursework and earn at least a grade of C in each course. A minimum of 120 is required for graduation.

| Code | Title | Hours |
|--|---|--------------|
| Required Core¹ | | |
| ACC 235 | Financial & Managerial Account I | 3 |
| ACC 236 | Financial and Managerial Account II | 3 |
| BAF 330 | Business Finance | 3 |
| BUS 233 | Business Statistics | 3 |
| BUS 234 | Quant Meth in Business | 3 |
| BUS 336 | Elements of Business Law | 3 |
| BUS 339 | Management Information Systems | 3 |
| BUS 410 | Professional Presentation | 3 |
| BUS 450 | Research and Case Analysis | 3 |
| BUS 455 | Business Policy: Senior Investigative Paper | 3 |
| ECO 231 | Principles of Macroeconomics | 3 |
| ECO 232 | Principle of Microeconomics | 3 |
| MGT 333 | Principles of Management | 3 |
| MGT 336 | Business Communication | 3 |
| MKT 331 | Principles of Marketing | 3 |
| International Business Electives | | |
| <i>Select one course from the following:</i> | | |
| BAF 334 | International Finance | 3 |
| ECO 334 | Intern Economics & Social Problems | |
| MGT 438 | International Business | |
| Concentration | | |
| <i>Select one of the following concentrations:</i> | | |
| Accounting | | 15-21 |
| Finance | | |
| International Business | | |
| Management | | |
| Management Information Systems | | |
| Marketing | | |
| Retail Management | | |
| Total Hours | | 61-67 |

¹MTH 132 Finite Math or higher is a prerequisite for all Business Administration and Economic core courses, excluding MTH 133 and MTH 136.

Accounting Concentration

| Code | Title | Hours |
|--------------------|--------------------------------------|-----------|
| ACC 335 | Intermediate Financial Accounting I | 3 |
| ACC 336 | Intermediate Financial Accounting II | 3 |
| ACC 339 | Cost Accounting | 3 |
| ACC 435 | Advanced Accounting | 3 |
| ACC 437 | Federal Income Tax Analysis I | 3 |
| ACC 439 | Auditing | 3 |
| ACC 431 | Accounting Information Systems | 3 |
| Total Hours | | 21 |

Note: Students planning to concentrate in accounting should register for ACC 235 in the Fall Semester of their sophomore year to maintain proper sequencing in their accounting courses. Failure to do so may require more than four years to complete the course requirements.

Finance Concentration

| Code | Title | Hours |
|------------------------------|---|-------|
| BAF 331 | Money and Banking | 3 |
| BAF 430 | Corporate Finance | 3 |
| BAF 431 | Investments | 3 |
| BAF 432 | Financial Institutions and Markets | 3 |
| Select one of the following: | | 3 |
| BAF 334 | Money and Banking | |
| ECO 334 | International Economics & Social Problems | |
| Select one of the following: | | 3 |
| ACC 335 | Intermediate Financial Accounting I | |
| BAF 339 | Risk Management and Financial Planning | |
| BAF 332 | Commercial Bank Management | |

| | | |
|--------------------|------------------------------|-----------|
| BAF 333 | Financial Statement Analysis | |
| Total Hours | | 18 |

International Business Concentration

| Code | Title | Hours |
|--|---|-----------|
| BAF 334 | International Finance | 3 |
| ECO 334 | International Economics and Social Problems | 3 |
| MKT 435 | International Marketing | 3 |
| Select one Intermediate Foreign Language I ¹ | | 3 |
| SPA 231 | Intermediate Spanish I | |
| FRE 231 | Intermediate French I | |
| CHI 231 | Intermediate Chinese I | |
| Select one Intermediate Foreign Language II ² | | 3 |
| SPA 232 | Intermediate Spanish II | |
| FRE 232 | Intermediate French II | |
| CHI 232 | Intermediate Chinese II | |
| Select one Advanced Foreign Language II ³ | | 3 |
| SPA 331 | Advanced Spanish Composition and Grammar | |
| FRE 333 | Advanced French Conversation, Grammar and Composition | |
| CHI Advanced | | |
| Total Hours | | 18 |

¹ The equivalent of JCSU's 231 language courses.

² The equivalent of JCSU's 232 language courses.

³ The equivalent of JCSU's 333 language courses.

Note: The foreign language courses taken to satisfy the requirements of the international

Business concentration may be applied to the completion of a language major or minor.

Management Concentration

| Code | Title | Hours |
|--------------------|--------------------------------------|-----------|
| MGT 334 | Human Resources Management | 3 |
| MGT 335 | Leadership and Organizational Change | 3 |
| MGT 339 | Small Business Management | 3 |
| MGT 436 | Organizational Behavior and Design | 3 |
| MGT 440 | Total Quality Management | 3 |
| Total Hours | | 15 |

Management Information Systems Concentration

| Code | Title | Hours |
|--------------------|--|-----------|
| CSC 231 | Computer Programming I | 3 |
| CSC 233 | Introduction To Discrete Structures | 3 |
| CSC 330 | System Analysis and Design | 3 |
| CSC 332 | Computer Networking | 3 |
| CSC 333 | Computer Organization and Architecture | 3 |
| CSC 334 | Introduction To Operating Systems | 3 |
| MTH 231 | Calculus I | 3 |
| Total Hours | | 21 |

Marketing Concentration

| Code | Title | Hours |
|------------------------------------|-------------------------|-----------|
| MKT 334 | Principles of Retailing | 3 |
| MKT 335 | Fundamentals of Selling | 3 |
| MKT 432 | Managerial Marketing | 3 |
| Select three (3) of the following: | | 9 |
| MKT 332 | Advertising | |
| MKT 350 | Consumer Behavior | |
| MKT 355 | Digital Marketing | |
| MKT 435 | International Marketing | |
| Total Hours | | 18 |

Retail Management Concentration

| Code | Title | Hours |
|----------------------------------|---------------------------------|-----------|
| MKT 334 | Principles of Retailing | 3 |
| MKT 335 | Fundamentals of Selling | 3 |
| MKT 336 | Retail Buying and Merchandising | 3 |
| MKT 355 | Digital Marketing | 3 |
| Select two (2) of the following: | | 6 |
| MKT 350 | Consumer Behavior | |
| MKT 431 | Supply Chain Management | |
| MKT 435 | International Marketing | |
| Total Hours | | 18 |

Business Administration Minor

The Business Administration minor is required to take 21 credit hours as outlined below. Students must earn a grade of C or better in each course. Students who declare a Business Administration major cannot be a Business Administration minor.

| Code | Title | Credit Hours |
|--------------------|-------------------------------------|--------------|
| MGT 333 | Principles of Management | 3 |
| ACC 235 | Financial and Managerial Accounting | 3 |
| ECO 231 | Principles of Macroeconomics | 3 |
| MKT 331 | Principles of Marketing | 3 |
| MGT 438 | International Business | 3 |
| BAF 330 | Business Finance | 3 |
| BUS 480 | Business Analytics | 3 |
| Total Hours | | 21 |

Entrepreneurial Studies Minor Curriculum

A minor in Entrepreneurial Studies consists of a minimum of 21 Credit Hours. Minors in Entrepreneurial Studies must earn a grade of C or better in all courses counting toward the minor.

| Code | Title | Hours |
|---|-------------------------------------|-----------|
| ENT 131 | Introduction to Entrepreneurship | 3 |
| ENT 335 | Entrepreneurship Marketing | 3 |
| ACC 235 | Financial & Managerial Accounting I | 3 |
| ENT 330 | Innovative Thinking | 3 |
| ENT 334 | Funding Your Business Venture | 3 |
| ENT 331 | Business Innovations | 3 |
| Select one elective from the following: | | 3 |
| BUS 233 | Business Statistics | |
| BUS 336 | Elements of Business Law | |
| ACC 334 | Not-For-Profit Accounting | |
| MKT 334 | Principles of Retailing | |
| MKT 335 | Fundamentals of Selling | |
| PLS 234 | Personal Branding | |
| ENT 490 | Special Topics | |
| Total Hours | | 21 |

Health and Human Performance

The Department of Health and Human Performance offers programs that lead to a Bachelor of Science Degree in Public Health or Sport Management. The Department seeks to

accomplish the following goals: to prepare students for careers in health promotion, public health, sport management, and related areas and to prepare students for further study in their selected fields.

The Department houses Health and Physical Education courses that meet requirements in the Liberal Studies Program or as general electives. Students in other departments may satisfy the Health and Physical Education Foundation Requirement by satisfactorily completing HED 132 (Personal Health and Wellness), PED 136 (Physical Fitness and Wellness), PED 131 (Aerobic Fitness), or PED 138 (Yoga: Union of Mind and Body).

Note: PED 026 Adapted Physical Education is an adaptive physical activity course for students with a temporary or permanent disability. Enrollment in the course is contingent upon permission from a physician and/or the inability of the student to participate in the regular activity courses.

All Public Health majors must take BIO 143 Intro to Biology I. All Sport Medicine minors must take BIO 143 Intro to Biology I.

Any Major or non-Major student will have an opportunity to earn certificates by completing one or more courses offered by the Department. Currently, American Red Cross certifications are available in First Aid, AED, and CPR.

A major in Public Health consists of 59 program credit hours. In addition, all students must take 46 Credit Hours of Liberal Studies courses, and at least 6 elective hours. A minimum of 122 is required for graduation.

A major in Sport Management consists of 54 program credit hours. In addition, all students must take 46 Credit Hours of Liberal Studies courses, and at least 6 elective hours. A minimum of 122 is required for graduation.

Students must comply with University requirements for graduation, including the General Education requirements, Senior Paper, and senior level proficiency exam. Students must earn at least a grade of C in the required courses for the major and their *Prerequisites*.

The Honors Program

Honor students in the Department of Health and Human Performance will be provided with enriching experiences that foster their academic growth. These students will be granted numerous opportunities to engage in a variety of activities, both on and off-campus, that will enhance their professional and intellectual development. Opportunities for engagement may include collaborative activities with faculty members in the Department and other professionals within the health, physical education, and sport management fields. The following are requirements for Honor students in the Department:

Eligibility

- Must possess a 3.0 Grade Point Average
- Must obtain and maintain membership in Phi Epsilon Kappa Fraternity

Requirements

- Must participate in the Department's student major organization
- Must obtain and maintain membership in a professional organization of his or her choice
- Must attend at least one approved conference for a professional organization in his or her discipline
- Must participate in collaborative opportunities offered by the Department, including workshop presentations and professional development activities available through the Department's Career Network Institute.

Faculty

Karen L. Butler (1997)
Professor of Health Education
Department of Health and Human Performance

John Cash (2024)
Instructor of Esports and Gaming Management
Department of Health and Human Performance

Micah Dobson (2025)
Assistant Professor of Sport Management
Department of Health and Human Performance

Indhumathi Gopal (1986)
Associate Professor of Physical Education
Department of Health and Human Performance

Denisha Hendricks (2024)
Chief Operating Officer and Director of Athletics
Associate Professor of Sport Management
Department of Health and Human Performance

BerNadette Lawson-Williams (2003)
Professor of Sport Management
Department of Health and Human Performance

Robert Lindsey (2006)
Professor of Health Education
Department of Health and Human Performance

Joseph Martin-Toney (2018)
Instructor of Sport Management
Department of Health and Human Performance

Antonia S. Mead (2005)
Professor of Health Education
Chair, Health and Human Performance
Department of Health and Human Performance

Gregory Petersen (2017)
Assistant Professor of Sport Management
Department of Health and Human Performance

Majors

- Public Health
- Sport Management

Minors

- Esports and Gaming Management
- Exercise & Sport Science
- Fitness & Wellness Management
- Health Administration
- Health Communication
- Maternal Health
- Physical Education
- Public Health
- School Health
- Sport Management
- Sports Coaching
- Sports Medicine

Esports and Gaming Management Minor

A minor in Esports and Gaming Management consists of 21 credit hours as outlined below.

Minors must earn at least a grade of C in each course counted in the minor.

| Code | Title | Hours |
|--------------------|--|-----------|
| ESG 230 | Introduction to Esports & Game Mgt | 3 |
| ESG 331* | Esports Business and Trends | 3 |
| ESG 332* | Esports Events and Gaming Management | 3 |
| ESG 430* | Esports and Gaming Technology | 3 |
| ESG 435** | Esports and Gaming Internship | 3 |
| ESG 490* | Special Topics in Esports and Gaming | 3 |
| ESG 333* | Principles of Esports and Gaming Marketing | 3 |
| Total Hours | | 21 |

* Prerequisite: ESG 230

** Prerequisites: ESG 230, ESG 331, ESG 332, ESG 430

Exercise and Sport Science Minor

An Exercise and Sport Science minor is required to take 21 credit hours of courses of which BIO 240 may be used to satisfy Liberal Studies requirements. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

The Exercise and Sport Science minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|--------------------|---|-----------|
| BIO 240 | Human Anatomy and Physiology ¹ | 4 |
| PED 232 | Psychomotor Development | 3 |
| PED 238 | Introduction to Exercise Science | 3 |
| PED 332 | Kinesiology and Biomechanics | 3 |
| PED 332 | | 3 |
| PED 341 | Measurement & Evaluation in Human Performance | 3 |
| PED 432 | Exercise Physiology | 3 |
| Total Hours | | 21 |

Fitness and Wellness Management Minor

A Fitness and Wellness Management minor is required to take 21 credit hours of courses, of which PED 136 Physical Fitness and Wellness may be used to satisfy Liberal Studies requirements. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Fitness and Wellness Management minors must also complete the following coursework and earn at least a C in each course.

| Code | Title | Hours |
|--------------------|---|-----------|
| PED 136 | Physical Fitness and Wellness | 3 |
| HED 231 | Health and Nutrition | 3 |
| SPM 333 | Sport Facility and Event Management | 3 |
| SPM 337 | Management and Administration of Physical Activity & Sport Programs | 3 |
| PED239 | Exercise Prescription | 3 |
| PED 341 | Measurement & Evaluation in Human Performance | 3 |
| PED 438 | Program Design in Fitness and Wellness | 3 |
| Total Hours | | 21 |

Health Administration Minor

Health Administration refers to the management of healthcare organizations and their insurance providers. It is a specialized field that combines leadership, management, and administrative skills to ensure healthcare facilities are operating seamlessly and provide high quality care. The Health Administration minor program will consist of 6 courses, for a total of 18-19 credit hours.

| Code | Title | Hours |
|--|--|-----------|
| Core Requirements | | |
| HED 132 | Personal Health and Wellness | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| HED 436 | Health Administration | 3 |
| HED 444/BUS 444 | Leadership in Healthcare | 3 |
| Minor Electives | | 6 |
| <i>Select two classes from the following list:</i> | | |
| SWK 300 | Cultural Competence and Anti-Racism in Social Work | 3 |
| BUS 234 | Quantitative Methods in Business | 3 |
| BUS 336 | Elements of Business Law | 1 |
| PSY 240 | Lifespan Development | 3 |
| HED 236 | Women's Health | 3 |
| BUS 410 | Professional Presentation | 1 |
| HED 231 | Health & Nutrition | 3 |
| ACC 230 | Accounting for Non-Business Majors | 3 |
| ACC 339 | Cost Accounting | 4 |
| ECO 230 | Economics for Non-Business & Economics Majors | 3 |
| ENT 331 | Business Innovations | 3 |
| BAF 330 | Business Finance | 3 |
| BAF 333 | Financial Statement Analysis | 3 |
| PLS 332 | Diversity Leadership in Organizations | 3 |
| Total Hours | | 18 |

Health Communication Minor

The Health Communication minor will consist of 18 credits hours. Faculty from the Department of Health and Human Performance and the Department of Visual, Performing and Communication Arts will teach and advise students who minor in Health Communication.

Students who minor in Health Communication will need to earn a C or better in all of the required courses in the minor.

| Code | Title | Hours |
|--|--|-----------|
| Required Core | | |
| HED 230 | Introduction to Health Education | 3 |
| HED 437 | Applications in Health Communication | 3 |
| COM 432 | Intercultural Communication | 3 |
| COM 256 | Health Communication | 3 |
| Health Communication Electives | | |
| <i>Select two classes from the following list:</i> | | 6 |
| HED 233 | Community Health | |
| HED 335 | Minority Health Problems and Issues | |
| COM 252 | Interpersonal Communication | |
| COM 438 | Speaking in the Professions | |
| HED 438 | Social and Behavioral Aspects of Global Health | |
| Total Hours | | 18 |

Maternal Health Minor

The Maternal Health minor program consists of 6 courses, for a total of 18-19 credits hours. Students who minor in Maternal Health will need to earn a C or better in all of the required courses in the minor.

| Code | Title | Hours |
|--|--|-----------|
| Required Core | | |
| HED 395 | Human Lactation I | 3 |
| HED 396 | Human Lactation II | 3 |
| HED 296 | Women's Health | 3 |
| HED 496 | Minority Health Problems & Issues | 3 |
| Minor Electives | | |
| <i>Select two classes from the following list:</i> | | 6 |
| HED 495 | Lactation Practicum I | |
| HED 496 | Lactation Practicum II | |
| HED 499 | Birth Worker Seminar | |
| SWK 300 | Cultural Competence and Anti-Racism in Social Work | |
| PSY 233 | Descriptive and Predictive Statistics ² | |
| PSY 235 | Psychology of Childhood ² | |
| PSY 237 | Psychology of Adolescence ² | |
| PSY 240 | Lifespan Development ² | |
| MTH 136 | Introduction to Statistics [*] | |
| MTH 438 | Biostatistics [*] | |
| BUS 233 | Business Statistics [*] | |
| BIO 240 | Human Anatomy and Physiology ¹ | |
| BIO 350 | Medical Terminology | |
| SUS 230 | Principles of Sustainability | |
| Total Hours | | 18 |

¹ Prerequisite: BIO 143 General Biology I

² Prerequisite: PSY 131 General Psychology I

^{*}Only one statistics course can count towards the minor

Physical Education Minor

A Physical Education minor must take 18 credit hours of courses, including 15 credit hours of Physical Education Requirements and at least 3 credit hours of Physical Education Electives. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these prerequisites. Course prerequisites are described in the course descriptions.

Physical Education minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|---|--|--------------|
| Required Core | | |
| PED 335 | Methods & Materials of Teaching Pre-Sch | 3 |
| PED 431 | Methods & Materials in Teaching Grades 7-12 Physical Education | 3 |
| PED 336 | Adapted Physical Education Pedagogy | 3 |
| PED 234 | Sport Skills & Techniques | 3 |
| SPM 337 | Management and Administration of Physical Activity and Sports Programs | 3 |
| Electives | | |
| <i>Select one class from the following:</i> | | 6 |
| PED 230 | Foundations of Physical Education and Sport Management | 3 |
| PED 332 | Kinesiology and Biomechanics ¹ | 3 |
| PED 432 | Exercise Physiology ¹ | 3 |
| PED 224 | Methods of Teaching Dance | 3 |
| Total Hours | | 17-18 |

Public Health Major

A Public Health major is required to take 59 credit hours of courses, of which BIO 143 Intro to Biology I may be used to satisfy the General Education Requirement. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Public Health majors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|--------------------|--|-----------|
| BIO 143 | Intro to Biology I | 4 |
| BIO 240 | Human Anatomy and Physiology | 4 |
| HED 230 | Introduction to Health Education | 3 |
| HED 231 | Health and Nutrition | 3 |
| HED 232 | Human Sexuality and Family Living | 3 |
| HED 233 | Community Health | 3 |
| HED 234 | Healthful Living | 3 |
| HED 235 | Drugs and Drug Education | 3 |
| HED 334 | Program Planning and Evaluation | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| HED 336 | Death and Dying | 3 |
| HED 337 | Environmental Health | 3 |
| HED 338 | Junior Seminar Health Research I | 3 |
| HED 430 | Senior Seminar. Health Research II | 3 |
| HED 433 | Internship | 3 |
| HED 435 | Epidemiology | 3 |
| HED 436 | Health Administration | 3 |
| HED 437 | Applications in Health Communication | 3 |
| HED 438 | Social & Behavioral Aspects of Global Health | 3 |
| Total Hours | | 59 |

Public Health Minor

A Public Health minor is required to take 18 credit hours of courses, including 15 credit hours of Public Health Requirements and 3 credit hours of Public Health Electives. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Public Health minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|---|--|-----------|
| Required Core | | |
| HED 233 | Community Health | 3 |
| HED 334 | Planning and Evaluation | 3 |
| HED 337 | Environmental Health | 3 |
| HED 435 | Epidemiology | 3 |
| HED 436 | Health Administration | 3 |
| Public Health Electives | | |
| <i>Select three hours from the following:</i> | | 3 |
| HED 230 | Introduction to Health Education | 3 |
| HED 231 | Health and Nutrition | 3 |
| HED 232 | Human Sexuality and Family Living | 3 |
| HED 234 | Healthful Living | 3 |
| HED 235 | Drugs and Drug Education | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| HED 336 | Death and Dying | 3 |
| HED 438 | Social & Behavioral Aspects of Global Health | 3 |
| Total Hours | | 18 |

School Health Minor

A School Health minor is required to take 18 credit hours of courses, including 15 credit hours of School Health Requirements and 3 credit hours of School Health Electives. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

School Health minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|---|--|-----------|
| Required Core | | |
| HED 230 | Introduction to Health Education | 3 |
| HED 234 | Healthful Living | 3 |
| HED 332 | Health Education & Physical Activity in Elem Schools | 3 |
| HED 333 | School Health Problems | 3 |
| HED 434 | Methods and Materials in Teaching Health Education | 3 |
| Electives | | |
| <i>Select three hours from the following:</i> | | 3 |
| HED 235 | Drugs and Drug Education | 3 |
| HED 231 | Health and Nutrition | 3 |
| HED 232 | Human Sexuality and Family Living | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| HED 336 | Death and Dying | 3 |
| HED 337 | Environmental Health | 3 |
| HED 438 | Social & Behavioral Aspects of Global Health | 3 |
| Total Hours | | 18 |

Sport Management Major

A Sport Management major is required to take up to 54 credit hours of courses. These courses consist of a Sport Management core of 12 credit hours; a General Business Core of 6 credit hours, depending on Math placement; 6 hours of Business Marketing, and a Professional Sport Management core of 30 credit hours. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. **If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these prerequisites. Course Prerequisites are described in the course descriptions.** A minimum of 120 is required for graduation. PED 230, Foundations of Physical Education & Sport, can be substituted for SPM 230, Introduction to Sport Management.

Sport Management majors must also complete the following

coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|---|---|-----------|
| Sport Management Core | | 12 |
| SPM 230 | Introduction to Sport Management | 3 |
| SPM 337 | Administration & Management of Physical Activity & Sport Programs | 3 |
| SPM 338 | Sport Management Research Methods I | 3 |
| SPM 430 | Sport Management Research Methods II | 3 |
| SPM 434 | Sport and the Law | 3 |
| Professional Sport Management Core | | 30 |
| SPM 233 | Sport Practicum | 3 |
| SPM 331 | Sport Marketing | 3 |
| SPM 333 | Sport Facilities Management | 3 |
| SPM 334 | Sport Finance and Economics | 3 |
| SPM 335 | International Sport Management | 3 |
| SPM 339 | Sports Information | 3 |
| SPM 340 | Leadership and Governance in Sports | 3 |
| SPM 433 | Internship | 3 |
| SPM 434 | Sport and the Law | 3 |
| SPM 435 | Sport Sociology and Ethics | 3 |
| General Business Core | | 6 |
| ACC 235 | Financial & Managerial Accounting I | 3 |
| MKT 331 | Principles of Marketing | 3 |
| Business Marketing Core | | 6 |
| <i>Select two courses from the following:</i> | | |
| MKT 334 | Principles of Retailing | 3 |
| MKT 335 | Fundamentals of Selling | 3 |
| MKT 336 | Retail Buying and Merchandising | 3 |
| MKT 350 | Consumer Behavior | 3 |
| MKT 355 | Digital Marketing | 3 |
| MKT 432 | Managerial Marketing | 3 |
| Total Hours | | 54 |

Sport Management Minor

A Sport Management minor is required to take 18 credit hours of courses. These courses consist of a Sport Management core of 15 credit hours, 3 credit hours of Sport Management electives. Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair. If students place into courses lower than the starting courses indicated, they will have to take additional hours to meet these Prerequisites. Course Prerequisites are described in the course descriptions.

Sport Management minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|---|--|-----------|
| Required Core | | |
| SPM 230 | Introduction to Sport Management | 3 |
| SPM 233 | Sport Practicum | 3 |
| SPM 331 | Sport Marketing | 3 |
| SPM 433 | Internship | 3 |
| SPM 434 | Sport & Law | 3 |
| Sport Management Electives | | |
| <i>Select one class from the following:</i> | | |
| SPM 337 | Mgt & Admin of Phys Activity & Sports Programs | 3 |
| SPM 333 | Sport Facility & Event Mgt | 3 |
| SPM 334 | Sport Finance and Economics | 3 |
| SPM 339 | Sports Information | 3 |
| SPM 436 | Sports Psychology | 3 |
| Total Hours | | 18 |

Sports Coaching Minor

A Sports Coaching minor is required to take 21 credit hours of courses.

Other courses may be deemed appropriate with the approval of the student's advisor and Department Chair.

Sports Coaching minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|--------------------|--|-----------|
| PED 234 | Sport Skills & Techniques | 3 |
| PED 236 | Theory and Practice of Coaching | 3 |
| SPM 337 | Mgt & Admin of Phys Activity & Sports Programs | 3 |
| PED 332 | Kinesiology and Biomechanics | 3 |
| PED 237 | Introduction to Athletic Training | 3 |
| SPM 436 | Sports Psychology | 3 |
| SPM 434 | Sport & Law | 3 |
| Total Hours | | 21 |

Sports Medicine Minor

A Sports Medicine minor is required to take 19 credit hours of courses, of which BIO 143 Intro to Biology I may be used to satisfy General Education requirements. As a part of these course requirements, students are required to complete 100 hours of clinical observation with a certified athletic trainer (50 hours in PED 237 Introduction to Athletic Training and 50 hours in PED 437 Athletic Injury Care and Prevention). Other courses may be deemed appropriate (such as PSY 131 General Psychology I) with the approval of the student's advisor and Department Chair. If students are placed into courses lower than the starting courses indicated, they will have to take additional hours to meet these prerequisites. Course prerequisites are described in the course descriptions.

Sports Medicine minors must also complete the following coursework and earn at least a grade of C in each course.

| Code | Title | Hours |
|--------------------|-------------------------------------|-----------|
| PED 432 | Exercise Physiology | 3 |
| PED 237 | Introduction to Athletic Training | 3 |
| PED 437 | Athletic Injury Care and Prevention | 3 |
| PED 332 | Kinesiology and Biomechanics | 3 |
| SPM 436 | Sports Psychology | 3 |
| BIO 240 | Human Anatomy and Physiology | 4 |
| Total Hours | | 19 |

Department of Social Work

The Department of Social Work is an academic unit designed to focus on the undergraduate and graduate disciplines of the field of social work. The department not only is the hub for the study of the discipline but serves as a research and training center for social work-related issues. It is responsible for the degrees (BSW and MSW) offered by the university in the area of social work.

Its mission is to administratively and organizationally oversee the BSW and MSW programs for continued excellence in their academic, research and outreach endeavors in and out of the JCSU community. The department is a catalyst for projecting the collective accrediting standards, including the values and ethics of the profession, as approved by its nationally accrediting body, the Council on Social Work Education (CSWE).

Faculty

Latoya Brooks-Key (2019) MSW Faculty
Associate Professor of Social Work
Co-Chair, Department of Social Work

Department of Social Work

Kai Burkins (2025) MSW Faculty
MSW Field Director
Department of Social Work

Helen T. Caldwell (1993)
Associate Provost

Associate Professor of Social Work
Department of Social Work

Judith Crocker-Billingsley (2018) BSW Faculty
Associate Professor of Social Work
BSW Program Director
Department of Social Work

Shayna Duncan (2023) MSW Faculty
Assistant Professor of Social Work
Department of Social Work

James T. Freeman (2013) MSW Faculty
Associate Professor of Social Work
Department of Social Work

Kareema J. Gray (2017) BSW Faculty
Associate Professor of Social Work
Department of Social Work

Courtney Harris (2025) BSW Faculty
BSW Director of Practicum Education
Instructor of Social Work
Department of Social Work

Melvin Herring (2014) MSW Faculty
Associate Professor of Social Work
MSW Program Director
Co-Chair, Department of Social Work
Department of Social Work

Edwina Jackson (2025) BSW Faculty
Assistant Professor of Social Work
Department of Social Work

David Luciano (2013) MSW Faculty
Associate Professor of Social Work
Department of Social Work
B.A. 1987, The City College of the City University of New York (CUNY)
J.D., 1990, The State University of New York (SUNY) Buffalo Law
School
MSW, 2000, New York University
Ph.D., 2012, New York University

MSW Program

The mission of the Master of Social Work (MSW) is to prepare culturally competent practice with individuals and families, small groups, organizations and communities, advanced generalist culturally competent practice with individuals and families, small groups, organizations and communities.

The MSW program at JCSU will prepare graduates who:

- Share a common foundation based on advanced generalist social work practice.
- Demonstrate leadership in culturally competent social work practice.
- Participate in student-faculty opportunities to produce culturally competent research.

Admission Policies and Procedures

Students applying to the MSW program at Johnson C. Smith University must have an undergraduate degree with a liberal arts foundation from a regionally accredited college or university or be in the final semester of completing their degree within the year of application to the MSW program.

Students applying for the MSW program at Johnson C. Smith University must provide:

- Official transcript(s) from all undergraduate colleges or universities attended to document that they have an undergraduate degree with a liberal arts foundation from a regionally accredited college or university or be in the final academic year of completing the degree so that they can begin the MSW program in the next academic year. (Applicants without this credential will not be considered for admission).
- A JCSU Graduate School application.
- A written MSW application, including a 3-5-page narrative that describes the strengths, challenges, career goals, experience related to social work, reasons for seeking an MSW, and understanding of cultural diversity and cultural competence.
- Three letters of reference to include:
 - a. references from undergraduate faculty and field director (for BSW grads) if the undergraduate degree has been completed within the past three years or
 - b. references from an employer and other knowledgeable community persons who can speak to the individual's ability for social work with diverse populations if the undergraduate degree has been completed in four or more years.

Any applicant seeking admission to advanced standing must have completed a BSW within the last 5 years from a program accredited by the Council on Social Work Education or be in the process of completing their BSW degree within the academic year of their application to the MSW program. Applicants without this credential will not be considered for admission to the advanced standing program. Only BSW graduates with a cumulative GPA of at least 3.0 (on a 4.0 scale) are eligible for the advanced standing program.

Applicants for regular admission to the JCSU MSW program should have a minimum grade point average of B (3.0 on a 4.0 scale or the equivalent). All applicants, regardless of grade point average, will have admission packets considered in their entirety.

Students whose grade point average is below a B average:

- may be provisionally considered for the MSW two-year program based on the Admission Committee review of their entire application packet.
- will be required to interview with the MSW faculty to discuss the program and the applicant's specific interests and abilities within

the field.

- should address academic issues in written application; and
- will be required to maintain a B average in their first year of the program and be granted full admission contingent upon their first-year academic performance.

Please note that other applicants may be required to have an interview to discuss their application at the discretion of the Admissions Committee.

The Admissions Committee will review, assess, and recommend students for admission based on identified criteria and using an internal formal rating scale for each identified criterion.

Applications will be divided among the MSW faculty for initial review. The faculty member assigned will review all application materials, including academic and non-academic information and references. He or she may contact applicants via telephone to initiate contact and discuss the applicant's interest in the program. The faculty members will invite applicants to attend the next scheduled open house.

The Admissions Committee will meet to review applications for admission. Upon recommendation by the Admissions Committee, students will be admitted to the two-year or advanced standing program. All applicants will be notified by email of the results of their application.

Any student entering the MSW program may request the opportunity to test out of any of the first-year courses, including the summer advanced standing-specific bridge course. Upon request of the student, he or she will be given a comprehensive exam developed by the instructor of the course for which the request is made. Upon demonstrating appropriate mastery of the material, the student will be recognized as having satisfied that course requirement. The student will have an opportunity to take an additional elective to satisfy completion of the required credit hours for the program.

For transfer students, the criteria are stated below:

- Transfer credits will be considered only from a CSWE accredited MSW program.
- Transfer credits of up to 12 hours maximum from the first-year curriculum: HBSW, Practice, Policy, Research and electives in which a grade of B or better will be considered.
- Only courses taken within the past five years from the date of entry will be considered.

For any course for which transfer credits are being considered, the student must submit syllabi, written materials, copies of tests, and a letter from the Dean/Program Director indicating that the student left the program in good standing.

MSW degree-seeking students may not take courses elsewhere for transfer credit.

The faculty member with primary teaching responsibility in the curriculum area will review the course material for the course in which the transfer credits are being considered and recommend to the Admissions Committee whether the course is equivalent to that offered by JCSU.

The University offers both a two-year program and an advanced

standing program for the MSW. The two-year program is for individuals who have completed an undergraduate degree from a regionally accredited college or university in a discipline other than social work and for those who have completed a BSW more than five years prior to their application to the MSW program. The advanced standing curriculum is for individuals who have completed a BSW within the five years prior to their application for the MSW program.

All applicants regardless of grade point average will have admission packets considered in their entirety. Applicants for regular admission to the JCSU MSW program should have a minimum grade average of B (3.0 on a 4.0 scale or the equivalent). Applicants for the two-year program whose grade point average is below a B average:

- may be provisionally considered based on the Admission Committee review of their entire application packet.
- will be required to interview with the MSW faculty to discuss the program and the applicant's specific interests and abilities within the field.
- should address academic issues in a written application; and
- will be required to maintain a B average in their first year of the program and be granted full admission contingent upon their first-year academic performance.

Applicants for advanced standing whose grade point average is below a B average:

- may be provisionally considered based on the Admission Committee review of their entire application packet if their undergraduate grade point average was at least a C+ (2.5 on a 4.0 scale or the equivalent) overall and a B (3.0 on a 4.0 scale or the equivalent) in their social work courses.
- will be required to interview with the MSW faculty to discuss the program and the applicant's specific interests and abilities within the field.
- should address academic issues in written application; and
- will be required to maintain a B average in the advanced standing summer term of the program to be granted full admission contingent upon their first-year academic performance.
- May be recommended for faculty consideration of a transfer into the two-year program if their average is below a 3.0 at the end of the summer term.

*Note: Other applicants may be required to have an interview to discuss their application at the discretion of the Admissions Committee.

Policies Regarding Practicum, Academic Probation and Automatic Dismissal from the MSW Program

All students entering the JCSU MSW program are expected to actively engage in their academic classes and to put forth their best effort. In addition, students are required to maintain the following academic standards for successful completion of the JCSU MSW program:

1. All students enrolled in the JCSU MSW program must maintain a minimum cumulative grade point average of 3.0 to remain in good

academic standing in the MSW program. A student whose grade point average falls below a 3.0 will be placed on probation and given one semester to bring his or her semester grade point average up to the required standard. A student who is a conditional admission must have a cumulative GPA of 3.0 at the end of his or her first year to continue to the second year.

2. A maximum of two C final course grades are allowed in the program. If an MSW student earns a third C or lower final course grade in a graduate social work course, he or she will be terminated from the program.
3. A final grade lower than a C will not count as successful completion in any graduate social work course. Any student earning a failing grade will be placed on probation, and must retake the course in which a substandard grade was earned. However, repeating a required course will prevent students from progressing through the curriculum as scheduled. Successfully passing a course retaken with a B or better will allow the student to progress through the MSW program. However, if a student receives a grade lower than a C for a second time, they will be terminated from the program.
4. If a student earns a final course grade of C or below in a field education course (SWK 611 Practicum & Integrated Seminar I, SWK 612 Practicum and Integrated Sem II, SWK 711 Advanced Practicum & Integrated Sem III or SWK 712 Advanced Practicum and Integrated Sem IV), he, she or they will automatically be terminated from the program.
5. Unless a student withdraws from the program prior to the official University withdrawal date or receives an official medical withdrawal, the student must complete all courses to be considered for academic credit. If a student stops attending classes but does not officially withdraw, he or she will receive a final grade of FN for each course. A student who receives final grades of FN will not be able to be readmitted to the MSW program.

Students enrolled in the MSW Program at Johnson C. Smith University are expected to fully adhere to the National Association of Social Workers (NASW) Code of Ethics (<http://www.socialworkers.org/pubs/code>) and are expected to abide by the relevant standards in the North Carolina Code of Laws. These procedures and guidelines should be upheld both in the classroom, the university context, the community, and assigned field placements. Upon admission into the JCSU MSW program, social work students are required to sign a statement agreeing to abide by all relevant regulations and the NASW Code of Ethics.

Termination from the Program

Students enrolled in the MSW Program at Johnson C. Smith University are subject to the regulations found in the *Johnson C. Smith Student Handbook* and the standards specified in the National Association of Social Workers (NASW) Code of Ethics. Social work students are required to sign a statement agreeing to abide by all relevant regulations and the NASW Code of Ethics.

A student may be terminated from the social work program if a documented violation of the above-referenced requirements has occurred. A violation may include, but is not limited to the following:

1. Academic dishonesty, including plagiarism and cheating.
2. Repeating a Practicum Course: A MSW student is **not** allowed to repeat any failed field course. No graduate student who sustains a single failing grade in the practicum will be retained in the program.
3. Failure to maintain a 3.0 (B) average
4. Earning a third C or lower for a course grade.
5. If a student who is on probation repeats a course and receives a grade lower than a C for a second time, he or she will be terminated from the program. If that student receives a C in the repeated course and it is the student's third C in the program, he or she will be terminated from the program.
6. Commission of acts or behaviors which violate the ethics of the social work profession as defined in the professional Code of Ethics and State law governing social workers.
7. Conviction of an offense that involves moral turpitude, including child or adult abuse or neglect, or a felonious offense.

Documented problems in behavior or performance, which raise questions from the faculty or practicum instructor about the student's suitability for professional social work. Such problems could include, but are not limited to, the following behaviors:

- Inappropriate behaviors and/or communications with client(s);
- Forced or coerced sexual behavior with client(s);
- Sexual activity with client(s) including, but not limited to, kissing, fondling, or sexual intercourse.
- Physical aggression, such as hitting, spanking, or slapping, directed at client(s), student(s), faculty or staff member(s).
- Physical or emotional threats directed toward client(s), student(s), faculty or staff member(s).
- Acceptance of gifts or money (not considered standard payment for services) from client(s). Students shall not ask for, or accept, gifts from client(s).
- Illegal or unethical behavior that limits or takes away client(s)' rights or results in financial, material, or emotional loss for client(s) or gain for the social work student; and/or
- Sexual harassment of client(s).
- Lack of commitment to the values and ethics of the social work profession
- Exhibiting professional inappropriateness
- Substance misuse or abuse
- Confidentiality violations (social media etc.)
- Disrespect toward faculty, field instructors, clients, and professional staff and colleagues.
- Inability to establish and maintain positive and constructive interpersonal relationships with clients and field instructors
- Inability to perform professional duties due to personal problems
- Refusal to accept and follow through on field place assignments
- Inability to accept constructive feedback from field instructor and or Practicum Faculty
- Attendance problems or failure to communicate with practicum instructor about schedule difficulties

- Consistent lateness
- Inability to meet deadlines or complete work
- Inability to apply professional skills and knowledge gained through classroom learning to practicum experience
- Violating the NASW Code of Ethics or the JCSU Student handbook
- Failure to meet a practicum placement learning contract
- Students who must be reassigned to another agency due to issues related to student performance will be given only one other field placement opportunity.
- Student attempts to follow through with the practicum internship improvement plan but does not show progress or satisfactorily meet the conditions of the plan within the specified time frame or students that does not demonstrate the potential to successfully complete the terms of the plan. The student is terminated from the placement and will receive a failing grade and will not continue in the program.
- If a student is absent one time without notifying the Practicum Instructor, the Practicum Instructor shall discuss the unacceptable behavior and create a written action plan. The action will state if the student is absent from placement without notice a second time, the student will be terminated from the placement.

When a student's performance does not meet expectations according to these policies, the Social Work MSW Program Director or a member of the graduate social work faculty may request a review by the entire graduate social work faculty of the identified policy violation. The student is notified by the MSW Program Director of the concerns and provided with an opportunity to present his or her understanding and explanation of the situation. Students who elect not to participate in the review may be subject to immediate dismissal from the program.

Students who participate in the review process may face alternative courses of action which may include, but are not limited to, developing an action plan to address the problem, being placed on probation, taking a temporary leave of absence, or being permanently dismissed from the JCSU MSW program. However, students who participate in the review process will not automatically have their academic violation decisions overturned. Rather, the presentation of the students' grievance will be considered on the grounds of the arguments presented, and the circumstances of their academic or nonacademic violation. If a decision is made to dismiss the student, he, she or they will be given a letter detailing the rationale behind the decision of dismissal.

Graduate social work students have the right to appeal decisions made through the review process. Students who wish to appeal against a decision made during a graduate social work review may file a formal appeal with the Dean of the College of Business and Professional Studies. If a student wants to file an appeal of a decision by the MSW faculty concerning a dismissal, the matter moves up the academic chain to the respective College Dean. A decision by the College Dean is final.

Readmission Policy for MSW Program

The Social Work Graduate Program at Johnson C. Smith University recognizes that students may face various challenges during their

academic journey, which may lead to termination or withdrawal from the program. However, we believe in providing students with the opportunity to reapply and demonstrate their readiness to successfully complete the program. The following policy outlines the criteria and process for readmission:

1. Reason for Termination or Withdrawal: The student must provide a clear and honest explanation of the circumstances that led to their termination or withdrawal from the program. This may include academic difficulties, personal challenges, or other extenuating circumstances.

2. Explanation of Changes: The student must demonstrate that they have made significant changes to address the issues that led to their termination or withdrawal. This may include seeking support services, developing new study strategies, or resolving personal challenges. The student should provide a detailed account of the steps they have taken to ensure future success in the program.

3. Support Systems and Scheduling: The student must identify the support systems they have in place to assist them in their academic pursuits. This may include family support, mentorship, or accommodations for work or other commitments. The student should also provide a realistic plan for managing their schedule to ensure they can dedicate sufficient time to their studies.

4. Length of Time: Readmission will be considered for students who have been terminated or withdrawn from the program for a period of 2-4 years. If more than 5 years have passed since the student's termination, they must start the curriculum from the beginning. If the student applies for readmission within 5 years, they must start from the last passing course during their previous tenure.

5. Reapplication Process: To be considered for readmission, the student must submit a new application, including an updated resume, references, and a personal statement outlining their reasons for seeking readmission and their plan for success. The student will also be required to participate in an interview with the admissions committee to assess their readiness to return to the program.

6. University Requirements: In addition to meeting the specific criteria for readmission to the Social Work Graduate Program, students must also meet any other university requirements for readmission, such as submitting official transcripts or paying any outstanding fees.

The decision to readmit a student will be made by the admissions committee based on a holistic evaluation of the student's application, interview, and demonstrated readiness to successfully complete the program. Readmitted students will be subject to the policies and requirements in place at the time of their readmission.

By following this policy, the Social Work Graduate Program aims to provide a fair and transparent process for readmission while ensuring that students are well-prepared to meet the rigorous demands of the program and ultimately achieve their goal of becoming successful social work professionals.

National Honor Society and President's List

MSW students who can maintain an overall GPA of 3.5 or higher for consecutive semesters are able to apply for The National Phi Alpha MSW Graduate Chapter Honor Society. Students are eligible to apply after their first year and are usually inducted in the spring semester.

MSW Students Eligible for President's List

The criteria for an MSW student to be selected for the President's List is as follows: Only MSW students who have maintained a cumulative 4.0 (A) average for their first 24 academic hours of coursework in their graduate social work program will be eligible for the President's List.

Advanced Standing Master's in Social Work Program

A student completing the Advanced Standing master's in social work takes 39 credit hours of courses. These courses consist of 30 credit hours of Social Work Requirements: 9 credit hours of Social Work Electives.

| Code | Title | Hours |
|-----------------------|---|-----------|
| SWK 602 | Anti-Racism, Diversity, Equity, and Inclusion | 3 |
| SWK 607 | Social Work Data Analysis | 3 |
| SWK610 | Bridge Course | 3 |
| SWK 706 | Applied Research I | 3 |
| SWK 707 | Applied Research II | 3 |
| SWK 708 | Advance Practice I | 3 |
| SWK 709 | Advanced Practice II | 3 |
| SWK 710 | Advanced Practice III | 3 |
| SWK 711 | Advanced Practicum & Integrated Seminar III | 3 |
| SWK 712 | Advanced Practicum and Integrated Seminar IV | 3 |
| Social Work Electives | | 9 |
| Total Hours | | 39 |

Two-Year Master's in Social Work Program

A student completing the two-year master's in social work takes 60 credit hours of courses. These courses consist of 51 credit hours of Social Work Requirements: 9 credit hours of Social Work Electives.

| Code | Title | Hours |
|---|--|-------|
| Required Core | | |
| SWK 602 | Anti-Racism, Diversity, Equity, and Inclusion | 3 |
| SWK 603 | Social Problems and Policy | 3 |
| SWK 604 | Human Behavior & the Social Env. I | 3 |
| SWK 605 | Human Behavior & the Social Env. II | 3 |
| SWK 606 | Research Methods | 3 |
| SWK 607 | Social Work Data Analysis | 3 |
| SWK 608 | Generalist Practice- Indiv, Fam., & Group | 3 |
| SWK 609 | Generalist Practice with Organiz & Community | 3 |
| SWK 611 | Practicum & Integrated Seminar I | 3 |
| SWK 612 | Practicum and Integrated Seminar II | 3 |
| SWK 706 | Applied Research I | 3 |
| SWK 707 | Applied Research II | 3 |
| SWK 708 | Advance Practice I | 3 |
| SWK 709 | Advanced Practice II | 3 |
| SWK 710 | Advanced Practice III | 3 |
| SWK 711 | Advanced Practicum & Integrated Seminar III | 3 |
| SWK 712 | Advanced Practicum and Integrated Seminar IV | 3 |
| Recommended Electives | | |
| <i>Select 9 hours from the following:</i> | | 3 |
| SWK 701 | Urban Black Families | 3 |
| SWK 702 | Social Work with Immigrants | 3 |
| SWK 703 | Critical Theory for Social Work | 3 |
| SWK 704 | Caregiving throughout the Life Course | 3 |
| SWK 705 | Basic Spanish for Cultural Com SWK | 3 |
| SWK 713 | Psychopathology and Clinical Interventions | 3 |
| SWK 716 | Loss and Grief: Indv, Fam, & Cult Perspectives | 3 |
| SWK 719 | Psychopathology and Clinical Intervention II | 3 |

| | | |
|--------------------|--|-----------|
| SWK 720 | Trauma II: Advanced Trauma in Social Work Practice | 3 |
| SWK 799 | Emerging Topics | 3 |
| Total Hours | | 60 |

BSW Program

A Social Work (BSW) major is required to take 122 credit hours of courses. These courses consist of 54 credit hours of Social Work Requirements, 9 credit hours of Social Work Electives, and 8 credit hours of Biology. Course Prerequisites are described in the course descriptions.

Student Academic and Professional Requirements and Expectations Policy

All students who are accepted into the JCSU BSW program are expected to actively engage in their academic classes and to put forth their best effort. In addition, students are required to maintain the following academic standards for successful completion of the JCSU BSW program:

1. All students enrolled in the JCSU BSW program must maintain a minimum cumulative grade point average of 2.0 to remain in good academic standing in the BSW program and the university. A student whose grade average falls below a 2.0 will be placed on probation and given one semester to bring his, her or their semester grade point average up to the required standard- in accordance with university policy.
2. A final grade lower than a C (70) will not count as successful completion in any undergraduate social work course. Any student earning a failing grade will be placed on academic probation and must retake the course in which a substandard grade was earned. However, a student who receives a grade lower than a C (70) for a second time will be dismissed from the program.

Students enrolled in the BSW program at JCSU are expected to fully adhere to the National Association of Social Workers (NASW) Code of Ethics; <http://www.socialworkers.org/pubs/code> and are expected to abide by the relevant standards in the North Carolina Code of Laws, the laws of the City of Charlotte and those of Mecklenburg County. These procedures and guidelines should be upheld in the classroom, in a university context, and in assigned field placements.

Upon admission into the JCSU BSW program, undergraduate social work students are required to sign a statement agreeing to abide by all relevant regulations and the NASW Code of Ethics including the NASW Ethical Responsibilities to Clients, to Colleagues, in Practice Settings, as Professionals, to the Social Work Profession and to the Broader Society.

A student may be terminated/dismissed from the BSW Program if a documented violation of the above stated academic and professional requirements and expectations has occurred. A student may be placed on probation or suspended temporarily from a practicum internship placement, pending the outcome of any identified violations. A violation may include, but is not limited to the following:

1. Academic dishonesty, including plagiarism and cheating.
2. Failure to maintain a 2.0 (C) average.
3. Failing to adhere to the laws of the City of Charlotte, Mecklenburg County, or the State of North Carolina. This includes but is not limited to laws around the use/possession of controlled substances (i.e., marijuana), underage alcohol use/abuse, and driving while impaired.
4. Failing to complete the required practicum placement. Several carryover hours must be limited to the appropriateness of program completion in a timely manner. Any exceptions must be approved by the practicum director, program director and college dean.
5. Earning a grade below a C (70) in any practicum placement courses.
6. Withdrawing from the university after the withdrawal deadline and receiving FNs in semester courses.
7. Commission of acts or behaviors that violate the ethics of the social work profession as defined in the professional code of ethics and state law governing social workers.
8. Conviction of an offense that involves moral turpitude, including child or adult abuse or neglect, or a felonious offense.
9. Documented problems in behavior or performance in the classroom or in practicum placement which raise questions from the faculty, staff, or practicum instructor about the student's suitability for professional social work.
10. Such problems could include, but are not limited to, the following behaviors:
 - a. Inappropriate behaviors and/or communications with client(s) or colleague(s) at practicum placement sites, or with student(s), faculty, or staff in the classroom.
 - b. Forced or coerced sexual behavior with client(s) or colleague(s) at practicum placement sites.
 - c. Sexual activity with client(s) or colleague(s) at practicum placement sites including, but not limited to, kissing, fondling, or sexual intercourse.
 - d. Physical aggression, such as hitting, spanking, or slapping, directed at client(s), colleague(s) at practicum placement sites, student(s), faculty, or staff member(s).
 - e. Physical or emotional threats directed toward client(s), colleague(s) at practicum placement sites, student(s), faculty, or staff member(s).
 - f. Acceptance of gifts or money (not considered standard payment for services) from client(s) or colleague(s) at practicum placement sites.
 - g. Asking for, or accepting, gifts from client(s) or colleague(s) at practicum sites.
 - h. Illegal or unethical behavior that limits or takes away client's rights or results in financial, material, or emotional loss for client's or gain for the social work student.
 - i. Sexual harassment of client(s), colleague(s) at practicum placement sites, student(s), faculty, or staff at the university.

When a student's performance does not meet expectations according to these policies, the BSW Program Director, Department Chair, or a member of the undergraduate social work faculty may request a review by the entire undergraduate social work faculty and

if warranted the Dean of the College of Business and Professional Studies of the identified policy violation. The student is notified in writing by the BSW Program Director and the Department Chair of the concerns and provided with an opportunity to present his or her understanding and explanation of the situation. Students who elect not to participate in the review will be subject to dismissal from the program. Students who participate in the review process may face alternative courses of action that may include, but are not limited to, developing an action plan to address the problem, being placed on probation, taking a temporary leave of absence, or being dismissed from the JCSU BSW program.

However, students who participate in the review process will not automatically have their academic violation decisions overturned. Rather, presentation of the student's grievance will be considered on the grounds of the arguments presented, and the circumstances of his, her, or their academic violation. If a decision is made to dismiss the student, he, she, or they will be given a letter detailing the rationale behind the decision of dismissal.

Undergraduate social work students have the right to appeal decisions made through the review process. Students who wish to appeal against a decision made during an undergraduate social work review may file a formal appeal with the Dean of the College of Business Professional Studies. If a student wants to file an appeal of a decision by the BSW faculty concerning a dismissal, they must follow the academic chain from the BSW Program Director, to the Chair(s) of the Department of Social Work, to the Dean of the College of Business and Professional Studies, to the Provost and Chief Academic Officer, and then to the President of the University. A decision by the Office of the President is final. (See copy of **Student Action Log for Undergraduate Academic and Nonacademic Grievances and Appeals** in the Johnson C. Smith University Student handbook).

Social Work (BSW) majors must also complete the following coursework and earn at least a grade of **C** in each major course and their prerequisites.

BSW Social Work Major Curriculum

| Code | Title | Hours |
|----------------------|---|-----------|
| Required Core | | 54 |
| SWK 239 | Introduction to Social Work | 3 |
| SWK 300 | Cultural Competence & Anti-Racism in Social Work | 3 |
| SWK 330 | Policy I: The Institution of Social Welfare | 3 |
| SWK 332 | Policy II: Social Welfare Policy | 3 |
| SWK 336 | Human Behavior in the Social Environment | 3 |
| SWK 340 | Social Work Values and Ethics | 3 |
| SWK 431 | Social Work Research Methods | 3 |
| SWK 433 | Social Work Practice I: Social Work with Individuals & Families | 3 |
| SWK 434 | Social Work Practice II: Social Work with Communities and Organizations | 3 |
| SWK 435 | Social Work Direct Practice III: Social Work with Groups | 3 |
| SWK 436 | Senior Investigative Paper I | 3 |
| SWK 438 | Senior Investigative Paper II | 3 |
| SWK 495 | Social Work Seminar and Practicum Education I | 9 |
| SWK 496 | Social Work Seminar and Practicum Education II | 9 |

| Social Work Electives | | 15 |
|---|-------------------------------------|-----------|
| <i>Select 15 hours from the following:</i> | | |
| SWK 234 | Introduction to Gerontology | 3 |
| SWK 331 | Child Welfare: Policies & Practices | 3 |
| SWK 333 | Social Workers in Clinical Settings | 3 |
| SWK 338 | Special Topics | 3 |
| SWK 432 | Social Work with Groups | 3 |
| SWK 437 | Community Organization | 3 |
| Biology Requirement | | 8 |
| BIO 143 | Introduction to Biology I | 4 |
| BIO 240 | Human Anatomy and Physiology | 4 |
| Social Science Requirement | | 6 |
| SOC 131 | Principles of Sociology | 3 |
| PSY 131 | General Psychology | 3 |
| Mathematics Requirement | | 3 |
| <i>Select one from the following courses:</i> | | |
| PSY 233 | Descriptive & Predictive Statistics | 3 |
| MTH 136 | Introductory Statistics | 3 |
| Economics Requirement | | 3 |
| ECO 231 | Principles of Macroeconomics | 3 |
| Total Hours | | 89 |

Social Work Minor

The minor in social work will prepare students with an introduction to the social work profession, an introduction to cultural competence and professional values and ethics as the core courses in the minor. The elective offerings would expose students to a variety of courses that examine the many ways that social workers meet the needs of the most vulnerable in our society. There will be three required core courses in the social work minor and two elective options that will make up the minor.

The 15-credit hour social work minor will be a student's introduction to the core values and mission of the social work profession. Students will learn about the primary mission of the social work profession, which is to enhance human well-being and help to meet both the basic and complex needs of all people. Students who take the social work minor will take courses that focus on those who are the most vulnerable in our society, those who are oppressed and those living in poverty. Students will be able to choose electives on various topics including Gerontology, Child Welfare, Substance Abuse, Community Health, Death & Dying and Minority Health among others. 2-3 of the following electives will be offered each semester (Fall/Spring).

By taking this minor, students will be exposed to the core values and mission of the social work profession which can be an asset to them no matter what their major is. The knowledge they would from this minor could help a student in any career that deals with people. For students who are particularly interested in psychology, sociology, political science, communications or health-related degree programs, the social work minor would be a great complement to these degrees. Students who are majoring in STEM related fields or business will also benefit from learning about cultural competence, social, economic, and environmental justice, as well as professional values, professional ethics, fields of social work practice and the variety of settings in which social workers are employed.

| Required Core | | |
|---------------------------------------|---|-----------|
| SWK 239 | Introduction to Social Work | 3 |
| SWK 300 | Cultural Competence & Anti-Racism in Social Work | 3 |
| SWK 340 | Social Work Values and Ethics | 3 |
| Electives (Select two courses) | | |
| SWK 234 | Introduction to Gerontology | 3 |
| SWK 331 | Child Welfare: Policies & Practice | 3 |
| SWK 333 | Social Work in the Clinical Setting | 3 |
| SWK 338-A | Special Topics – Writing for Social Work | 3 |
| SWK 338-B | Special Topics- Financial Social Work | 3 |
| SWK 338-C | Special Topics-Substance Abuse | 3 |
| SWK 338-D | Special Topics -Case Management | 3 |
| SWK 338-E | Special Topics-Social Work in Media | 3 |
| SWK 338-F | Special Topics-Domestic Violence | 3 |
| SWK 338-G | Special Topics-Social Work & Groups | 3 |
| SWK 338-H | Special Topics-Theoretical Perspectives | 3 |
| SWK 338-I | Special Topics-Social Work & Business | 3 |
| SWK 338-J | Special Topics-Social Work and Self-Care | 3 |
| SWK 338-L | Special Topics-Social Work and Technology | 3 |
| SWK 338-M | Special Topics-Social Work and Health Care | 3 |
| SWK 338-N | Special Topics-Social Work and Mental Health & Mental Health Practice in Communities of Color | 3 |
| SWK 437 | Community Organizations | 3 |
| HED 233 | Community Health | 3 |
| HED 336 | Death & Dying | 3 |
| HED 335 | Minority Health Problems & Issues | 3 |
| Total Hours | | 15 |

| Code | Title | Hours |
|-------------|--------------|--------------|
|-------------|--------------|--------------|

Course Descriptions

Accounting (ACC)

ACC 230 Accounting for Non-Business Majors

3.00 credit hours

This course introduces Accounting as a language of business for non-business majors. Communication of financial information through financial statements and their major components will be the focus of this course. Students will be exposed to a basic analysis of financial information.

Prerequisites: MTH 131 or higher

ACC 235 Financial & Managerial Account I

3.00 credit hours

This course in Financial and Managerial Accounting introduces accounting as an information system. The primary focus is on for-profit organizations and the measuring, processing, and communication of financial information for users external to the organizations. Emphasis is placed on recording and reporting financial activities following Generally Accepted Accounting Principles (GAAP) and International Financial Reporting Standards (IFRS).

Prerequisites: Math 132 or higher

ACC 236 Financial and Managerial Account II

3.00 credit hours

This second course in Financial and Managerial Accounting will complete the financial information for-profit organizations and introduce fundamental concepts associated with accounting information that is useful to managers and other individuals working inside the business. Emphasis is placed on providing information to managers in their planning, controlling, and decision-making functions.

Prerequisites: ACC 235

ACC 334 Not-For-Profit Accounting

3.00 credit hours

The study of the procedures of accounting for government and other not-for-profit entities. Prerequisites: ACC 235 and junior standing.

ACC 335 Intermediate Financial Acct I

3.00 credit hours

This is the first of the three-course intermediate accounting sequence. This course focuses on the conceptual framework underlying financial reporting by business enterprises, the processes by which authoritative guidelines are promulgated, integration of the conceptual and computational aspects of income measurement, valuation and reporting problems associated with the accounting cycle, statement preparation, and asset accounting.

Prerequisites: ACC 235, MTH 132 or MTH 137

ACC 336 Intermediate Financial Acct II

3.00 credit hours

This is the second course in the three-course intermediate accounting sequence. The focus is on the integration of the conceptual and computational aspects of asset, liability, and stockholders' equity accounts.

Prerequisites: ACC 335

ACC 339 Cost Accounting

3.00 credit hours

The study of basic principles, practices, and procedures of cost accounting including coverage of job order costing, process cost accounting, managerial profit planning and analysis, and budgeting.

Prerequisites: ACC 236

ACC 431 Accounting Information Systems

3.00 credit hours

An introduction to electronic accounting information processing systems with particular emphasis on internal controls and computer auditing techniques.

Prerequisites: ACC 335, CSC 131

ACC 435 Advanced Accounting

3.00 credit hours

An in-depth study of corporate accounting. Includes an analysis and evaluation of the structure and use of financial statements and reports, including consolidated statements.

ACC 436 CPA Review

3.00 credit hours

Problems of accounting peculiar to examination leading to CPA Certificate.

ACC 437 Federal Income Tax Analysis I

3.00 credit hours

An analysis of Federal Income Taxation and its application to individual and organizations

Prerequisites: ACC 336

ACC 438 Federal Income Tax Analysis II

3.00 credit hours

A continuation of ACC 437. Emphasis is given to the issues of estates, trusts, and inheritance taxes.

Prerequisites: ACC 437

ACC 439 Auditing

3.00 credit hours

A study of the purposes and scope of audits and examinations, auditing standards, various types of audits, and the form of auditing

reports. Prerequisites: ACC 336

African American Studies (AAS)

AAS 231 Intro to Africana Studies

3.00 credit hours

This is an introductory course that focuses on the methodologies, history, and significance of Black Studies in the study of the Black Experience.

AAS 495 Special Topics in Africana Studies

3.00 credit hours

Advanced study of special topics in Africana Studies, usually on an interdisciplinary basis.

Arabic (ARA)

ARA 131 Elementary Arabic I

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of Arabic cultures.

ARA 132 Elementary Arabic II

3.00 credit hours

A continuation of ARA 131 in an ever-interactive classroom environment with emphasis on expansion of vocabulary and grammatical concepts as well as exposure to the concrete reality of culturally diverse attitudes and behaviors.

Prerequisites: ARA 131 or placement by examination

ARA 196 Introductory Topic in Arabic

3.00 credit hours

This course provides a freshman-level introduction to a particular topic in Arabic language or literature. The course may be repeated for credit in cases where students take courses in different topics. This course may, at times, be cross listed with ENG 196.

Prerequisites: A grade of C or better in ENG 131 or ARA 131 or equivalent placement

ARA 231 Intermediate Arabic I

3.00 credit hours

3.00 credit hours Emphasis on communicative and writing skills. Short basic readings, conversation, grammar and aspects of culture.

Prerequisites: ARA 132

ARA 232 Intermediate Arabic II

3.00 credit hours

A continuation of ARA 231 with more reading, conversation, and composition. Strong emphasis on developing facility in oral and written expression.

Prerequisites: ARA 231

ARA 296 Topics in Arabic

3.00 credit hours

This course provides a sophomore-level examination of a particular topic in Arabic language or literature. The course may be repeated for credit in cases where students take courses on different topics. The four-credit version includes a lab that examines the topic through Arabic-language texts. This course may, at times, be cross listed with ENG 296. In addition to these requirements, permission from the instructor may be required for the four-credit version of the course.

Prerequisites: A grade of C or better in ENG 131 or ARA 131 or equivalent placement.

ARA 331 Advanced Arabic I

3.00 credit hours

A continuation of ARA 232, featuring more complex texts and a greater focus on composition in the language. Strong emphasis on developing proficiency in oral and written expression.

Prerequisites: ARA 232

ARA 332 Advanced Arabic II

3.00 credit hours

A continuation of ARA 331. Building on the previous course's use of complex texts and enhanced focus on composition in language. Strong emphasis on strengthening students' proficiency in oral and written expression. Prerequisites: ARA 331

ARA 395 Field Study in Arabic Country

6.00 credit hours

Two courses taught in sequence prepare students to conduct fieldwork in an Arabic-speaking country. ARA 395 provides students with an introduction to the cultural, historical, and political overview of the Arabic-speaking world, the realities of living and conducting research abroad, and guidance in crafting a proposal for a research project.

ARA 495 Field Study in Arab Country

6.00 Credit Hours

Two courses taught in sequence prepare students to conduct fieldwork in an Arabic-speaking country. In ARA 495, students will conduct fieldwork in an Arabic-speaking country by their proposal (successful proposal and defense of the project will culminate with the submission of an essay and a presentation, to be delivered upon the students' return to the University). NOTE: Credit hours of academic program abroad are subject to departmental approval and proper filing in the Registrar's Office prior to departure. Prerequisite: Any introductory Arabic course or permission of coordinator.

Prerequisites: ARA 395

ARA 450 Conversational Arabic

3.00 credit hours

A course focusing on effective communication in formal and informal settings. Students are exposed to both Modern Standard Arabic and Egyptian Colloquial Arabic. Students are expected to be able to participate in sustained conversations with native speakers in both formal and informal settings, making use of both Modern Standard Arabic and Egyptian Colloquial Arabic.

Prerequisites: ARA 332

ARA 451 Business Arabic

3.00 credit hours

A course focusing on effective communication with native speakers in a professional setting. The course prepares students to engage in formal and informal conversations with native speakers in a business setting. Additionally, students are introduced to composing business letters, memos/notes and emails.

Prerequisites: ARA 450

ARA 489 Topics in Digital Storytelling

3.00 credit hours

This course examines digital storytelling within a topical context. Students both study digital narratives and learn how to create their own digital narratives within the context of the course topic. May be repeated for credit so long as the topics are different. May be cross listed with other Digital Storytelling courses.

All academic programs abroad are subject to departmental approval and proper filing in the Registrar's Office prior to departure. Prerequisite: Any introductory Arabic course or permission of coordinator.

ARA 496 Special Topics in Arabic

3.00 credit hours

This course provides a detailed investigation of a special topic in Arabic language or literature. The course may be repeated for credit in cases where students take courses in different topics.

Prerequisites: A grade of C or better in ARA 296

Biology (BIO)**BIO 110 Biology of the Origins of Life**

1.00 credit hours

An exploration of biological requirements for life and theories of the origins of life. Offered during the summer only.

BIO 143 Intro to Biology I

4.00 credit hours

An introduction to the biological sciences. Major concepts covered include the nature of scientific inquiry, cell biology, animal and plant physiology, genetics and energetics, with a focus on the basic characteristics of living things.

Lecture: 3 hours per week. Laboratory: 3 hours per week.

BIO 144 Intro to Biology II:

4.00 credit hours

A continuation of BIO 143. Major concepts covered include taxonomy, ecology, biodiversity, and evolution with a focus on the interactions between organisms and their environment. Lecture: 3 hours per week. Laboratory: 3 hours per week.

Prerequisites: BIO 143

BIO 240 Human Anatomy and Physiology

4.00 credit hours

A study of the basic human structure, its division into various functional systems, and how they integrate with each other. The laboratory covers the histological and physiological aspects of selected human systems. This course does not count as a Credit in both BIO 249 and BIO 240 are not allowed. Lectures: Three hours a week. Laboratory: Two hours a week. Prerequisite: BIO 143 or equivalent.

Prerequisites: for Human Anatomy and Physiology II (BIO 245)

BIO 241 Cell Biology

4.00 credit hours

A detailed study of the structure, organization, physiological activities, and evolution of plant and animal cells. Lectures: three hours a week. Laboratory: three hours a week.

Prerequisites: BIO 143 and 144, CHE 131

BIO 242 Ecology

4.00 credit hours

The relationships between organisms and their environment. Emphasis on the climatic, edaphic, physiographic, biotic principles involved and developing student research skills.

Lectures: three hours a week. Laboratory: four hours a week. Field trips and student projects are included in the laboratory.

Prerequisites: BIO 143 and 144

BIO 245 Human Anatomy and Physiology II

4.00 credit hours

This is the second course in a two-semester sequence that provides a comprehensive study of the organization of the human body and the physiology of body processes. Cellular biology, histology, lymphatic, circulatory, reproductive, respiratory, digestive, and excretory systems are studied.

Throughout the course, emphasis is placed on the interrelationship between structure and function and on the processes that maintain homeostasis, including deviations resulting in homeostatic imbalances. BIO 240 will not serve as a Lectures: Three hours a week. Laboratory: Two hours a week.

Prerequisite: BIO 249 and sophomore standing.

BIO 247 Zoology

4.00 credit hours

Study of the biology of the major groups of animals with an emphasis on morphology, taxonomy, diversity, and physiology. Lecture: 3 hours per week.

Laboratory: 3 hours per week. Prerequisites: BIO 143 and 144

BIO 248 Botany

4.00 credit hours

A study of the morphology, physiology, heredity, evolution and introductory taxonomy of plants. Lectures: three hours a week.

Laboratory: Four Hours a week

Prerequisites: BIO 143 and 144

BIO 249 Human Anatomy and Physiology I

4.00 credit hours

BIO 249 is the first course in a two-semester sequence that provides a comprehensive study of the organization of the human body and the physiology of body processes. Cellular biology, histology, integumentary, skeletal, muscular, nervous, and endocrine systems are covered.

Throughout the course, emphasis is placed on the interrelationship between structure and function and on the processes that maintain homeostatic, including deviations resulting in homeostatic imbalances.

This comprehensive course holds both lecture and laboratory component. Students must be Sophomore standing. Credit in Both BIO 249 and BIO 240 are not allowed. Lecture: Three Hours a week.

Laboratory: Two hours a week.

Prerequisites: BIO 143 or equivalent

BIO 313 Biochemistry Laboratory I

1.00 credit hours

BIO 313-314 Biochemistry Laboratory I & II 4.00 credit hours each Laboratory course(s) to accompany Biology 333-334. Four hours of laboratory work a week.

Prerequisites: CHE 211, 231

BIO 336 Introduction to Bioinformatics

3.00 credit hours

This course introduces students to DNA structure and replication, genetic code and human genome project, genome sequence acquisition and sequence analysis, pair wise and multiple sequence alignments, database searches, and some case studies. The students will be able to analyze, develop and implement tools that enable efficient access and management of different types of information and will be able to use UNIX, and PERL for pattern recognition and searches.

Prerequisites: None.

BIO 337 Parasitology

3.00 credit Hours

An introduction to parasites of medical importance that cause human disease throughout the world. Discussion of general aspects of parasitology, taxonomy, morphology, life cycles, pathogenesis, and host-parasite relationships of the major parasitic eukaryotes. Parasites of

significant medical/veterinary importance and fundamental mechanism behavior, diagnosis, epidemiology, and control strategies will be emphasized. Lecture: Three Hours a week.

Prerequisites: BIO 144.

BIO 341 Genetics

4.00 credit hours

Basic concepts of transmission, population and evolutionary genetics. Emphasizes human disease inheritance and the statistical analysis of evolutionary genetic change. Lectures: Three hours a week. Laboratory: Three hours a week.

Prerequisites: BIO 241 and MTH 137 or higher.

BIO 342 Microbiology

4.00 credit hours

An introduction to the study of microorganisms. Special emphasis on their relationship to man. Organic Chemistry recommended. Lectures: Two hours a week. Laboratory: Three hours a week.

Prerequisites: BIO 143 and 144.

BIO 350 Medical Terminology

3.00 Credit Hours

An introduction to medical terminology, designed to increase familiarity with medical terms while reviewing basic anatomy and physiology, learning root words, and learning to analyze unknown words.

Prerequisites: BIO240 or BIO249 or BIO245 or Departmental approval.

BIO 352 Tropical Diseases

3.00 Credits Hours

This course is designed for students with an interest in tropical diseases, their etiology and control. Emerging and Re-emerging tropical diseases of significant importance and fundamental mechanisms like pathogenesis, diagnosis, epidemiology, and control strategies will be discussed.

Prerequisites: BIO 241 or BIO 242 or BIO 342 or BIO 337 and/or departmental approval.

BIO 422 Laboratory Projects in Biology

2.00 credit hours

Laboratory investigation designed to allow the student to become more actively involved in biological research either by participating in faculty designed projects or by pursuing individual interests approved by the Department Chair. Progress reports, discussions, and presentation of results are required. Credit for this course can also be earned by outside research in industry, government, or academic settings. Requires a minimum of 80 hours of work time for two credit hours. May be repeated for credit upon approval of the Department Chair; however, a maximum of three hours of BIO 422-430 credit may be applied to the Biology major or minor or General Science major requirements. Cross listed as CHE 422.

Prerequisite: Approval by Department Chair.

BIO 430 Research Problems in Biology

3.00 credit hours

Independent or team work in laboratory investigation of some aspect of biology. Progress reports, discussions, and presentation of results are required. Credit for this course can also be earned by outside research in industry, government, or academic settings. Requires a minimum of 120 hours of work time for three credit hours. May be repeated for credit upon approval of the Department Chair; however a maximum of three hours of BIO 422-430 credit may be applied to the Biology major or minor or General Science major requirements. Cross-listed as CHE 430. Prerequisite: Approval by Department Chair.

Business Administration (BUS)**BUS 100 Introduction to Business**

3.00 credit hours

This Introduction to Business course explains the world of businesses and their owners, employees, and customers. Emphasis will be given to social responsibility, sustainability, economies of scale, and globalization. Basic business concepts, careers, and the interrelationships and complexities of businesses will be studied, analyzed, and evaluated.

BUS 233 Business Statistics

3.00 credit hours

Principles of applied business statistics, collection, tabulation, classification, presentation of business and economic data. Cross-listed with ECO 233
Prerequisites: MTH 132 or Higher

BUS 234 Quant Meth in Business

3.00 credit hours

An introduction to the process and analytical decision-making tools used in business (service and manufacturing) and economics. Topics include introduction to operation management, linear programming, inventory management, project planning and control (PERT CRP and CPM), forecasting and others. Cross-listed with ECO 233
Prerequisites: BUS 233, or permission of instructor

BUS 336 Elements of Business Law

3.00 credit hours

Deals with the elements of law especially relevant to students who will take the CPA Exam.
Prerequisites: ENG 132

BUS 339 Management Information Systems

3.00 credit hours

An overview of various business information systems with special emphasis on information solutions for business problems. The impact of these solutions in various corporate levels will be analyzed.
Corequisites: ACC 236; ECO 232

BUS 410 Professional Presentation

1.0 credit hours

BUS 410 Professional Preparation 4.00 credit hours Provides help in surfacing, organizing, and assessing information that will be useful in job hunting efforts, as well as coaching in resume writing, interviewing skills, image building, and action planning.

BUS 433 Business and Economic Research

3.00 credit hours

An examination of various issues and topics from the perspective of business and economics including problem formulation, literature review, research and analytical design, data collection and analysis of data. This course will culminate with the completion of an investigative paper in BUS 460.

Prerequisites: BUS 233

BUS 435 Business Policy

3.00 credit hours

This capstone course deals with the administration process under conditions of uncertainty. Emphasis is placed on integrating knowledge acquired in the functional areas of business administration in formulating management policies.
Prerequisites: ACC 236, MGT 334, ECO 232, BUS 234, BUS 330, BUS 339, MKT 331

BUS 444 Leadership in Healthcare

3.00 credit hours

This course provides students with a solid jump start in senior leadership roles as well as public health and administrative management. Content considers equity, population and program-based applications, the social determinants of health, and factors and barriers specifically affecting African Americans. This course is rooted in providing knowledge to align leaders with their respective areas of impact by introducing executive level and C-Suite level decision making tactics and discussions. Cross Listed as HED 444.

BUS 450 Research and Case Analysis

3.00 credit hours

This course uses case analysis research methodology to teach students how to bring together their knowledge of the functional areas of business administration (management, marketing, accounting, finance, and economics) to analyze the strengths, weaknesses, opportunities, and threats (SWOT analysis) of companies in different business situations. Students will be taught to make recommendations to the company based on their analysis. Each student will also select a company that they will analyze in their senior paper in BUS 455.
Prerequisites: ACC 236, BUS 233, ECO 231, MGT 333, MKT 331, ECO 232 and BAF 330

BUS 455 Business Policy: Senior Investigative Paper

3.00 credit hours

This course deals with conducting research to analyze a company under conditions of uncertainty. Each student research the company they selected in BUS 450 to write a Senior Paper that integrates the knowledge acquired in the functional areas of business administration (management, marketing, accounting, finance, and economics) to conduct a SWOT analysis and provide recommendations based on it. The paper is done under the supervision of a faculty member.

Prerequisites: BUS 450

BUS 480 Business Analytics

3.00 credit hours

BUS 480 Business Analytics 3.00 credit hours This course will introduce ways in which enterprises, such as private entities, non-profits, and governments, can use data to gain insights and make better decisions. Emphasis on analyzing data related to business operations, finance, accounting, market response, customer segmentation, customer targeting, brand positioning and pricing and promotion decisions, etc., will all be studies in critical thinking and strategic planning to relate to other discipline and functions. Also, explanatory, and predictive models, optimization, and simulation will be included to influence business decisions and possible profitable actions.

Prerequisites: MTH 131 or MTH 133, MGT 333, ECO 231, MKT 331 ACC 235, BAF 330

BUS 490 Internship

3.00 credit hours

BUS 490 Internship 3.00 credit hours Internship related to Business. Minimum of 120 hours of on-the-job experience designed to bridge the gap between the academic world and the business world. Students must have an overall grade point average of 2.0. Only one period of internship is permitted.

Prerequisites: Six hours of Business Administration courses

Chemistry (CHE)

CHE 110 Chemistry of the Origins of Life

4.00 credit hours

An exploration of the basic chemical principles necessary to speculate about the chemical reactions necessary for the origin of life. (Summer Session Only)

CHE 130 Foundations of Chemistry

3.00 credit hours

Basic concepts and competencies of chemistry are presented and practiced. Students successfully completing the course should be better prepared to succeed in higher chemistry courses. For elective credit only.

CHE 131 General Chemistry I

3.00 credit hours

A discussion of the fundamental principles of chemistry in relation to the physical and chemical properties of metallic and nonmetallic elements and their compounds.

Prerequisite: Placement in MTH 137 or higher; passing score on Departmental placement exam; or approval of the Department Chair. Three lectures a week. LSP: NS

CHE 111 General Chemistry Laboratory I

4.00 credit hours

Laboratory course to accompany Chemistry 131. Three hours of lab work per week. LSP: NS

CHE 132 General Chemistry II

3.00 credit hours

A continuation of Chemistry 131. Prerequisite: CHE 131. Three lectures a week. LSP: NS

CHE 112 General Chemistry Laboratory II

4.00 credit hours

Laboratory course to accompany Chemistry 132. Three hours of lab work per week.

Prerequisites: CHE 111 and 131. LSP: NS 273

CHE 211 Organic Chemistry Laboratory I

4.00 credit hours

Laboratory course to accompany Chemistry 231. An introduction to basic laboratory techniques of organic chemistry, plus explorations into organic synthesis, and spectral analysis. Four hours of lab hours per week.

Prerequisites: CHE 112 and 132.

Prerequisite or Corequisite: CHE 231 or consent of Department.

CHE 212 Organic Chemistry Laboratory II

4.00 credit hours

Laboratory course to accompany Chemistry 232. An introduction to basic laboratory techniques of organic chemistry, plus exploration into organic synthesis, and spectral analysis. Four lab hours per week.

Prerequisites: CHE 211 and CHE 231. Prerequisite or Corequisite: CHE 232 or consent of Department.

CHE 221 Organic Chemistry Laboratory I

2.00 credit hours

Laboratory course to accompany Chemistry 231. An introduction to basic laboratory techniques of organic chemistry, plus explorations into organic synthesis, and spectral analysis. Four hours of lab hours per week.

Prerequisites: CHE 112 and 132. Prerequisite or Corequisite: CHE 231 or consent of Department.

CHE 222 Organic Chemistry Laboratory II

2.00 credit hours

Laboratory course to accompany Chemistry 232. An introduction to basic laboratory techniques of organic chemistry, plus exploration into organic synthesis, and spectral analysis. Four hours of lab hours per week.

Prerequisites: CHE 221 and CHE 231. Prerequisite or Corequisite: CHE 232 or consent of Department.

CHE 231 Organic Chemistry I

3.00 credit hours

A study of the fundamental principles of organic chemistry including reaction mechanisms, functional group reactions and preparations, syntheses of and within both aliphatic and aromatic systems, plus stereochemical and spectroscopic considerations. Three lectures a week.

Prerequisites: CHE 132.

CHE 232 Organic Chemistry II

3.00 credit hours

A continuation of Chemistry 231. Three lectures a week. Prerequisite: CHE 231.

CHE 313-314 Biochemistry Laboratory I & II

4.00 credit hours each

Laboratory courses to accompany Chemistry 333. Four hours of laboratory work a week.

Prerequisites: CHE 211 and CHE 231.

CHE 313-314 Biochemistry Laboratory II

4.00 credit hours each

Laboratory courses to accompany Chemistry 334. Four hours of laboratory work a week.

Prerequisites: CHE 211 and CHE 231.

CHE 325 Analytical Chemistry and Instrumental Analysis Laboratory I

2.00 credit hours

Laboratory course to accompany Chemistry 335. Four hours of laboratory work a week.

Prerequisites: CHE 222 and 232 or consent of the Department.

Prerequisite or Co-requisite: CHE 335

CHE 326 Analytical Chemistry and Instrumental Analysis Laboratory II

2.00 credit hours

Laboratory course to accompany Chemistry 336. Four hours of laboratory work a week.

Prerequisites: CHE 325 and 335 or consent of the Department.

Prerequisite or Corequisite: CHE 336

CHE 333 Biochemistry I

3.00 credit hours

A study of the biochemical processes and molecular reactions occurring in living systems, including a study of carbohydrates, lipids, proteins, metabolic reactions, and accompanying energy considerations. Lecture Three hours a week.

Prerequisites: CHE 231 or consent of the Department.

CHE 334 Biochemistry II

3.00 credit hours

A continuation of CHE 333. Lecture Three hours a week.

Prerequisite: CHE 333.

CHE 335 Analytical Chemistry and Instrumental Analysis I

3.00 credit hours

The theory and practice of analytical measurements using volumetric, gravimetric, and instrumental methods. Three lectures a week.

Prerequisites: CHE 222 and CHE 232 or consent of the Department.

CHE 336 Analytical Chemistry and Instrumental Analysis II

3.00 credit hours

A continuation of CHE 335: the theory and practice of analytical measurements using volumetric, gravimetric and instrumental methods. Three lectures and four hours of laboratory work a week.

Prerequisites: CHE 335 and CHE 325 or consent of the Department.

CHE 343 Analytical Chemistry

4.00 credit hours

The theory and practice of analytical measurements as applied to volumetric and gravimetric determinations

Prerequisites: Three lectures and four hours of laboratory work per week. CHE 212 and CHE 232 or consent of the Department.

CHE 344 Instrumental Analysis

4.00 credit hours

A discussion of the theoretical principles and applications of modern chemical instrumentation including spectroscopic, chromatographic and electrochemical techniques. Appropriate experiments complement the discussion. Three lectures and four hours of laboratory work a week.

Prerequisites: CHE 212, 232 and 343 or the consent of the Department.

CHE 411 Selected Experiments in Physical Chemistry

4.00 credit hours

Laboratory courses to accompany Chemistry 431. Four hours of laboratory work a week.

CHE 412 Selected Experiments in Physical Chemistry

4.00 credit hours

Laboratory courses to accompany Chemistry 432. Four hours of laboratory work a week.

CHE 422 Laboratory Projects in Chemistry

2.00 credit hours

Laboratory investigation designed to allow the student to become more actively involved in chemical research either by participating in faculty-designed projects or by pursuing individual interests approved by the Department Chair. Progress reports, discussions, and presentation of results are required. Credit for this course can also be earned by outside research in industry, government, or academic settings. Requires a minimum of 80 hours of work time for 2.00 credit hours. May be repeated for credit upon approval of the Department Chair. A maximum of three hours of CHE 422-430 credit may be applied to the Chemistry major or minor or General Science major requirements. Cross-listed as BIO 422.

Prerequisite: Approval of Department Chair.

CHE 423 Selected Experiments in Physical Chemistry

2.00 credit hours

Laboratory course to accompany Chemistry 431. Four hours of laboratory work a week. Cross listed with PHY 423.

Prerequisite: CHE 112; PHY242 or 244.

Prerequisite or Corequisite: CHE 431 or PHY 431

CHE 424 Selected Experiments in Physical Chemistry

2.00 credit hours

Laboratory course to accompany Chemistry 432. Four hours of laboratory work a week Cross listed with PHY424.

Prerequisite: CHE 112; PHY242 or 244.

Prerequisite or Corequisite: CHE 432 or PHY 432

CHE 430 Research Problems in Chemistry

3.00 credit hours

Independent or teamwork in laboratory investigation of some aspects of chemistry. Progress reports, discussions, and presentation of results are required. Credit for this course can also be earned by outside research in industry, government, or academic settings. Requires a minimum of 120 hours of work time for 3.00 credit hours. May be repeated for credit upon approval of the Department Chair. A maximum of three hours of CHE 422-430 credit may be applied to the Chemistry major or minor or General Science major requirements. Cross-listed as BIO 430.

Prerequisite: Approval of Department Chair.

CHE 431 Physical Chemistry I

3.00 credit hours

The principles of chemistry and physics as applied to the properties and behavior of gases, liquids, solids, and solutions. The basic principles of thermodynamics, quantum mechanics, and kinetics and their applications to chemical and biochemical systems. Lectures: Three hours a week. Cross listed with PHY 431.

Prerequisites: CHE 132, MTH 231, and PHY 242 or 244.

CHE 432 Physical Chemistry II

3.00 credit hours

A continuation of Chemistry 431. Cross listed with PHY 432. Lectures: Three hours a week.

Prerequisite: CHE 431 or PHY 431.

CHE 435 Advanced Organic Chemistry

3.00 credit hours

Topics of interest in theoretical and practical organic chemistry, including mechanisms, reactions, and synthetic methods. Heterocyclic chemistry included.

Prerequisite: CHE 232. Lectures: Three hours a week.

CHE 490 Internship

3.00 credit hours

A supervised internship with hands-on experience in a professional environment that provides the student with exposure to the job market or graduate school. The student is required to formally present a detailed description of his/her work activities and experiences. A minimum of 120 hours must be completed for 3.00 credit hours. May be repeated for credit. Departmental approval is required.

CHE 497-498-499 Special Topics in Chemistry

1.00, 2.00, 3.00 credit hours

Seminar, discussion and/or laboratory course requiring advanced reading in scientific literature. A current topic selected by the instructor will be the focus for the semester. May be repeated for credit.

Chinese (CHI)

CHI 131 Elementary Chinese I

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of Chinese culture.

CHI 132 Elementary Chinese II

3.00 credit hours

A continuation of CHI 131 in an ever-interactive classroom environment emphasizing expansion of vocabulary and grammatical concepts and exposure to the concrete reality of culturally diverse attitudes and behaviors.

Prerequisites: CHI 131 or placement by examination

Communication Arts (COM)

COM 130 Public Speaking and Communication

3.00 credit hours

A practical communication course in public speaking and professional communication in various public and professional settings and platforms. Note: Students must receive a grade of C or higher. LSF: RH

COM 230 Introduction to Mass Communication

3.00 credit hours

The course introduces students to various components in the mass communication industry including Internet communication, television, motion pictures, newspapers, public relations, and advertising. Students will study the history, characteristics, contemporary issues and professional opportunities in various areas of mass media.

COM 231 Media Writing

3.00 credit hours

The course teaches the basic techniques of writing and formats widely employed in professional media. Students will study grammar, mechanics, and Associated Press style required for news writing. Required for all majors, preferably in the freshman and sophomore years.

COM 232 Mass Communication Theory

3.00 credit hours

Students will study historical and contemporary theories with emphasis on communication research and practical applications of journalism and public relations. This course prepares students to advance into the junior and senior seminar courses. Required for all Communication Arts majors.

Prerequisite: COM 230.

COM 233 Photojournalism I

3.00 credit hours

A course in basic still photography and photojournalism. Students receive instruction in telling stories using digital media.

COM 235 Design I

3.00 credit hours

Students will study visual concepts and graphic techniques using computer design software that is used in the mass communications industry.

COM 238 Audio Production and Programming I
3.00 credit hours

Audio programming practices and production techniques, nature and types of programs, radio and audio formats and strategies, acquiring and scheduling programs, and program analysis and criticism. Includes considerable hands-on practices.

COM 239 Video Production and Programming I
3.00 credit hours

Introduction to video production – writing, recording, performing, and producing. Includes hands-on work as camera operators, directors, editors, and producers.

COM 240 Business Writing
3.00 credit hours

Techniques of writing in business and other organizational contexts, including letters, reports, studies, and publicity materials. Public relations students may be advised to enroll in sections taught by Communication Arts faculty members. (Same as ENG 233)

COM 252 Interpersonal Communications
3.00 credit hours

This course introduces students to the theory and practice of interpersonal communication, the ultimate goal being to help them develop more effective communication skills in their personal and professional lives. Emphasis is placed on relational communication in personal, social, professional, and cultural contexts. Topics include areas such as emotions, communicating with family, communicating at work, verbal and nonverbal communication, listening, and relationship development, maintenance and dissolution.

COM 256 Health Communication
3.00 credit hours

This course will explain communication in a health context with a focus on both interpersonal and mass media. The course will take a theoretical and practical approach to health communication. Students will learn different health communication theories and apply the theories to real health projects.
No Prerequisite required.

COM 330 Reporting
3.00 credit hours

Development of sound news judgment. Practice in various methods of searching for news, interviewing, fact finding, and techniques of reporting news.
Prerequisite: COM 231.

COM 331 Feature Writing
3.00 credit hours

Training and extensive practice in writing feature stories for newspapers and magazines.
Prerequisite: COM 231.

COM 332 Editing
3.00 credit hours

Students will use advanced editing skills for digital and print publications. Copy editing, headline writing, layout, and other facets of editing newspapers with attention to other types of publications as time permits.

COM 334 Journalism Workshop
3.00 credit hours

Students will gain practical experience working as a team to produce the campus newspaper. Skills in writing, editing, photography, layout, design and public relations will be employed by students. The course may be repeated once if space permits.
Prerequisites: Permission of instructor.

COM 335 Public Relations
3.00 credit hours

This course includes training and extensive practice using print, digital resources, social media, and other emerging technologies. The various media are used for development of internal employee/stakeholder communication, which is one of the two principal foci of public relations practice. The complementary course, COM 336 Media Relations, focuses on external media relations. Minor topics in public relations are subdivided between the two courses, which may be taken in either order.
Prerequisite: COM 231.

COM 336 Media Relations
3.00 credit hours

This course includes training and extensive practice using print, digital resources, social media, and other emerging technologies. The media are used for the development of external media communication, which is one of the two principal foci of public relations practice. The complementary course COM 335 Public Relations focuses on employee/stakeholder communication. Minor topics in public relations are subdivided between the two courses, which may be taken in either order.
Prerequisite: COM 231.

COM 337 Media Campaigns
3.00 credit hours

This course provides practical experience in public relations work, including writing for a professional newsletter, promotional campaigns, and other public relations work as available in any semester. May be repeated once for credit if available space permits. Prerequisite: COM 335 or COM 336.

COM 339 Video Production and Programming II
3.00 credit hours

Advanced study and practice in video studio and field production, including both technical and creative facets. Writing, producing and editing video projects.
Prerequisite: COM 239.

COM 342 Digital Design Workshop
3.00 credit hours

Advanced study in using concepts in photojournalism and design to enhance students' ability to deliver professional mass media products.

Prerequisite: COM 233 Photography and COM 235 Design or Permission of Instructor.

COM 345 Media Publicity for Significant Events

3.00 credit hours

Media Publicity for Significant Events gives students experience in developing strategies and tactics for media publicity surrounding both the positive and negative significant events that may face various organizations.

Prerequisite: COM 335 Public Relations or COM 336 Media Relations.

COM 360 Junior Seminar

3.00 credit hours

The student formulates a topic, conducts a literature search, and develops a research plan as necessary to write a proposal for a Senior Investigative Paper. The proposal is presented orally, using audiovisual support when appropriate and reviewed by at least one reader in addition to the instructor and whose advice is considered in determining the grade. Successful completion of the course requires acceptance of the written proposal. The course requires regular individual meetings with the instructor in addition to scheduled class time. Required of junior Communication Arts majors who have completed COM 231 and COM 232.

COM 362 Video Post-Production

3.00 credit hours

Techniques and applications of editing video for broadcast, independent, and corporate productions, including production of titles and graphics.

Prerequisite: COM 239.

COM 364 Rhetoric and Persuasion

3.00 credit hours

A practical course in learning how to build and analyze persuasive messages, both oral and mediated. Includes reasoning and rhetorical analysis: invention of relevant topics, strategic arrangement and delivery appropriate for public and digital mediums. Also includes applied research.

Prerequisite: COM 130

COM 366 Beginning Web Publishing

3.00 credit hours

This course introduces students to website design and purpose-driven content development. The course will focus on the convergence of multi-digital media content using emerging technologies for journalistic and e-commerce activities.

Prerequisite: None

COM 367 Social Media Development

3.00 credit hours

This course introduces students to website design and purpose-driven content development. The course will focus on the convergence of multi-digital media content using emerging technologies for journalistic and e-commerce activities. Three hours credit.

Prerequisite: None

COM 368 E-portfolio Design

3.00 credit hours

This course allows students to develop an e-portfolio website and understand its use as basic personal business tool for professional development/communication. The e-portfolio can be used to secure

internships, employment and other opportunities of interest. Three hours credit.

Prerequisite: None

COM 430 Communication Management

3.00 credit hours

Covers business-side operations in media firms, including advertising, research, marketing, promotions, and sales.

COM 431 Media Literacy

3.00 credit hours

An analytical approach to various mass media with an emphasis on the development of media literacy – the ability to critically assess and respond to mass-media messaging. Students learn how media content is constructed and how to interpret the intentions of the messages through critical viewing, listening, and thinking.

Prerequisite: COM 231.

COM 432 Intercultural Communication

3.00 credit hours

Introduces students to the study of intercultural communication by examining the influence of culture in different communication contexts. The instruction endeavors to move students from theory to practice by engaging them with simulated and experiential activities and multicultural experiences, and by interviewing people of differing cultural and social groups.

Prerequisite: COM 231

COM 433 The African American Press

3.00 credit hours

A history of the African American press, including an examination of Black newspapers.

Prerequisite: junior or senior standing.

COM 434 Broadcast News Writing and Announcing

3.00 credit hours

Instruction in gathering information, writing, and announcing for radio and television. The focus is mainly on news and public affairs, but the course may include attention to other types of programming.

Prerequisite: COM 231.

COM 435 Audio Workshop

3.00 credit hours

Advanced work in the campus audio facilities. Students conduct all facets of production and operations. With the approval of the instructor, a student may work in a variety of operations roles or concentrate on one function – production, announcing, programming, promotions, research, interviewing, studio or field recording, or editing. May be repeated once for credit if space permits. Prerequisites: At least one of the following: COM 238, COM 343, or COM 430. Students may substitute certain required courses with the approval of the Department.

COM 436 Video Workshop

3.00 credit hours

Work on the production of longer video projects. With the approval of the instructor, a student may work in a variety of facets of the production of a show or concentrate on one function – research, writing, interviewing, performance, camera work, or editing. May be repeated once for credit if space permits.

Prerequisite: COM 239 or COM 434. Students may substitute certain required courses with the approval of the Department.

COM 437 Sports Broadcasting

3.00 credit hours

Introduction to the study of sports broadcasting. Emphasis is on the role of the sports announcer. Students learn the fundamentals of sports reporting, sportscasts, sports critiques, research, and game play-by-play broadcasting.

COM 438 Speaking in the Professions

3.00 credit hours

This course introduces students to the practice of speaking and presenting in various contexts, such as professional presentations and public debates. In addition, a special emphasis will be on the preparation of speeches for conducting public discussions. The Practice of Parliamentary Procedure and Debate are emphasized. Prerequisite: Grade of C or better in COM 130.

COM 439 Special Topics in Communication Arts

3.00 credit hours

Advanced study in professional practices and current media issues. COM 439 may be repeated for up to six hours of credit if the topics are different. Prerequisite: Permission of Instructor.

COM 440 Online Journalism

3.00 credit hours

Students will learn the basics of reporting, writing and editing for the university student online publication. The class will also work in conjunction with COM 233 Photojournalism, COM 330 Reporting, COM 332 Editing and COM 334 Journalism Workshop to keep the online publication current. Can be repeated once for credit.

COM 445 Journalism Ethics

3.00 credit hours

Study of basic ethical standards and First Amendment rights for journalists in the U.S., examining case studies that cover the issues of libel, plagiarism, fabrication, anonymity, and source confidentiality.

COM 460 Senior Seminar

3.00 credit hours

The student writes a Senior Investigative Paper and presents it orally, using audiovisual support when appropriate. The paper is reviewed by at least one reader in addition to the instructor and whose advice is considered in determining the grade. Successful completion of the course requires acceptance of the paper by the University. The course requires regular individual meetings with the instructor in addition to scheduled class time. Required of Communication Arts majors. Prerequisite: Grade of C or better in COM 360.

COM 490 Internship in Communication Arts

3.00 credit hours

The student gains practical experience working in a professional media organization. The course is only open to Communication Arts majors upon the determination of an advisor that the student is prepared for the internship. Requirements include 18 credit hours of relevant coursework in the Communication Arts major and an overall GPA of 2.75. The course may be repeated for a total of six credit hours. An internship requires 120 hours of work time for three hours of academic

credit.

Prerequisite: COM 210 with permission from instructor and advisor.

COM 492 Advanced Communication Research

3.00 credit hours

Students will work closely with the instructor to conduct a research project. The project will include a topic proposal, data collection and analysis. Students will also learn how to present data for research conferences.

Prerequisite COM 360 and or COM 460.

COM 499 Independent Study in Communication

1.00, 2.00, 3.00 credit hours

An in-depth study in an area of communications consistent with student interest and possible career objectives. Study should include planned and structured work or special project cooperatively determined by student and instructor. Enrollment: One, two, or three hours according to the scope of the work or project to be completed. The course may be repeated once for credit. Multiple enrollments may not exceed six credit hours.

Prerequisites: Advanced standing and permission of the Department.

Computer Engineering (CSE)

CSE 138 Introduction to Computer Science & Engineering

3.00 credit hours

The course covers a description of a computer system, the relationship between software and hardware, software and hardware configuration, and introduction to logic circuits, electronic circuits and systems, plus hands-on lab experience.

CSE 330 Logic & Digital Circuits

3.00 credit hours

Basic logic gates, number systems, combinational logic circuits, optimization of logic circuits and K-maps, applications in logic systems design, sequential logic circuits, registers, memory and applications of sequential circuits. Prerequisites: MTH 137 or higher, and CSE138

CSE 331- Circuit Theory I

3.00 credit hours

The course emphasizes Kirchoff's laws, voltage and current sources, d-c circuit analysis, circuit theorem, Thevenin's theorem, Norton's theorem, superposition theorem, maximum power transfer theorem, mesh and node equations. It also includes A-C waveforms, average and r.m.s calculations, active and reactive power, introduction to a-c circuits, phasor diagrams, and an introduction to transit circuit analysis

Prerequisites: MTH 231 or higher

CSE 332 Foundations of Semiconductor Devices

3.00 credit hours

This course provides an introduction to semiconductor devices, p-n junctions, diode special diodes, p-n-p and n-p-n BJT, d-c characteristics and biasing circuits, d-c and a-c load lines. Field effect transistors (FET), MOSFETs and CMOS characteristics, and biasing circuits. An

introduction to amplifier circuits using BJT, RFT, and MOSFET.

Prerequisite: CSE 331

CSE 334 Electronics Measurements and Design

3.00 credit hours

This course introduces students to electronics measuring equipment such as oscilloscopes, power supplies and multimeters. It also includes the design and implantation of diode circuits, BJT circuits, EFT and MOSFET circuits and some power electronic devices.

Corequisite: CSE 332

CSE 335 Circuit Theory II

3.00 credit hours

The course is a continuation of the CSE-331, Circuit Theory I. It entails the study of sinusoidal and non-sinusoidal waves, reactance, impedance, simple transient analysis of electrical circuits, R-L, R-C, and R-L-C responses, complex frequency and phasors, steady-state AC circuits, power and power factor, filters, op-amp circuits, and two port networks. PSpice simulation program is used as a computer-aided tool to analyze, develop and implement circuit designs.

Prerequisite: Circuit Theory I CSE 331

CSE 430 Senior Project

3.00 credit hours

The department will offer a group of senior projects every year which cover different areas in computer science, information technology and computer engineering. These projects will require individual investigation and research as well as team hardware and/or software implementation. Each student is required to successfully complete a senior investigative paper.

Prerequisites: Senior status and permission of the department

CSE 432 Electronics Circuit Design

3.00 credit hours

The course includes operational amplifiers: RC and RF amplifiers; an introduction to pulse circuits, feedback, and oscillators; analog and digital integrates circuits, and VISI technology:

Prerequisite: CSE 332

CSE 433 Digital Signal Processing

3.00 credit hours

This course emphasizes the sampling theory, spectrum of sampled signals, pulse code modulation, encoders/decoders, digital modulation techniques, frequency shift keying, phase shift keying amplitude shift keying, delta modulation, digitization of audio and video signals, image compression and effect of noise on digital signals. The course also includes laboratory experience in the DSP lab.

Corequisite: CSE 432

CSE 434 Advanced Electronics Systems

3.00 credit hours

This course introduces the students to a variety of advanced electronics systems such as microwave systems, transmission line systems, antenna systems, analog and digital communications systems, automatic control systems, and robotics. The course includes lab experience in a variety of labs.

Corequisite: CSC 432

CSE 435 Practicum

3.00 credit hours

This course represents an opportunity for students, under the supervision of faculty, to obtain work experience in the areas covered by the Department's academic programs. This can be implemented through internships and/or research projects; 40 hours of work per credit is required. Accordingly, the student must work 120 hours for this three-credit-hour course. May be repeated when the topic varies.

Prerequisites: Consent of Department

CSE 436 Automatic Control Systems

3.00 credit hours

This course includes elements of electronic control systems, open and closed loop control systems, feedback systems, transfer function for control systems, Nyquist criteria and stability of control systems, stabilizing phase lead and phase lag circuits, Bode diagrams, dc and ac control systems, an introduction to digital control systems, and an introduction to digital control systems. The course includes lab experience in the Automatic Control and Robotics Lab.

Prerequisite: CSE 332

CSE 438 Advanced Logic & Microprocessors

3.00 credit hours

The course includes sequential logic circuits, flop flops, computer reliability, computer arithmetic, assembly language programming, the central processing unit, microprocessor architecture, memory organization, input/output, practical microprocessor architecture.

Prerequisite: CSE 330

CSE 439 Special Topics: Computer Science & Engineering

3.00 credit hours

In this course special topics covering new advances in computer science, computer engineering and information technology will be selected and offered by the department. The theme covered by the course may change from one semester to another. Examples of topics to cover are new networking operating systems, new database packages, artificial intelligence, and telecommunications.

Prerequisite: Consent of the department

Computer Science (CSC)

CSC 131 Computers in Society

3.00 credit hours

This course provides students with an introduction to computer hardware and software in addition to computer applications such as work processing spreadsheets, database, power point, and multimedia. The course will also introduce students to the World Wide Web and its applications.

CSC 133 Web Design

3.00 credit hours

This course will cover the basis of Web page and Web site Design. Students will be able to develop platform-independent sites using HTML and CSS.

CSC 134 Computer Science Principles

3.00 credit hours

This course introduces students to the foundational concepts of the field and challenges them to use computer science as a platform to positively impact their community. The course will introduce students to the creative aspects of programming, abstractions, algorithms, large data sets, the Internet, cybersecurity concerns, and computing impacts both locally and globally. NSP: IG

Prerequisites: None

CSC 135 Intro to Programming Python

3.00 credit hours

This course aims to teach basic programming and computational concepts to students with little or no previous coding experience. It introduces core programming basics including data types, control structures, algorithm development, and program design with functions using the Python programming language.

Prerequisites: None

CSC 136 Intro to Network Science

3.00 credit hours

This course introduces students to Network Science with applications for infrastructure, informational, biological, political, and relational emergency management systems. Topics include social network formation, diffusion processes such as epidemics or internet sharing, and techniques such as social network analysis. Through interdisciplinary examples, students learn about key aspects of disaster management networks and basic tools to analyze and visualize them.

Prerequisites: CSC 131

CSC 210 Career Preparation Seminar I

4.00 credit hours

A seminar format discussion led by CSE faculty on topics in the areas of computer science and engineering. The seminar may include meetings with guest speakers, discussion of assigned readings, exploration of scientific literature, and reflective writing.

Prerequisites: None

CSC 211 Career Preparation Seminar II

4.00 credit hours

A seminar format discussion led by CSE faculty on topics in the areas of computer science and engineering. The seminar may include meetings with guest speakers, discussion of assigned readings, exploration of scientific literature, and reflective writing.

Prerequisites: None

CSC 230 Introduction to Programming

3.00 credit hours

This is an introductory level course in programming using Visual Basic (VB). Fundamental programming design concepts are introduced using flow charts and pseudo codes and fundamentals of structured and object-oriented programming. Students are taught how to design, code, and execute programs using structured and object-oriented programming languages decided by the department (C++/Java). The two courses must include the implementation of competitive

programming projects.

Prerequisites: MTH 131 or higher

CSC 231 Computer Programming I

3.00 credit hours

Includes fundamentals of computer program design, flow charts and pseudo codes, and fundamentals of structured and object-oriented programming. Students are taught how to design, code, and execute programs using structured and object-oriented programming languages decided by the department (C++/Java). The two courses must include the implementation of competitive programming projects.

CSC 232 Computer Programming II

3.00 credit hours

These two courses include fundamentals of computer program design, flow charts and pseudo codes, and fundamentals of structured and object-oriented programming. Students are taught how to design, code, and execute programs using structured and object-oriented programming languages decided by the department (C++/Java). The two courses must include the implementation of competitive programming projects.

CSC 233 Introduction to Discrete Structures

3.00 credit hours

The course includes elements of set algebra, partitions, and counting techniques. Boolean algebra, graphs, trees, grammar, basic theory of groups, and finite state machines. The course also includes the applications of these structures in computer science.

Prerequisites: CSE 138 and MTH 131

CSC 234 Data Structures & Algorithms

3.00 credit hours

The course includes basic concepts of data, linear lists, arrays and strings, representation of trees and graphs, hashing, sorting, and search algorithms. Multi-linked structures, files, and storage allocation and collection.

Prerequisite: CSC 242

CSC 235 Data Analysis in Research

3.00 credit hours

This course will provide a skill set to analyze data to make data-driven decisions in biomedical research, the healthcare industry, or business environments. It includes an introduction to research methods, data visualization, and basic statistics using data analysis software. This course satisfies the Integrated Studies, Global Studies, and Emergent Fields pillar requirements in the Liberal Studies curriculum.

Prerequisites: CSC 131 and MTH 131 or higher

CSC 236 Intro to Medical Informatics

3.00 credit hours

The field of Medical Informatics deals with the storage, retrieval, and use of information in health care and medicine. In addition to fundamental principles this course will introduce students to the electronic health records, decision support systems, security issues, information retrieval, bioinformatics, public health informatics, imaging informatics, nursing informatics and consumer health informatics. Upon completion of the course, the students will be able to explain

Healthcare data management, electronic medical records, Health IT software, computerized ECG, EEG and EMG, computer assisted medical imaging, and Magnetic Resonance.

Prerequisites: CSC 131
Liberal Studies Pillar: IG

CSC 238 Introduction to Information Security

3.00 credit hours

This course provides a background, foundation, and insight into the subject of information security and assurance. The students will have a comprehensive understanding of threats, cryptography, attack detection/ response, regulations, and information system risk management.

CSC 239 GIS Mapping

3.00 credit hours

GIS Mapping GIS (Geographic Information Systems) is a computer-based tool that uses spatial (geographic) data to analyze and solve real-world problems. This course is designed to introduce the student to the basic principles and techniques of GIS. The lab material will emphasize GIS data collection, entry, storage, analysis, and output using ArcGIS.

CSC 241 Computer Programming I with Lab

4.00 credit hours

This course introduces core programming basics, computer program design, flow charts, pseudo codes, and fundamentals of structured and object-oriented programming including data types, control structures, algorithm development, and program design with functions.

Prerequisites: This course does not require any pre-requisite

CSC 242 Computer Programming II with Lab

4.00 credit hours

This course introduces advanced theory, design, and implementation of structured and object-oriented programming languages. In addition, the course is designed to present data flow, control structures, program units, and storage management.

Prerequisite: CSC 241

CSC 330 Systems Analysis & Design

3.00 credit hours

The course introduces the students to system concepts, tools, and software engineering approach to the analysis and design of systems to meet the needs of the organization. The course also includes case studies.

Prerequisites: CSC 241

CSC 331 Applications Programming

3.00 credit hours

The focus of this course is the use of structured and object-oriented programming Languages (Java/C++), in the design and implantation of medium and high-level programming projects. The projects should reflect practical applications from the information technology area, including business, computer science and engineering applications.

Prerequisite: CSC 234

CSC 332 Computer Networking

3.00 credit hours

This course introduces computer networking technologies, including architectures, protocols, and interfaces. The students will have a solid understanding of the fundamentals of computer networks and major protocols. They will also gain experience in the design and analysis of network protocols through simulation and analytical models.

CSC 333 Computer Organization & Architecture

3.00 credit hours

This course covers computer interconnection structures, central processing unit, instruction format and execution, memory organization and addressing techniques, micro-programmed control, I/O programming and interrupt handling, assembly language programming, parallel processing, pipelining and RISC architecture.

Prerequisites: CSC 242

CSC 334 Introduction to Operating Systems

3.00 credit hours

This course consists of a brief history of operating systems, major functions of modern operating systems including process management, input/output systems, memory, management, and file and data management, as well as design consideration and comparison between widely used modern operating systems.

Prerequisite: CSC 242

CSC 335 Internet Programming

3.00 credit hours

This course covers HTML, XML Java programming, web site design and implementation using various links to databases and other web sites and applications on E-commerce.

Prerequisite: CSC 331

CSC 336 Introduction to Bioinformatics

3.00 credit hour

This course introduces students to DNA structure and replication, genetic code and human genome project, genome sequence acquisition and sequence analysis, pairwise and multiple sequence alignments, database searches, and some case studies. The students will be able to analyze, develop and implement tools that enable efficient access and management of different types of information and will be able to use UNIX, and PERL for pattern recognition and searches.

Prerequisites: CSC 131 or (LS 135, HON 110) or Departmental approval

CSC 337 Introduction Programming Languages

3.00 credit hours

This course covers fundamental characteristics, syntax, and structure of several major programming languages, plus formal specifications of syntax, data types, operations, subroutine subprograms, statement types, and program structure, run-time representation of programs and data, program linkage, and data transfer between programs.

Prerequisite: CSC 242

CSC 338 Introduction to Programming Language

3.00 credit hours

This course covers fundamental characteristics, syntax, and structure of several major programming languages, plus formal specifications of syntax, data types, operations, subroutine subprograms, statement types, and program structure, run-time representation of programs and data, program linkage, and data transfer between programs.

Prerequisites: CSC 242

CSC 339 Bioinformatics Programming

3.00 credit hours

This course introduces students to programming for bioinformatics. The Human Genome Project has produced a large amount of molecular data currently stored in databases around the world. Students learn how to manipulate sequences and other biological data. Programming languages such as Python, suitable for manipulating textual data and pattern searching, is used to extract, modify, and manipulate data.

Prerequisite: CSC 336 (Cross listed as BIO 336)

CSC 421 Introduction to Theory of Computing I

3.00 credit hours

This course covers the fundamental concepts of automata theory, finite state and Turing machines, grammars and parsing techniques.

Prerequisites: CSC 242 and CSC 233.

CSC 422 Introduction to Theory of Computing II

3.00 credit hours

This course covers the fundamental concepts of automata theory, finite state and Turing machines, grammars and parsing techniques.

Prerequisite: CSC 421.

CSC 430 Risk Analysis and Management

3.00 credit hours

This course is designed to teach students the principles of risk analysis and management. Students will be taught how to employ risk analysis and management principles to create coordinated and fiscally sound uses of resources to minimize, monitor, and control risks. Risks must first be identified before they can be prioritized and managed. Students will be taught risk analysis methods that capture the uncertainty associated with the risk assessment. Students will then explore risk management strategies.

CSC 431 Computer and Network Forensics

3.00 credit hours

This course provides a comprehensive understanding of computer and network forensics, including methodology, laws/regulations, and industry standards. The students will learn to use software packages for identifying, analyzing, recreating, investigating, and addressing cyber-based crime.

Prerequisite: CSC 238

CSC 432 Data Mining

3.00 credit hours

This course discusses how data mining technologies are used to transform large quantities of data into information to support tactical and strategic decisions in business and bioinformatics. We will discuss applications of data mining technologies in customer relationship management (CRM), direct marketing, ecommerce, finance, and retailing. Although we discuss some workings of the technologies, the

focus of the course is learning when and how to use the technologies in business and bioinformatics applications. We approach the material from two perspectives, a business analyst and a bioinformatics specialist. The course is designed primarily for students taking a Minor in Bioinformatics and those concentrating in information systems.

Prerequisites: Consent of the Department

CSC 433 Explorations in Genomics /Bioinformation

3.00 credit hours

This is a research-based course in Genomics. The students will learn to annotate genomic sequences in two steps. In the first step, structural annotation and genomic elements are identified. This includes defining genes, boundaries, gene elements like coding regions, gene structure, regulatory motifs, ORFs, exons, introns, promoters etc, characterization of putative protein products and other features in primary genomic sequence. The second step, functional annotation, applies biological information to genomic elements. It includes regulation, expression, and assigning biochemical and biological functions to the gene.

Prerequisites: BIO 336, CSC 336, or Departmental approval.

CSC 434 Network Management

3.00 credit hours

The course will focus on developing skills and necessary knowledge for students to install, manage, and troubleshoot small/medium sized enterprise network. Students will be exposed to practical network management skills in this course. The topics include configuration of various network components of LAN & WAN, installing and configuring client and server machines, configuring network routing, setting up firewalls & network appliances, network commands, monitoring tools, and management tools.

CSC 435 Special Topics in Bioinformatic Algorithms

3.00 credit hours

This course provides an introduction to the algorithmic techniques applied in bioinformatics. Students learn to use software packages for processing biological information and are able to develop algorithms for sequencing, comparing sequences, finding patterns and structures, motifs, visualizing, and gene prediction. Various algorithms included in this course are exhaustive search, greedy algorithms, dynamic programming algorithms, divide-and-conquer algorithms, and combinatorial pattern matching.

Prerequisites: BIO 336/CSC 336

CSC 436 Topics in Computer Science

3.00 credit hours

A course designed to expose students to current and new developments in computer science.

Prerequisite: Permission of Department

CSC 437 Software Engineering

3.00 credit hours

Introduction to software processes, software requirements analysis and specifications, planning a software process, software requirements analysis and specifications, planning a software project and function-oriented design, objects-oriented design, coding and testing,

Prerequisite: CSC 234

CSC 438 Database Processing

3.00 credit hours

The course covers files and data structures for the database environment, logical and physical organization of a database, data models and query languages, concept of normal forms, data independence, security, integrity, and concurrency. Some special database packages may be included, such as db2 and Oracle.

Prerequisite: CSC 234

CSC 439 Data Communications

3.00 credit hours

The course covers fundamentals of data communications, protocols, architecture, standards, data communications hardware and software, and communications media, LANs, WANs, MANs, network topology and applications, intersystem connectivity, network management, shared media and switched networks, servers, video teleconferencing fundamentals, ISDN networks and ATM.

Prerequisite or Corequisite: CSC 334

Criminology (CRM)**CRM 131 Introduction to Criminal Justice**

3.00 credit hours

This course is designed to introduce students to the criminal justice system in America. It provides a comprehensive survey of current theories and practices in the field of criminal justice. Included in the course is a study of the principal functions of law enforcement agencies, courts, and correctional institutions, as well as a survey of criminology theory.

CRM 230 Crime and Society

3.00 credit hours

An analysis of current issues in criminal justice with an emphasis on opposing viewpoints. Students learn to understand and evaluate the debates surrounding issues and how they relate to race, economics, politics, morality, and ethics. Students are encouraged to develop and express an educated opinion on the topics explored. (Offered Every Year).

CRM 231 Foundations of the Intelligence Community

3.00 credit hours

This course provides a foundation, basic knowledge and understanding of the elements of the intelligence community. Students will gain a comprehensive understanding and theoretical overview of the history of intelligence, legal and regulatory issues related to intelligence, and sources of information from which intelligence is derived. This course will also employ the creative, analytical, and critical thinking skills needed to assess best practices used by intelligence professionals.

CRM 233 Ethics and Criminal Justice

3.00 credit hours

This course is an examination of the relationships between ethics, crime and justice in American society. The course will focus on ethical responsibilities and limitations in the criminal justice system, the role of law enforcement, agencies, courts, punishment and correctional agencies. Offered Alternate Semesters.

Prerequisite: CRM 131

CRM 237 Juvenile Delinquency

3.00 credit hours

An analysis of the antisocial behavior of youth with emphasis on causes, consequences, and prevention efforts. Contemporary issues of juvenile adjudication and treatment are also addressed.

Prerequisite: CRIM 131. (Offered Every Year).

CRM 332 Law Enforcement & the Community

3.00 credit hours

Critical exploration of police personnel and practice in the context of communities served by police. Emphasis is placed on community policing as a model for modern law enforcement. Prerequisite: CRIM 131. (Offered Every Year).

CRM 333 Terrorism

3.00 credit hours

This course offers a foundation for understanding the events of September 11th and their aftermath. Further, this course will challenge students to think critically not only about the harrowing events of the recent past, but also their historical roots. The focus will be on research, investigations, intelligence threats, and policy making that has produced a new understanding about the threat of terrorism and the changing and dangerous nature of the national and international security environment.

Prerequisite: CRM 131. (Offered Every Year).

CRM 334 Criminal Investigation

3.00 credit hours

This course exposes students, through lectures and hands-on experiences, to the techniques and application of criminal investigative procedures. Students are introduced to all types of criminal investigation including child abuse, crime scene, and white-collar crime. Prerequisite: CRIM 131 or permission of instructor.

CRM 335 Institutional Corrections

3.00 credit hours

Course will examine institutional corrections including prisons and penitentiaries, including the history of penology, punishment and corrections in this country, the structure, functions, and operation of institutions. Prisoners, prison life, and prisonization (imprisonment) are also discussed. Issues, challenges, and trends in institutional corrections will be examined. Offered Alternate Semesters.

Prerequisite: CRM 131

CRM 336 Community-Based Corrections and Re-Entry Programs

3.00 credit hours

This course will be an examination of the structure, functions and effectiveness of community corrections programs including probation, parole, and reentry programs. This course will also examine deinstitutionalization improvement, community-based treatment centers, community service agencies, work release programs, and current trends, issues and challenges in community corrections. Offered Alternate Semesters.

Prerequisite: CRM 131.

CRM 338 Homeland Security

3.00 credit hours

This course is a survey of Homeland Security. It will examine natural and technological hazards, including terrorism, which may be a threat to the United States and its territories. Attention will be on events that shape public policy and the various government organizations

responsible for Homeland Security. The course will also examine the role of intelligence in mitigating and responding to security threats.
Prerequisite: CRM 131.

CRM 339 Criminology
3.00 credit hours

An examination of both classical and contemporary theories of crime, its causes, consequences, and prevention. Offered Alternate Semesters.
Prerequisite: SOC 131

CRM 430 Administration of Criminal Justice Organizations
3.00 credit hours

The course will examine public administration of theories, practice, and principles in the areas of law enforcement, courts, and correctional agencies. Course content varies and is designed to meet current needs and interests in the rapidly changing field of criminal justice administration.
Prerequisite: CRM 130

CRM 432 Social Research I
3.00 credit hours

An introduction to the techniques and methods of scientific inquiry. This course must be completed with a grade of C or better before enrolling in CRIM 490. (Spring Semester Only) Prerequisite: CRIM 131 and nine credit hours of Criminology or the consent of instructor. Offered Alternate Semesters.

CRM 433 Social Research II
3.00 credit hours

An intensive study of research procedures with special emphasis on qualitative research and preparation for the Senior Investigative Paper. Offered Alternate Semesters.
Prerequisite: SOC 131 and CRIM 432. (Fall Semester Only)

CRM 434 Drug Enforcement
3.00 credit hours

This course is designed to acquaint students with the legal, social, and health issues associated with illicit drug use in the United States. The course covers the history, regulation, pharmacology, and the law enforcement and interdiction strategies used both domestically and internationally.
Prerequisite: CRIM 131 or permission of instructor.

CRM 435 Criminal Law
3.00 credit hours

The course focuses on how constitutional procedures govern the behavior of law enforcement in a democratic society. Emphasis is placed on the professional application of procedural law and the elements of substantive criminal law.
Prerequisite: CRIM 131 or Law 230. (Offered Every Year)

CRM 436 Internship in Criminology
3.00 credit hours

Through placement in a criminal justice agency or social service agency, students put into practice the concepts, methods, and theories learned in coursework. Students work 120 hours at an agency during a semester. Course may be taken twice. Offered Every Semester.
Prerequisite: CRIM 131.

CRM 437 American Criminal Courts

3.00 credit hours

This course is an in-depth examination of American jurisprudence, including the history, evolution, and structure of the American criminal courts system. Trends in American court systems, such as domestic violence and Drug Courts, will be addressed. This course will also examine the issues and challenges in the criminal court process. Offered Alternate Semesters.
Prerequisite: CRM 131.

CRM 490 Senior Paper in Criminology
3.00 credit hours

The course is designed to help students achieve a synthesis of social science knowledge culminating in the writing of the Senior Investigative Paper.
Prerequisite: CRIM 131, CRIM 432, and CRIM 433.

CRM 494 Special Topics in Criminal Justice
3.00 credit hours

Advanced study of special topics in criminal justice. May be repeated for a total of twelve credit hours.

Cultural Studies (CST)

CST 131 Introduction to Cultural Studies
3.0 credit hours

This course introduces students to cultural studies, an interdisciplinary field that examines the ways in which cultural processes and artifacts are produced, circulated, regulated, and consumed. Cultural studies employs diverse analytical and interpretive techniques from a variety of disciplines (including but not limited to literary studies, anthropology, communication, history, philosophy, and others) to examine, contextualize, and explore the ways in which power works to shape culture. Students will survey a range of significant works from the field that critically explore and "read" cultural texts through a variety of lenses (race, class, gender, etc.) and position these texts in broader historical, social, ethical, and political contexts. LSP: IG
Prerequisite: ENG 131

CST 231 Introduction to Cultural Theory
3.00 credit hours

This course introduces students to a range of theories and interpretive strategies central to the field of cultural studies. Topics include defining and contesting "popular" culture, race and representation, gender and sexuality, Marxism, structuralism and post-structuralism, postmodernism and post-colonial theory. LSP: HU

CST 232 Intro to Critical Studies in Race
3.00 credit hours

Drawing on the work in the field of Critical Studies, this course introduces students to a variety of theoretical approaches to the study of race in the United States. Students will survey the history of

Critical Studies in Race in their various philosophical formations. After a historical survey of the field, students will identify how Critical Studies in Race engages the historical scope of various disciplines that critically engage race in popular culture, economics, law, and criminal justice. LSF: IG

CST 233 Intro to Gender and Sexual Studies

3.00 credit hours

This course will provide an overview and analysis of gender and sexuality, focusing on exploring the relationship between gender, gender roles, sexuality, and global social institutions (the economy, family, religion, education). Focus will be given to social institutional changes and social movements. LSF: IG

CST 234 Introduction to Popular Culture

3.00 credit hours

Drawing on work in the field of Cultural Studies, this course introduces students to a variety of theoretical approaches to the study of popular culture. Students will survey a range of definitions and theories related to mass media and popular culture that focus on issues of ideology, power, and identity formation across a variety of sites, including film, television, popular music, social media, and digital gaming. LSP: HU

CST 321 Critical Race Theory

3.00 credit hours

This course will examine the political debates in the U.S. over Critical Race Theory (CRT). Students will engage the theoretical routes of CRT as a legal theory to develop a clear definition of its inception and reception. After examining Critical Race Theory proper, students will parse the ways in which CRT now circulates both the Right and the Left to examine the ways in which CRT is deployed in the popular sphere. As such students will also engage the subtle differences between Critical Race Theory - a theory of legal deconstruction - and Critical Race Studies - a broader academic interdisciplinary perspective. LSF: IG

CST 332 Rapsody's Eve and Hip-Hop Feminism

3.00 credit hours

In this course, students will explore the roots and routes of hip-hop feminism through Rapsody's 2019 release EVE. Eve's track list features track title with names of significant black women through history. Through critical readings, discussion, and multimedia expression, we will examine the history behind Rapsody's artistic representation of these women. This course features a particular focus on the roots of feminist thought among Black North Carolinians, including examination of the legacies of North Carolina artist and thinkers like Nina Simone, Anna Julia Cooper, and Roberta Flack. Additionally, students will look at hip-hop's history to engage with albums from women hip hoppers in multiple eras. Using critical reading and listening skills, students will present original research on hip-hop history, hip-hop feminist criticism, and critical theory. LSP: HU

Data Science (DCS)

DSC 130 Introduction to Data Science

3.00 credit hours

This course is an introduction to data science and the practice of working through the entire data life cycle to inform decisions across various domains. Using real-world data, students will learn the basics of commonly deployed analytical methods and tools including data wrangling, cleaning, sampling, analysis, and visualization. Students will apply strategies to generate knowledge and use data to explore social problems and ethical implications. Upon completion, students will have gained a foundational understanding and related competencies in many facets of effective use of data.

DSC 131 Introduction to Programming for Data Science

3.00 credit hours

This course is an introduction to basic programming, computational thinking and extraction for data analysis. Using beginner-friendly methods and programs that manipulate different types of data, students will leverage tools and libraries for data programming. Students will also learn to efficiently extract and curate relevant datasets from multiple data storage sources.

Prerequisite: DSC 130

DSC 132 Data Visualization and Communication

3.00 credit hours

This course introduces key concepts in data exploration, data visualization, and visual storytelling. Topics include concepts and methods used in graphical representation of data such as exploration and ethical reporting of data, visual reasoning, and basic interactive design methods. Upon completion, students should be able to effectively use graphical tools and presentation skills to communicate insights about data with demonstrated understanding of social implications and context.

Prerequisite: DSC 130

DSC 133 Responsible Artificial Intelligence

3.00 credit hours

This course provides an introduction to responsible artificial intelligence (AI) and explains where bias in AI systems comes from, who it impacts, and how to mitigate it. This course will explore fundamental global challenges and concerns, including accountability, equity, fairness, and transparency in AI systems. Upon completion, students will know the fundamentals and principles of responsible artificial intelligence.

Prerequisites: None Liberal Studies Pillar: IG

DSC 430 Advanced Data Science

3.00 credit hours

This course explores advanced data science methods, machine learning technologies, and design thinking practices. Students will learn to apply these techniques to address key industry problems. Several open-source technologies including python and Jupyter notebooks, and the artificial intelligence platform IBM Watson will be used. Students will learn about different roles in data science teams and the course will prepare those who want to start a career in Data Science. Students that successfully complete course readings, labs and the final exam can earn the IBM Data Science Practitioner digital badge.

Prerequisites: DSC 130 or CSC 235 or MTH 136 or MTH 231 or PSY 233 or BUS 233 or MTH 438.

DSC 435 Data Science Practicum

3.00 credit hours

In this course, students will engage directly in the use of knowledge from data science and intradisciplinary courses in an industrial, community or research setting. Faculty sponsored practicums require 40 hours on-site or in the classroom per credit hour. Accordingly, the student must have 120 hours for this 3-credit-hour course.
Prerequisite: Consent of the Department.

DSC 439 Special Topics in Data Science

3.00 credit hours

In this course, special topics covering new advances in data science are selected and offered by the Department. The topic covered by the course may change from one semester to another. May be repeated when the topic varies.
Prerequisite: Consent of the Department.

Economics (ECO)

ECO 230 Economics for Non-Business and Economics Major

3.00 credit hours

This is an economics course which is designed for students who may or may not be majoring in Business Administration and Economics. The objective of this course is to provide the basic foundation of our economic system in terms of how our economic system determines what to produce, how to produce, and how to distribute the resulting products. This course does not require any prerequisites.

ECO 231 Principles of Macroeconomics

3.00 credit hours

An introductory course in Principles of Macroeconomics. The course deals with the scope and methodology of economics as a social science, the analysis of demand and supply, national income, unemployment and inflation, theory of national income determination, money and banking, fiscal and monetary policy, and international economics.

Prerequisites: MTH 132 or higher or the permission of the instructor

ECO 232 Principle of Microeconomics

3.00 credit hours

This course examines the fundamental Principles of Macroeconomics. It studies the essentials of demand and supply analysis, behavior of consumers, analysis of the firms under different forms of markets, factor price determination, and market failures.

Prerequisites: Econ 231 or permission of the instructor

ECO 233 Economic Statistics

3.00 credit hours

Principles of applied business statistics, collection of tabulation, classification, and presentation of business and economic data.

Cross-listed with BUS 233

Prerequisites: MTH 132 or higher, excluding MTH 133 and MTH 136

ECO 332 Urban & Regional Economics

3.00 credit hours

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ECO 334 International Economics & Social Problems

3.00 credit hours

A comprehensive view of the international field of exchange, production and distribution.

Prerequisites: ECO 232

ECO 335 Microeconomic Theory

3.00 credit hours

Examination of value and distribution theory, including the theory of consumer behavior and theory of firms.

Prerequisites: ECO 231 and ECO 232

ECO 336 Macroeconomic Theory

3.00 credit hours

An analysis of the national income level, employment and price levels.

Prerequisites: ECO 335

ECO 431 Industrial Org & Regulation of Bus

3.00 credit hours

A discussion of market structures and problems of public policy created by the attempt at their control and regulation.

Prerequisites: ECO 336

ECO 432 Economic Development

3.00 credit hours

A study of the economics of underdeveloped countries with major concentration on African countries.

Prerequisites: ECO 335 and ECO 336 or permission of instructor

ECO 437 Public Finance

3.00 credit hours

An economic analysis of the rationale for public expenditures and taxation. Externalities, pollution and public policy, income redistribution and public welfare, cost benefit analysis, taxation and state policy, state and local finance and fiscal federalism.

Prerequisites: ECO 232 or permission of instructor

ECO 438 Environmental Economics

3.00 credit hours

This course focuses on the use of economics in understanding pollution, congestion, conservation, and other environmental problems. Relevant economic models such as pricing schemes, damage functions, and benefit-cost analysis are studied. Pollution taxes, regulations, marketable permits, and subsidies considered in

designing alternative in the incentive system are also studied, as well as non-market decision making as an alternative in the area of public policy.

Prerequisites: ECO 232 or permission of instructor

English Language and Literature (ENG)

ENG 131 Composition

3.00 credit hours

A study of composition with an emphasis on the writing process, the coherence and support of arguments, Standard Written English syntax and grammar, information literacy, and critical reading. The course culminates in a research paper based on critical reading and information literacy training with formal MLA documentation. Note: Students must receive a grade of C or higher to satisfactorily complete the course. LSF: RH

ENG 232 Studies in World Literature

3.00 credit hours

An introduction to literature, poetry, fiction, and drama from around the world (Africa, Asia, Europe, South and North America).

Prerequisite: ENG 131. LSP: HU

ENG 233 Business Writing

3.00 credit hours

Techniques of writing and other organizational contexts, including letters, reports, studies, and publicity materials. (Same as COM 240)

ENG 234 English Language, Literature, and Literacy

3.00 credit hours

An introduction to the English major that includes an overview of the study of literature and how the canon (and sub-canon) is formed as well as an introduction to research methods and technological tools available to majors. Required for all English majors.

ENG 235 English Methods

4.00 credit hours

This course focuses on the research methods and methodology common to the English Major. Topics include, but are not limited to, MLA and Chicago Manual of Style formats, research methodology, and common reference material and databases. May be repeated twice for credit.

ENG 238 Elements of Fiction

3.00 credit hours

Craft-based instruction in specific formal issues of the fiction tradition. Emphasis on structure, narrative design, aesthetics and prose assignments will include readings, analysis, exercises, etc. Prerequisites for enrollment: ENG 232 or prior consent of instructor.

ENG 296 Topics in English

3.00 credit hours

This course provides a sophomore-level examination of a particular topic in language or literature. The course may be repeated for credit in cases where students take courses in different topics. Prerequisite: a grade of C or better in ENG 131 or equivalent placement. LSP: HU

ENG 320 The Arthurian Cycle: The Early Material to the Romances

4.00 credit hours

An examination of the Arthurian Tradition's origins and development from the Welsh Triads, the Mabinogion, and Gawain and the Green Knight, through Geoffrey of Monmouth and Chretien de Troyes. LSP: HU

ENG 321 The Arthurian Cycle: Mallory

1.00 credit hours

An examination of Mallory's *Le Morte d'Arthur*, its sources, and historical context. LSP: HU

ENG 322 C The Arthurian Cycle: Later Interpretations

1.00 credit hours

An examination of post-Mallory interpretations of the Arthurian cycle, which may include Tennyson, T. H. White, J. R. R. Tolkien, and the film *Excalibur*. LSP: HU

ENG 323 Writing for Social Media: Short Form

1.00 credit hours

An examination of short form writing for social media (e.g., memes and Twitter). This includes both an examination of this kind of writing, the practice and application of this kind of writing, and the ethics involved in this kind of writing (e.g., who has the right to an image used in a meme). LSP: HU

ENG 324 Writing for Social Media: Standard Form

1.00 credit hours

An examination of standard writing for social media (e.g., Facebook posts, blog posts, and comments found appended to articles -- like news reports). This includes both an examination of this kind of writing, the practice and application of this kind of writing, and the ethics involved in this kind of writing (e.g., cyberbullying). LSP: HU

ENG 325 Writing for Social Media: Long Form

1.00 credit hours

An examination of long form writing for social media (e.g., full length articles designed for socially driven sites like The Huffington Post). This includes both an examination of this kind of writing, the practice and application of this kind of writing, and the ethics involved in this kind of writing (e.g., "link-bait" headlines, how and when should online writers be paid). LSP: HU

ENG 330 Chaucer

3.00 credit hours

Detailed study of *The Canterbury Tales* and *Troilus and Criseyde*. Attention to Middle English and medieval culture. Study of changing critical approaches to Chaucer.

ENG 331 Advanced Composition

3.00 credit hours

Uses a variety of readings as a basis for essay writing with sophisticated rhetorical and organizational strategies. Emphasis is on elements of style, integration of source, varieties of argumentation, and length. LSP: HU

ENG 333-334 British Literature

3.00 credit hours each

A survey of British literature from *Beowulf* to selected works of the present time. (Offered Alternate Years) LSP: HU

ENG 335-336 American Literature

3.00 credit hours each

A survey of American literature from selected works of the Colonial Period to the present time. (Offered Alternate Years) LSP: HU

ENG 337 Creative Writing

3.00 credit hours

Study of theory and techniques of the short story, the essay, the novel, and poetry. Individual experimentation in the various genres. May be repeated once for credit with permission of the instructor, but only three hours may be counted toward English major requirements. Prerequisite: Consent of instructor. LSP: HU

ENG 338 Literature and Media for Adolescents

3.00 credit hours

A study of literature and media for adolescents. Open to students of intermediate and secondary education, as well as to in-service teachers.

ENG 339 Shakespeare

3.00 credit hours

A study of at least twelve plays (eight in detail).

ENG 346 Fiction Writing Workshop

3.00 credit hours

Study in theory and techniques of fiction writing. Taught in the workshop model in which craft classes are coupled with classroom critique of the student's original fiction, followed by revision of his or her own manuscript. Assignments include readings, analysis, peer critique and exercises culminating in a publishable piece of original fiction.

ENG 347 Creative Nonfiction Writing Workshop

3.00 credit hours

Study of the theory and techniques of a variety of creative nonfiction genres as specified by the instructor. These genres could include writing for the web, blogging, travel writing, family genealogy/history writing, and others. Craft classes are combined with workshops of the student's original creative nonfiction, followed by student revision of the manuscript. Assignments include readings, peer critique, and exercises culminating in a publishable piece of original creative nonfiction.

ENG 348 Poetry Writing Workshop

3.00 credit hours

Study of the craft of poetry writing. Craft classes are combined with workshops of the student's original creative poetry, followed by student revision of that manuscript. Assignments include readings, peer critique, and exercises culminating in a publishable piece of original poetry.

ENG 349 Memoir

3.00 credit hours

Study of Memoir as a genre separate from creative nonfiction. Selected readings specified by the instructor will focus on contemporary memoirs published since 2000. Assignments include craft classes, readings, analysis, and workshop, culminating in a publishable piece of an excerpt from a memoir.

ENG 350 The Dark Age and Medieval Literature of Britain

1.00 credit hours

A study of the canonical works of literature in Old and Middle English. LSP: HU

ENG 351 English Renaissance Writers other than Shakespeare

1.00 credit hours

A study of Shakespeare's contemporaries in the English Renaissance. LSP: HU

ENG 352 The English Civil War, the Restoration and the Enlightenment

1.00 credit hours

A study of English-speaking writers on both sides of the Atlantic from the period of the English Civil War through the Enlightenment period. LSP: HU

ENG 353 Romantic and Gothic Literature

1.00 credit hours

A study of the English Romantics, the Transcendentalists, and writers of the Gothic. LSP: HU

ENG 354 Abolitionist Literature and the American Civil War

1.00 credit hours

A study of slave narrative tradition and the literature surrounding the American Civil War. LSP: HU

ENG 355 The Gilded Age

1.00 credit hours

A study of American writing following the Civil War. LSP: HU

ENG 356 The Victorians

1.00 credit hours

A study of British Victorian writers. LSP: HU

ENG 357 The First World War and the Lost Generation

1.00 credit hours

A study of the World War I writers and the writers of the Lost Generation that came after, and wrote in response to, World War I. LSP: HU

ENG 358 The Harlem Renaissance

1.00 credit hours

A study of the Jazz Age and the writers of the Harlem Renaissance. LSP: HU

ENG 359 The Modernists

1.00 credit hours

A study of the Modernist Movement, as it expressed itself on both sides of the Atlantic. LSP: HU

ENG 360 The Postmodernists

1.00 credit hours

A study of the Postmodernist Movement, as it expressed itself on both sides of the Atlantic. LSP: HU

ENG 361 Contemporary Literatures

1.00 credit hours

A study of recent and contemporary works in English from the English-

speaking world. LSP: HU

ENG 362 Global Slave Narratives

3.00 credit hours

This course introduces students to 18th and 19th Century slave narratives, autobiographical accounts written by slaves themselves about their experiences of capture, abuse, defiance, and survival within the confines of “the peculiar institution” known as slavery. The first-hand accounts emanate from countries like Cuba, Puerto Rico, Jamaica, the Dominican Republic, Haiti, the United States, and countries on the African continent. LSP: HU

ENG 364 Irish Literature

3.00 credit hours

A study of Irish literature in English. Varying choice of subject matter from year to year. This course satisfies the Humanities Pillar requirement in the Liberal Studies Program.

ENG 390 Studies in Textuality: Advanced Reading

3.00 credit hours

A cross-disciplinary study of culturally important works via the methods of textual inquiry. A work’s ability to convey meaning is explored as both a feature of its content (plot, argument, or ideas) and of its textuality (how it behaves in relation to historical systems of discourse). Recommended for all students who wish to increase their proficiency as readers.

ENG 392 Screenplay Writing

3.00 credit hours

A practical course in the writing of a production-standard screenplay. Attention to the principal techniques of formatting, structuring, and timing. The course also includes a comprehensive study of successful screenplays. (Same as VPT 323)

ENG 410 Theory and Practices in Professional Writing (Technical/Scientific)

3.00 credit hours

A study of the theory and practice of technical and professional writing. Emphasis is on elements of style, layout, and length.

ENG 412 Classical Rhetoric

3.00 credit hours

A study of rhetorical theory and application of the classical world, as defined by writers like Aristotle and Cicero.

ENG 426 The Contemporary Graphic Novel

3.00 credit hours

This course will explore the contemporary long-form graphic novel by placing it in both its global and theoretical contexts. Core readings will be selected from works published since 2000. Assignments will include readings, analysis, exercises, etc.

ENG 427 Southern Literature

3.00 credit hours

The study of the poetry, fiction, and drama of the South. Selected readings specified by the instructor will focus on such works as William Faulkner, Eudora Welty, Maya Angelou, Alice Walker, Gwendolyn Brooks, and others. Assignments will include readings, analysis, exercises, etc.

ENG 429 The Teaching of English

3.00 credit hours

A study of philosophies, materials, and techniques used in teaching language, literature, and composition in grades 7-12.

ENG 430 Milton

3.00 credit hours

Selected prose and all the English poems of Milton.

ENG 431 English Literature of the Restoration and the Eighteenth Century

3.00 credit hours

A study of English literature from the Restoration to 1798.

ENG 432 The Bible as Literature

3.00 credit hours

A nonsectarian literature course that aims to lead the student – as a lay reader – to an understanding and appreciation of the sacred writings of the Christian tradition as literature. It is a research-oriented course with a strong hermeneutical emphasis as opposed to a text-analysis emphasis.

ENG 433 Modern Drama

3.00 credit hours

Extensive reading and study in the works of representative European and American dramatists. Attention to purpose, theme, and techniques. (Same as VPT 323, formerly Drama 433.)

ENG 435 Studies in Romantic Literature

3.00 credit hours

A detailed study of the Romantic Movement, including the major English poets – Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats – and a broad understanding of the significant prose of the period.

ENG 436 Studies in Victorian Literature

3.00 credit hours

A study of the major post-Romantic poets. Varying choice of subject matter from year to year.

ENG 437 Contemporary Literature

3.00 credit hours

Study of outstanding figures of American literature from 1945 to the present. Choice of authors and subjects vary from year to year.

ENG 439 Principles of Literary Criticism

3.00 credit hours

Review of the history of Western criticism, study of developments in literary theory, and guided experiences with practical criticism.

ENG 440 The British Novel

3.00 credit hours

A historical and critical survey of British fiction from the eighteenth century to the present. Varying choice of subject matter from year to year.

ENG 441 The American Novel

3.00 credit hours

A historical and critical survey of American fiction from the nineteenth century to the present. Varying choice of subject matter from year to year.

ENG 450: JCSU Publishing Workshop

3.00 credit hours

This course studies the theory and practice of producing documents for publication in physical and digital formats. The class will spend a portion of its time working on one or more projects that will culminate as an official JCSU publication, including but not limited to the student research journal and the literary magazine.

ENG 476, 477, 478 Internship

One to 3.00 credit hours

Supervised work in a professional environment, offering practical experience in a relevant field. Forty hours of work time are required for each hour of credit; a maximum of 120 hours of work is required. Students must also write a paper on the experience. Prerequisite: consent of instructor.

ENG 490 Senior Seminar

3.00 credit hours

This is a research seminar where students write their Senior Investigative Papers. It is required of all English majors. Students must earn a grade of C or above in order to satisfy one of the Departmental graduation requirements. Prerequisite: A successful Prospectus Defense.

ENG 491 The English Language

3.00 credit hours

A study of the principles of language study, with special attention to the historical and linguistic forces that have affected the development of the English language.

ENG 493 Modern English Grammar

3.00 credit hours

Rapid review of traditional grammar and current usage problems, followed by descriptive analysis of the structure of present-day English in the light of recent research in linguistics.

ENG 494-495 African American Literature

3.00 credit hours each

A survey of African American literature from its beginnings to the present, with the first half of the survey covering works up to the Harlem Renaissance and the second from the Harlem Renaissance to the present.

ENG 496-497-498 Special Topics in English

One to six credit hours

Detailed investigation of a special topic in language or literature.

ENG 489: Topics in Digital Storytelling

1.00, 2.00, 3.00 credit hours

This course examines digital storytelling within a topical context. Students both study digital narratives and learn how to create their own digital narratives within the context of the course topic. May be repeated for credit so long as the topics are different. May be cross listed with other Digital Storytelling courses.

ENG 499 Independent Study

One to six credit hours

A planned and structured project cooperatively defined by student and faculty. Students are permitted to contract to complete work in the areas of language, writing, or literature. Students earn one, two, or three credit hours according to the scope of work completed. May be taken again for three additional hours of credit.

Prerequisite: Consent of instructor.

Entrepreneurial Studies (ENT)

ENT 231: Introduction to Entrepreneurship

3.00 credit hours

This course teaches students what will be involved in launching and operating a new venture. Using a combination of experiential exercises and case studies, students develop a hands-on understanding of the difficulties associated with launching new ventures. Also includes an introduction to intrapreneurship. Both entrepreneurial and traditional business organizations seek employees with initiative and an innovative approach. Emphasis on understanding the perspective of the chief executive officer and supporting his/her objectives efficiently. This course is designed to add knowledge and promote one's advancement within a business organization by being a more useful and productive employee. Focus on creating successful business plans.

ENT 330: Innovative Thinking and Creativity

3.00 credit hours

Provides a myriad of artist-led programs built to offer experiential programs for individuals, teams, groups, and organizations. The course is not designed to make you an artist, but rather to instill the critical and innovative thinking that artists apply throughout their creative process. This experiential process of artist led learning results in behaviors that challenge, connect and stimulate change within yourself and the people you lead.

ENT 331: Business Innovation

3.00 credit hours

This course will focus on the discipline of the creative process, its development and management, and its application within organizations. The course will coordinate with faculty and community organizations to provide students a foundation for creating and developing a business idea. The topics include but are not limited to multi-disciplinary definitions and theories of creativity and innovation, the development of creative ability and its application and management within organizations, and the development of an individual creative process by exploring multiple creative outlets, culminating in a completed creative project.

ENT 334: Funding Your Business Venture

3.00 credit hours

This class concentrates on developing a knowledge of the asset classes in early-stage funding, both equity and debt, including money from family and friends, crowdfunding, angels (both individual and networks) early and mid-stage venture capital, private equity, incubators (both for profit and not for profit), and debt from venture debt funds and special commercial banks. Much of the class is taught from the entrepreneur's perspective.

ENT 335: Entrepreneurial Marketing

3.00 credit hours

An examination of marketing theory, concepts, and processes used by

entrepreneurial companies to create customer value while accomplishing their strategic mission and objectives. This course will focus on the marketing challenges in an entrepreneurial firm; we will investigate how marketing tools can enable entrepreneurs to realize the full potential of their ideas.

ENT 490: Special Topics
3.00 credit hours

Detailed investigation of special topics determined by the instructor, that permits advanced work of an interdisciplinary nature. May be repeated for credit.

Esports and Gaming Management (ESG)

ESG 230 Introduction to Esports and Gaming Management
3.00 credit hours

This course will provide students with an overview of the esports and gaming industries, including, but not limited to, the history of esports and the influences that game developers possess in the industry. The course will also provide insight regarding the structure of organizations, as well as branding and career opportunities.

ESG 331 Esports Business and Trends
3.00 credit hours

This course will introduce students to the structures of an esports organization and the skills required to manage different stakeholders. Students will gain insight regarding how to develop a brand. Prerequisite: ESG 230.

ESG 332 Esports Events and Gaming Project Management
3.00 credit hours

This course will provide students with the fundamentals of managing small- and large-scale Esports events. The essential components of building, managing, and closing esports events and projects will also be discussed. Prerequisite: ESG 230.

ESG 333 Principles of Esports and Gaming Marketing
3.00 credit hours

This course explores the dynamic world of marketing within the esports and gaming industry. Students will gain an understanding of the unique characteristics of this rapidly growing sector, including audience demographics, platforms, trends, and monetization strategies. Students will develop practical skills in creating industry marketing strategies tailored to esports organizations, gaming brands, and related products and services, as well as an understanding of how to effectively market these entities. Prerequisite: ESG 230.

ESG 430 Esports Gaming Technology
3.00 credit hours

This course will introduce students to the devices and technologies utilized in the esports and gaming industries, particularly those utilized when executing small- and large-scale events and tournaments. Prerequisite: ESG 230.

ESG 435 Esports and Gaming Internship
3.00 credit hours

This course will provide students with practical experience working in

the esports and gaming workplace. Each student will be responsible for acquiring a minimum of 120 contact hours in supervised esports and/or gaming work environment. Prerequisite: ESG 230.

ESG 490 Special Topics in Esports and Gaming Management
3.00 credit hours

An occasional or experimental course focusing on a specific topic designed to provide advanced study in an area of special interest in esports and gaming management. This course is required for all students minoring in Esports and Gaming Management. Prerequisite: ESG 230.

Ethics (ETH)

ETH 131 Introduction to Ethics
3.00 credit hours

This course explores the basic sources and methodologies of selected systems of ethical reasoning from a global perspective and applies them to contemporary problems in individual and social ethics. This course is cross listed as PHI 234 Ethics. There are no Prerequisites for this course. LSP: IG

ETH 231 History of Western Social and Political Ethics II
3.00 credit hours

This course will introduce students to major ethical developments in Western social and political thought from the Pre-Socratics through the Protestant Reformation, including key ideas such as the nature of sovereignty and the source of legitimate authority, the nature of justice, the form of the state, the nature of property, and the nature and rights of citizenship. Although both ETH 231 and 232 are required for the Ethics minor, they do not need to be taken in sequence.

Prerequisite: ETH 131 or permission of instructor.

ETH 232 History of Western Social and Political Ethics I
3.00 credit hours

This course will introduce students to major ethical developments in Western social and political thought from the end of the 16th century to the present, including the shift from monarchy to nation state, the development of social contract theory, capitalism, constitutional government, modern democracy and related concepts of liberty and social equality, and developments of the idea of justice, as well as the ideologies of socialism, fascism, and national socialism. Although both ETH 231 and 232 are required for the Ethics minor, they do not need to be taken in sequence.

Prerequisite: ETH 131 or permission of instructor.

ETH 233 Christian Ethics
3.00 credit hours

The course introduces students to the biblical, theological, and philosophical sources of Christian ethics from a global perspective, and to the most significant approaches to questions of personal and social ethics in the Christian tradition, especially in relation to current social problems.

Prerequisite: ETH 131 or permission of the instructor.

ETH 331 Comparative Religious Ethics
3.00 credit hours

Students will explore global religious and philosophical perspectives on

the meaning of a good life and a good society. This course involves a comparative study of social ethics in several world religions, with special attention to selected contemporary issues.
Prerequisite: ETH 131 or permission of instructor.

ETH 333 Social Analysis and Ethical Reflection
3.00 credit hours

This course will introduce students to exemplary works of social analysis and cultural criticism from the mid-19th century forward, focusing (with a few exceptions) on work grounded in social science that crosses traditional disciplinary boundaries to more fully grasp the ethical crises of modern societies.
Prerequisite: ETH 131 or permission of instructor.

ETH 431 Special Topics in Ethics
3.00 credit hours

This course explores advanced research on specific topics related to ethics. This course can be repeated for credit when the topics change.
Prerequisite: ETH 131 or permission of instructor.

Finance (BAF)

BAF 231 Introduction to Financial Planning
3.00 credit hours

An introduction to the field of financial planning as a profession as well as a collection of topics concerning development and implementation of individual financial plans. The course provides an overview of the personal financial planning process, including development of goals and objectives, forecasting lifetime income and expenditures, evaluating alternative investments, money management, risk management, taxation, retirement, and estate planning.

BAF 330 Business Finance
3.00 credit hours

An introduction to the basic concepts of financial management, focusing on the financial environment and markets, financial analysis, risk, the valuation process, capital budgeting, time value of money, working capital management, and international markets.
Prerequisites: ACC 235.

BAF 331 Money and Banking
3.00 credit hours

An examination of money, the U.S. financial system, central banking, monetary theory, stabilization policies, inflation, and international financial considerations.
Prerequisite: ACC 235, ACC 236, ECO 231, ECO 232.

BAF 332 Commercial Bank Management
3.00 credit hours

An analysis of the theory, issues, and practice of commercial banking from a financial management perspective. Includes the use of bank computer simulation.
Prerequisite: BAF 330 and BAF 331.

BAF 333 Financial Statement Analysis
3.00 credit hours

This course presents the concepts and techniques of financial analysis as employed by the external users of financial statements of publicly-traded companies that are prepared according to the Generally

Accepted Accounting Principles. The objective of the course is utilizing accounting information in making investing, lending, and other managerial decisions.
Prerequisites: ACC 235 and BAF 330.

BAF 334 International Finance
3.00 credit hours

An introduction to the special financial problems encountered by a business or commercial bank operating in the international environment. Emphasis is given to cross-border transactions and risks, international financial markets and institutions, and the financing of foreign trade and operations.
Prerequisites: BAF 330. Offered in alternate semesters.

BAF 335 Cash Management
3.00 credit hours

This course provides an application of corporate financial management concepts to the firm's short-term investment and financing decisions.
Prerequisite: BAF 330.

BAF 336 Wills, Trusts, & Estate Planning
3.00 credit hours

This course provides an understanding of federal estate and gift tax systems and discusses the role of the tax system, wills, and trusts in estate planning within the perspective of an individual's long-term goals. Topics include federal estate and gift taxation; various estate planning techniques; trusts; life insurance as an estate planning tool; intra-family business and property transfers; planning for incapacity; and divorce planning.
Prerequisite: BUS 336.

BAF 337 Retirement Planning
3.00 credit hours

A comprehensive study of personal, government-sponsored, and employee-sponsored retirement plans within the perspective of achieving an individual's retirement goals. Prerequisite: BUS 336.

BAF 339 Risk Management & Financial Planning
3.00 credit hours

This course examines the nature of risk and explores the principles of risk management from individual and business perspectives. The course covers tactics, techniques, and strategies for the management of life, health, long-term care, property, liability, and disability risk exposures.
Prerequisite: BAF 330.

BAF 430 Corporate Finance
3.00 credit hours

An advanced study of a firm's financial strategy involving its long- and short-term investments, financing, and dividend decisions.
Prerequisite: BAF 330.

BAF 431 Investments
3.00 credit hours

An investigation of the investment environment and the concepts and practices of security analysis and portfolio management. Includes the use of computer simulations.
Prerequisite: BAF 330.

BAF 432 Financial Institutions and Markets

3.00 credit hours

An introduction to money and capital markets, financial intermediation, and bank and non-bank financial institutions as they relate to the supply and demand of loanable funds.

Prerequisite: BAF 331.

BAF 433 Special Topics in Finance

3.00 credit hours

This course studies selected topics of special interest in finance that are not covered in other offered courses. The content of the course is tailored to the interests of the instructor and the needs of the students. This course may be repeated with the permission of the advisor.

BAF 435 Series 7 Preparation Course

3.00 credit hours

This is an exam preparation course covering topics related to the General Securities Registered Representative Exam (Series 7). This course will expose students to topics currently covered by the Series 7 examination including (but not limited to) corporate, equity/fixed-income securities, local/state/federal government, securities, derivative securities, and investment company products. This course is not affiliated with FINRA, the Series 7, exam provider, and does not exempt students from the examination eligibility requirements.

Prerequisites: BAF 330 or equivalent. The course caters to Business Administration majors with a concentration in Finance or Accounting but is appropriate for any major with the skill set and desire to pursue a career in finance or insurance.

French Language and Literature (FRE)**FRE 131 Elementary French I**

3.00 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of French/Francophone culture. LSF: NL

FRE 132 Elementary French II

3.00 credit hours

A continuation of French 131 in an ever-increasing interactive classroom environment with emphasis on expansion of vocabulary and grammatical concepts as well as exposure to the concrete reality of culturally diverse attitudes and behaviors. Prerequisite: FRE 131 or placement by examination. LSF: NL

FRE 231 Intermediate French I

3.00 credit hours

Emphasis on communicative and writing skills. Short basic readings, conversation, grammar, and aspects of culture. Prerequisite: FRE 132 or 133 or equivalent.

FRE 232 Intermediate French II

3.00 credit hours

A continuation of French 231 with more reading, conversation, and composition. Strong emphasis on developing facility in oral and written expression. Prerequisite: FRE 231 or equivalent.

FRE 235 Internship in French

3.00 credit hours

One semester of full-time real-life experience in the field where French majors apply their academic knowledge and skills to the workplace. Prerequisite: FRE 232 or permission of instructor and subject to Departmental approval. (Work experience unrelated to the French major is considered a part-time job.)

FRE 236 French for Business and Technology

3.00 credit hours

Acquisition and use of financial, legal, commercial, telecommunication, and modern technological terminology in French. Written and oral exercises include establishing a resume, writing a business letter, conducting an interview and making a business presentation in French. Prerequisite: FRE 232 or permission of instructor.

FRE 237 France and the Francophone World

3.00 credit hours

Introduction to contemporary French social and political institutions, attitudes, and values with an emphasis on current events. Taught in English. Prerequisite: Any introductory French course or permission of instructor.

FRE 238 French/Francophone Film

3.00 credit hours

Introduction to the French/Francophone cinematic tradition. Directors studied include Cocteau, Godard, Truffaut, Sembene, Tlili, and Kassovitz. Taught in English.

FRE 330: Advanced Cyber French Grammar and Conversation I

3.00 credit hours

This is a transitional course from the advanced intermediate to the advanced level designed to develop functional competency in composition and conversation. Emphasis is placed on the ability to express ideas on multiple issues and contents. The computer assisted teaching and learning approach will generate interest by actively engaging the students in developing presentational skills through writing and speaking.

Prerequisite: FRE 232 or permission of instructor.

FRE 331: Survey of French Literature and Culture

3.00 credit hours

An Introduction to the significant authors and trends in French Literature from the Middle Ages through the Twenty First Century. The Course will be conducted in French. Prerequisite: FRE 232 or permission of instructor.

FRE 333 Advanced French Conversation, Grammar, and Composition

3.00 credit hours

Review of French grammar and guided conversation based on prepared topics. Progressive development of writing skills in French. Emphasis is on different types of writing (memoire, explication de texte, exposé) based on literary selections. Conducted in French. Prerequisite: FRE 232 or permission of instructor.

FRE 334 Applied French Phonetics

3.00 credit hours

Formal study of the rules of French pronunciation and their application to modern standard French. Extensive practice in reading and speaking with proper rhythm and intonation.

Prerequisite: FRE 232 or permission of instructor.

FRE 335 Cooperative Education in French

3.00 credit hours

Two to three semesters of full-time, real-life experience in the field where French majors apply their academic knowledge and skills to the workplace. *Prerequisite:* FRE 232 or permission of instructor and subject to Departmental approval. Notes: 1) Participation in the co-op program (two-to-three semesters of full-time work related to the French major) must be approved by the Director of Cooperative Education prior to advance registration. 2) Under the Cooperative Education Program, a one-semester assignment is considered an internship. 3) Work experience unrelated to the French major is considered a part-time job.

FRE 336 Gender and Relationships in French/Francophone Literature

3.00 credit hours

Readings and discussions on novels and short stories of the twentieth century portraying relationships between the sexes from both male and female points of view and how they have evolved over the years. Typical authors include Sembene, Bebey, Beti, Ojono, Bâ, Beyala, Ngosso Kouo, Rawiri, Traoré, Abibatiou, Yaou, Zanga Tsongo, Condé, Schwart-Bart, Wagna-Vieyra, and Chauvret.

Prerequisite: Any 300-level French course or permission of instructor.

FRE 337 Techniques in Translation of French

3.00 credit hours

Practice in oral and written two-way translation using various types of documents and discourses. Focus on a series of problems in translation linked to specific linguistic functions such as description, narration, advertisement, and report. Students are required to reflect critically on the way in which two languages work as they translate a variety of literary and non-literary texts.

Prerequisite: FRE 232 or permission of instructor.

FRE 390 Junior Seminar

3.00 credit hours

Further development of oral and written expression in French. Introduction to research approaches and techniques in French as well as presentation of major schools of literary criticism and textual analysis through applied readings. Generation of a formal research prospectus through the development of a research problem, search of the literature, and production of an annotated bibliography.

Prerequisite: FRE 331 or 332 or permission of instructor.

FRE 395/495 Field Study in a French-speaking Country

6.00 credit hours

First-hand study of the French language, literature, and/or civilization abroad. *Prerequisite:* Any introductory French course or permission of coordinator. NOTE: Credit hours of academic program abroad subject to Departmental approval and proper filing in the Registrar's Office prior to departure.

FRE 430 French Civilization

3.00 credit hours

Introduction to the history, art, and social institutions from the beginnings through the twentieth century as primary forces in the development of French culture. Special attention to contemporary France. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 431 French Literature of the Middle Ages

3.00 credit hours

Study of major literary works, with an emphasis on the development of the French language and literary style. Authors studied include Villon, Christine de Pisan, and Chrétien de Troyes. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 432 French Literature of the Renaissance

3.00 credit hours

Study of major literary styles and works of the era. Authors studied include Montaigne, DuBellay, Ronsard, and Rabelais. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 433 French Literature of the Seventeenth Century

3.00 credit hours

Study of major literary works, with an emphasis on the importance of Classicism. Authors studied include Corneille, Descartes, La Fontaine, Molière, Pascal, and Racine. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 434 French Literature of the Eighteenth Century

3.00 credit hours

Study of major literary works, tracing the movement from Classicism to Enlightenment. Authors studied include Montesquieu, Voltaire, Diderot, and Rousseau. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 435 French Literature of the Nineteenth Century

3.00 credit hours

Study of major literary works, tracing the development of Romanticism, Realism, and Naturalism. Authors studied include Lamartine, Chateaubriand, Hugo, Stendhal, Balzac, Flaubert, Zola, and Baudelaire. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 436 French Literature of the Twentieth Century

3.00 credit hours

Study of major literary works, and their relationship to other disciplines. Authors studied include Gide, Proust, Breton, Saint-Exupéry, Ionesco, Camus, Sartre, and Duras. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 437 Francophone Literatures of Africa and the Caribbean

3.00 credit hours

Study of major literary works and movements from each area, with focus on negritude and the question of cultural identity. Authors studied include Senghor, Césaire, Sembene, Bâ, Oyono, and Labou Tansi. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 438 Francophone Literature of the Maghreb

3.00 credit hours

Study of major literary works from North Africa focusing on the question of cultural identity. Authors studied include Kateb, Khatibi, Ben Jelloun, Djébar, Memmi, and Chraïbi. Conducted in French.
Prerequisite: FRE 331 or permission of instructor.

FRE 439 Francophone Civilization

3.00 credit hours

Introduction to the expanse of Francophone cultures beyond Europe. Emphasis is on the development of France's colonial empire, la mission civilisatrice, and post-colonial relations among Francophone nations. Conducted in French. Prerequisite: FRE 331 or permission of instructor.

FRE 440 France Today and the European Union

3.00 credit hours

This course will review a brief history of the European integration and a description of the community's institutions, common programs, single market, currency, education and training. How does this new Europe relate to the rest of the world, including the USA? What is the future of this type of union? Examining the issues about the French and the European identity? This course is an intensive practical effort aiming not only at linguistic competency but also at cultural proficiency. We will rely on online resources and print media for our resources.

Prerequisite: FRE 232 or permission of instructor.

FRE 450: Women's Voices/Writers from the Francophone World

3.00 credit hours

This course will study women discourse in novels from the Francophone World: North and Sub-Saharan Africa, the Caribbean, Vietnam, and Quebec. The existing literary corpus by women will be examined.

Authors may include: Mariama Bâ, Calixthe Beyala, Maryse Condé, Anne Herbert, Leïla Sebber, Elulla Perrin and Kim Lefvre. Topics of interests like family, marriage, polygamy, love, confinement, education, politics, social class and cultural identity will be explored.

Prerequisite: FRE 232 or permission of instructor.

FRE 489: Topics in Digital Storytelling

1.00, 2.00, 3.00 credit hours

This course examines digital storytelling within a topical context. Students both study digital narratives and learn how to create their own digital narratives within the context of the course topic. May be repeated for credit so long as the topics are different. May be cross listed with other Digital Storytelling courses.

FRE 490 Senior Seminar

3.00 credit hours

Collaborative research seminar supplemented by individual sessions with faculty in which all French majors write and defend their Senior Investigative Paper. To be taken during the Fall semester of the senior year. Conducted in French. Prerequisite: FRE 331 and 390 or permission of instructor. NOTE: Students with an incomplete in French 390 cannot register for this course.

FRE 496-497-498 Special Topics in French

3.00 credit hours

Focus on issues related to France and the Francophone World which include themes such as colonial and post-colonial alienation, the struggle for civil rights, race, gender, revolt, the struggle for cultural and political identity, and literary phenomena of significance. May be repeated for credit. Normally taught on a one-time basis; not intended to

form a permanent part of the French core. Issues studied may generate topics for the Senior Investigative Research Paper.

Prerequisite: Any 300-level French course or above or permission of instructor.

FRE 499 Independent Study

One to 3.00 credit hours

A planned and structured project cooperatively defined by student and faculty. The student is permitted to complete work in the areas of French language, literature, and/or culture. Students may earn 1.00, 2.00, 3.00 credit hours, based on the scope of work. Multiple enrollments under different projects for a maximum of six credit hours. Open to French and French majors. Prerequisite: Any 300-level French course or above or permission of instructor.

Geography (GEO)

GEO 131 Introduction to Geography

3.00 credit hours

An introduction to essential themes and elements of physical, cultural, economic, political, and social geography. Interpreting thematic maps and other graphic representations.

German (GER)

GER 131 Elementary German I

3.00 credit hours

This course is designed for students without prior knowledge of German. We will begin the survey of German vocabulary and grammar to develop the skills of reading, listening, writing and speaking German.

In addition, we will begin to learn about the German culture.

Prerequisites: None. LSF: NL

GER 132 Elementary German II

3.00 credit hours

This course continues the introduction to German. We will learn additional vocabulary and grammar to broaden our ability to read, understand, speak and write German.

Prerequisite: GER 131. LSF: NL

GER 135 Intensive Introductory German

6.00 credit hours

This intensive course covers Elementary German I and Elementary German II in one semester. It provides an introduction to German by emphasizing vocabulary and grammar to develop the skills of reading, listening, writing and speaking German. In addition, we will begin to learn about the German culture. LSF:NL

GER 231 Intermediate German I

3.00 credit hours

Building on material from Elementary German I and Elementary German II, this course expands our knowledge of German vocabulary and grammar and increases the range of topics that we can cover in speaking and writing German.

GER 232 Intermediate German II

3.00 credit hours

This course is a continuation of German 231 and emphasizes reading, understanding, speaking, and writing German. In addition, a strong focus will be given to developing greater facility in oral and written production of German.

GER 395/495 Field Study in a German-speaking Country

6.00 credit hours

First-hand study of the German language, literature, and/or civilization abroad. Prerequisite: Any introductory German course or permission of coordinator. NOTE: Credit hours of academic program abroad subject to Departmental approval and proper filing in the Registrar's Office prior to departure.

GER 489: Topics in Digital Storytelling

1.00, 2.00, or 3.00 credit hours

This course examines digital storytelling within a topical context. Students both study digital narratives and learn how to create their own digital narratives within the context of the course topic. May be repeated for credit so long as the topics are different. May be cross listed with other Digital Storytelling courses.

Health (HED)**HED 131 Personal Health**

3.00 credit hours

A lecture courses discussing topics such as preventive health care, nutrition, coping in today's society, decision-making, diseases, drugs, love and the human life cycle, etc.

HED 132 Personal Health and Wellness

3.00 credit hours

A lecture and physical activity course focusing on topics such as Preventive health care, nutrition, physical activity, coping in today's society, decision making, diseases, drugs, love and the human life Cycle. This course satisfies the Foundation requirement in the Liberal Studies Program.

HED 230 Introduction to Health Education

3.00 credit hours

This is the first course for students majoring in Health Education. It is designed to provide: an overview of the field, information concerning career opportunities and professional growth and practical experience in an area of interest with a minimum of ten (10) hours of observation at an outside agency or organization.

HED 231 Health and Nutrition

3.00 credit hours

This course deals with nutritional needs of the human body and the Implications for healthful living.

HED 232 Human Sexuality and Family Living

3.00 credit hours

This course deals with concepts concerning sexuality and implications for self, school and society.

HED 233 Community Health

3.00 credit hours

A study of the health aspects of the community such as sanitation, pollution, disease, etc. and their implications for society.

HED 234 Healthful Living

3.00 credit hours

This course provides the student with knowledge and techniques of health as it affects personal, professional, and family living. Health careers are also an aspect of this course. This course requires students to become certified in First Aid and CPR.

HED 235 Drugs and Drug Education

3.00 credit hours

This course is concerned with the effects of the use and the abuse of drugs, alcohol and tobacco on the individual and society. Drug education techniques are also a part of this course. This course features a service-learning component. (FORMERLY HED 225).

HED 236 Women's Health

3.00 credit hours

This course explores the field of women's health and its relationship to both the lives of women and to understanding broader culture and society. It is designed to give the student a basic scientific understanding of the major differences between the sexes, the influence these differences have on illness and health outcomes, and the implications for policy, medical research, and health care.

HED 310 Independent Study

1.00 credit hours

A course designed to provide intensive work in an area of special interest or a required topic in health education. This course is available to qualified students upon recommendations from their academic advisor and the instructor related to the topic.

HED 320 Independent Study

2.00 credit hours

A course designed to provide intensive work in an area of special interest or a required topic in health education. This course is available to qualified students upon recommendations from their academic advisor and the instructor related to the topic.

HED 327 Safety and Emergency Care

2.00 credit hours

This course is designed to aid the student in developing the knowledge and skills essential for safety measures and emergency care procedures. Successful completion of this course carries American Red Cross certifications in first aid, cardiopulmonary resuscitation and possibly a certification as an instructor.

HED 330 Independent Study

3.00 credit hours

A course designed to provide intensive work in an area of special interest or a required topic in health education. This course is available to qualified students upon recommendations from their academic advisor and the instructor related to the topic.

HED 332 Health Education & Physical Activity in Elementary Schools

3.00 credit hours

This course is designed to assist students in developing knowledge and skills in planning curricula, defining instructional objectives, and writing lesson plans to enhance their effectiveness in teaching health education and physical activity content at the elementary school level.

HED 333 School Health Problems

3.00 credit hours

This course is designed to provide the student with a working knowledge of the Coordinated School Health Program in schools and the major health issues affecting today's students. Techniques for identifying problem areas, designing and implementing change strategies, and evaluating the results are also part of this course.

HED 334 Program Planning and Evaluation

3.00 credit hours

The process of planning, implementing, and evaluating health programs in the community. Total program development will be emphasized with attention given to designing community health programs, overcoming community resistance, selecting appropriate educational methods, and conducting evaluation activities.

HED 335 Minority Health Problems & Issues

3.00 credit hours

This course is designed to discuss the social characteristics of minority populations, mortality and morbidity indicators, prevention strategies, and recommendations by the Department of Health and Human Services.

HED 336 Death and Dying

3.00 credit hours

This course will examine the cultural perception, trends, economic and emotional factors associated with death and dying.

HED 337 Environmental Health

3.00 credit hours

This course examines the physical, chemical, and biological factors external to a person and all the related factors impacting behaviors. It encompasses the assessment and control of those environmental factors that can potentially affect health as they relate to preventing disease and creating health-supportive social and cultural environments

HED 338 Health Research I

3.00 credit hours

The first of two formal courses that facilitate the writing of the senior investigative paper. The student will complete a proposal for their senior paper as an outcome of this course. To accomplish this outcome, students will learn research methods and strategies necessary to complete an acceptable proposal for their senior investigative paper.

HED 395 Human Lactation

3.00 credit hours

The didactic component of the lactation program provides students comprehensive breastfeeding and human lactation education. Students will be provided with the basic medical sciences as well as public health and social work perspectives, including consideration of equity, population and program-based applications associated with human lactation. Attendance at breastfeeding conferences and other pre-approved coursework will also be an important part of each student experience. Enrollment into the course by permission only.

HED 396 Human Lactation II

3.00 credit hours

Continuation of HED 395. The didactic component of lactation education provides students comprehensive breastfeeding and human lactation education. Students will be provided with the basic medical sciences as well as public health and social work perspectives, including consideration of equity, population and program-based applications associated with human lactation.

Prerequisite: HED 395, Human Lactation

HED 430 Health Research II

3.00 credit hours

This is the second of two formal courses that facilitates the writing of the senior investigative paper. The purpose of this course is to expose students to significant issues, methodology, and research in the field of health education, and to investigate an area of major interest for the senior paper. The students will complete their senior investigative paper as an outcome of this course.

HED 433 Internship

3.00 credit hours

A supervised internship in a professional work environment which will provide the student with exposure to the job market in sport-related businesses and public health agencies. Each student will be responsible for 120 hours of work and be required to present detailed descriptions of work activities and experience.

HED 434 Methods and Materials in Teaching

3.00 credit hours

This course is designed to provide the student with the opportunity to develop knowledge and competencies in the use of effective methods of teaching health education and the effective use of resources. Best practices as they relate to the National Health Education Standards, the North Carolina Standard Course of Study, and educational technology are also a part of this course.

Prerequisites: Health Education 333

Corequisites: EDU 312 (must be taken concurrently)

HED 435 Epidemiology

3.00 credit hours

This course introduces students to principles and concepts in epidemiology through lectures, discussion groups, assigned readings and exercises. Students are given the opportunity to acquire an understanding of principles and concepts, the vocabulary of epidemiology, methods of epidemiological investigation, and the interpretation and evaluation of reports of epidemiological research.

HED 436 Health Administration

3.00 credit hours

Introductory course in health administration. Background of health care, health policy, the healthcare delivery system, health care access, health finance, the pharmaceutical industry, and ethics will be explored.

HED 437 Applications in Health Communications

3.00 credit hours

A course designed to introduce the student to the many facets of health communication. Understanding of theoretical frameworks in health, health literacy, and levels of communication will be explored. Practical experience in design and production of health educational materials utilizing health communication channels will be required.

HED 438 Social & Behavioral Aspects of Global Health

3.00 credit hours

This course covers the behavioral, social, and cultural aspects of health and disease. Students learn how behavioral and social theories are relevant to health promotion and disease prevention efforts and in relevant to health promotion and disease prevention efforts in behavior-based safety efforts. They also learn how factors protect or erode health at multiple levels (including

individual, community, societal, and global levels) and how interventions are developed to improve health by addressing critical factors at each of these levels. The course also addresses the roles of culture, race, and ethnicity in the conceptualization of health and illness.

HED 439 Queer Studies

3.00 credit hours

In this course, students will explore the field of queer studies- its relationship to both the lives of lesbian, gay, bisexual, and transgender (LGBT) people and to understanding of broader culture and society. Particular attention will be given to the relationships between discrimination and oppression, and health and wellness. Health disparities in the LGBT population will also be explored. Issues will be explored using interdisciplinary approaches that incorporate the intersecting questions of race, class, gender, and nationality alongside sexuality and gender identity. We will cultivate analytical tools developed out of feminist and LGBT political movements.

Prerequisites: ENG 131

HED 444 Leadership in Healthcare

3.00 credit hours

This course provides students with a solid jump start in senior leadership roles as well as public health and administrative management. Content considers equity, population and program-based applications, the social determinants of health, and factors and barriers specifically affecting African Americans. This course is rooted in providing knowledge to align leaders with their respective areas of impact by introducing executive level and C-Suite level decision making tactics and discussions. Cross listed as BUS 444.

HED 490 Special Topics in Health

3.00 credit hours

An occasional or experimental course focusing on a specific topic designed to provide advanced study in an area of special interest in health education. This course is an elective and is available to qualified students upon recommendations from the academic advisor and the instructor. This course may be repeated for additional credit.

HED 495 Lactation Practicum

3.00 credit hours

The clinical component of the lactation programs provides students with practical experiences related to the mother and child and includes direct observation, competency attainment, and supervised practice within inpatient and outpatient settings. It involves student experiential sharing and topic review, shadowing, and attendance at meetings. All students will complete at least 300 hours of clinical lactation experience. Enrollment in the course is by permission only. The course may be repeated for credit.

Corequisite: HED 395, Human Lactation

HED 496 Lactation Practicum II

3.00 credit hours

Continuation of HED 495. The clinical component of the lactation program provides students with practical experiences related to the mother and child and includes direct observation, competency attainment, and supervised practice within inpatient and outpatient settings. It involves student experiential sharing and topic review, shadowing, and attendance at meetings. All students will complete at least 300 hours of clinical lactation experience. Enrollment in the course is by permission only. The course may be repeated for credit. Prerequisite: HED 495, Lactation Practicum

HED 499 Birth Worker Seminar

3.00 credit hours

This course will develop the knowledge and skills of individuals to plan and facilitate childbirth education classes and serve as birth doulas. Upon completion of the course, students will be able to teach a childbirth education class and be eligible to sit for the International Childbirth Educator certification exam. In addition, students will be eligible to begin the process of becoming a certified Birth Doula.

History (HIS)

HIS 131 World Civilizations to 1500

3.00 credit hours

This course is a study of early human history and the world's major civilizations to 1500, including the strengths and weaknesses of those societies, parallel developments, and cultural interaction. LSP: IG

HIS 132 World Civilizations from 1500 to the Present

3.00 credit hours

This course is a continuation of HIS 131. The major trend during this period is the emergence of the modern world through global interaction. LSP: IG

HIS 135 History of the United States to 1865

3.00 credit hours

A study of the United States from European colonization to 1865. LSP: SB

HIS 136 History of the United States Since 1865

3.00 credit hours

A study of the United States from the conclusion of the Civil War to the present. LSP: SB

HIS 200 Historical Methodology

3.00 credit hours

This course serves as an introduction to the historical method, including a consideration of the various approaches to historical study and historiography. The course will seek to ask why and how historians have studied the past, what tools historians employ to study the past, as well as what are the many processes of historical inquiry. Students will learn how to conduct historical research in a library, in an archive, and online and to be able to develop a research methodology appropriate to a particular historical topic or theme.

HIS 231 North Carolina History

3.00 credit hours

A study of the history of North Carolina from the Colonial period to the present, with emphasis on economic, educational, and political developments.

HIS 237 Introduction to Africa

3.00 credit hours

Social life, peoples, geography, economy, politics, religion, and arts of pre-modern Africa. Survey of African history and problems facing modern Africa.

HIS 238 Modern Latin America

3.00 credit hours

This course examines the development of modern Latin American civilization from its pre-Columbian origins to the present.

HIS 239 Plantation Societies in the Americas

3.00 credit hours

This course examines the central role played by plantation agriculture in the history of the Americas from the sixteenth century to the end of the nineteenth century. How and why this single institution of production led to the formation of a single complex of economic, social, political, and cultural patterns in Brazil, Spanish South America, the Caribbean, and North America are the basic questions this course attempts to resolve.

HIS 330 American Colonial Civilization

3.00 credit hours

The study of an underdeveloped area and the economic, political, and religious life of the different colonies; the contributions of the various immigrants. Prerequisites: HIS 135 or permission of the instructor.

HIS 331 Public History

3.00 credit hours

This course is designed to familiarize students with and train them in the discipline of public history through an exploration of historic preservation, museum studies, archives, and archival management, genealogy, and oral history.

Prerequisites: HIS 135 and HIS 136.

HIS 333 Diplomatic History of the United States

3.00 credit hours

A study of the foreign policy of the United States government. Emphasis is on wars, crises, territorial expansion, peculiarities of the American position in world politics, and the formation of basic policy decisions.

Prerequisites: HIS 135 and HIS 136.

HIS 334 The American Revolution and the Federal Period: 1776-1820

3.00 credit hours

A history of the United States during the formative years of the early republic from the War of Independence to the so-called Era of Good Feelings. Considerable attention devoted to the creative personalities of the period.

Prerequisites: HIS 135 and 136.

HIS 336 Emergence of Modern America: 1865-1914

3.00 credit hours

A study of the revolutionary changes in American life from the end of the Civil War to the close of the nineteenth century, the failure of Reconstruction, the origins of racial segregation, and America's

emergence as an industrial giant.

Prerequisites: HIS 136 or permission of instructor.

HIS 337 West Africa

3.00 credit hours

An examination of selected topics in West African history, including the Sudanic empires, the slave trade, the development of coastal states, European conquest, types of colonial rule, the struggle for independence, and challenges of development.

HIS 338 Topics in African American History I

3.00 credit hours

This course will cover selected topics in African American history from the colonial period to the end of Reconstruction. Course topics will vary from semester to semester. This course may be taken twice for credit, provided the topics vary. Required for History majors.

HIS 339 Topics in African American History II

3.00 credit hours

This course will cover selected topics in African-American history from the end of Reconstruction to the present. Course topics will vary from semester to semester. This course may be taken twice for credit, provided the topics vary. Required for History majors.

HIS 392 Women's History

3.00 credit hours

This course explores the social, economic, and political movements of American women over four centuries. African American, Native American, and European-American women are studied.

Prerequisites:

HIS 135 and HIS 136 or permission of instructor.

HIS 393 History of the United States in the Twentieth Century

3.00 credit hours

This course examines the economic, social, political, and cultural changes that have occurred in the United States since 1914.

HIS 394 Early Modern Europe: 1350-1789

3.00 credit hours

A study of radical social change in Europe from the late Middle Ages to the eve of the French Revolution. Includes the Renaissance and Reformation, political absolutism, and the Enlightenment.

Prerequisite: HIS 131 and 132.

HIS 430 Nineteenth Century Europe: 1789-1914

3.00 credit hours

A study of Europe from the French Revolution to the outbreak of World War I. Includes the rise of romantic nationalism, liberal democracy, industrialism, and imperialism.

Prerequisites: HIS 132 or permission of instructor.

HIS 431 Twentieth Century Europe

3.00 credit hours

A study of World War I and its consequences; economic, social, and cultural change between the wars; the rise of totalitarian dictatorships and World War II; post-war reconstruction; the Cold War; and the current situation in Europe.

Prerequisite: HIS 132.

HIS 432 Southern Africa

3.00 credit hours

An examination of selected topics in Central and Southern Africa, including migrations, pre-European culture, European expansion, concessionaire company and settler domination, racism, African liberation movements, and the status of present conflicts.

HIS 433 The Old South

3.00 credit hours

Political, economic, social, and cultural forces in the evolution of the period 1820-1860.

Prerequisite: HIS 135 or permission of the instructor.

HIS 434 The New South

3.00 credit hours

Southern history from the end of Reconstruction to the present. A consideration of contemporary regional problems. A study of the South both in relationship and contrast to national development.

Prerequisite: HIS 136 or permission of the instructor.

HIS 435 Northern Africa

3.00 credit hours

An examination of selected topics in the history of North, North-east, and East Africa, including the beginnings of the human race, ancient civilizations of Egypt and Kush, trading civilizations of the Mediterranean and the Indian Ocean, Christian and Islamic influences, migrations, Ethiopian feudalism, European colonialism, and modern national revolutionary movements.

HIS 436-437 Topics in History

3.00 credit hours each

Various special topics that permit advanced work in different fields of historical study.

HIS 438 Internship in Public History

3.00 credit hours

A supervised internship in the area of public history designed to give students practical experience in the discipline and to make professional contacts in local public history sites, such as museums and archives. Students are responsible for a minimum of 120 hours of work and must complete a paper on their work activities and experiences.

Prerequisite: HIS 210 and HIS 331.

HIS 439 Internship

3.00 credit hours

A supervised internship in a professional work environment designed to give students practical experience as well as knowledge and skills in a relevant professional field. Students are responsible for a minimum of 120 hours of work and must complete a paper on their work activities and experiences.

Prerequisite: Permission of instructor.

HIS 490 Senior Investigative Paper I

3.00 credit hours

This course is required of all history majors and is designed to begin major work on the Senior Investigative paper. This course provides detailed instruction and supervision on beginning the research and writing process, including the preparation of the student's topic, the drafting of a prospectus, the finding and acquisition of resources, the creation of a formal bibliography, and intensive primary source research. Assignments will include writing exercises, discussions and

workshops to improve the paper style, and a formal presentation of the prospectus by the student, including a question-and-answer session from students and other history faculty, at the end of the semester. This is required of all history majors. This course will be offered each fall.

HIS 491 Senior Investigative Paper II
3.00 credit hours

This course is the second of the two-course SIP sequence. This course involves continued research and the writing of a research paper of at least 25 pages in length. The SIP will be in appropriate article style and quality, will be based upon primary sources, and will demonstrate effective critical thinking and writing. The final product for this course will be a polished final draft of the SIP and a formal presentation of the paper before students and faculty in the format of a traditional conference presentation with a time-limit and questions from the panel moderator and audience. This course is required for all history majors. This course will be offered each spring.
Prerequisite: HIS 490.

Interdisciplinary Studies (IDS)

IDS 231 Introduction to Interdisciplinary Studies
3.00 credit hours

IDS Introduction to Interdisciplinary Studies Three Credit Hours Students develop a clear framework of the differences between disciplinary, multidisciplinary, interdisciplinary, and transdisciplinary work with a focus on research integration and learn how to effectively describe and promote the value of their interdisciplinarity and their own unique course of study in the major.

IDS 296 Sole Food: Digestible Sneaker Culture
3.00 credit hours

IDS 296: Sole Food: Digestible Sneaker Culture Three Credit Hours This course addresses societal ills, life and identity within that culture, and explores the overall impact and phenomenon of sneakers on a global level. Whether an aficionado of sneaker culture or a contentious observer of the culture, this course examines the true essence of all things sneaker culture. Fulfills the Integrated Studies, Global Studies, Emergent Fields Pillar.
Prerequisites: ENG 131

IDS 300 Interdisciplinary Studies Practicum
3.00 credit hours

This course gives students the opportunity to explore connections across fields related to a theme or topic of their choice. The possibilities are many, as students work with a faculty advisor to propose and execute a project related to their degree. The practicum may entail (but is not limited to): the planning of a conference, either at the University or in their community; the execution of an activist event such as a rally; the publication of a collection of essays; the launch of a web site; the production of a documentary; the writing of a business plan; or the application of a grant. May be repeated for credit.

IDS 331 Junior Seminar
3.00 credit hours

This course introduces models of interdisciplinary research and moves through the interdisciplinary research model to achieve research integration. Students learn research skills, including mastery of various disciplinary citation styles, effective database search strategies, and development of focused interdisciplinary research questions.

IDS 431 Senior Capstone I
3.00 credit hours

IDS 431 Senior Seminar Three credit hours in this course, students complete their Senior Investigative Project from their approved proposals developed in IDS 431: Senior Capstone I. Students will add subsequent research as needed and are required to submit a completed paper or project with proper approval signatures from their readers, faculty advisor, and department chair for final approval and grade for the course. Students are also required to present their research to the department and campus at large as part of the final submission process. Required of IDS majors.
Prerequisites: a grade of C or better in IDS 431

IDS 432 Senior Capstone II
3.00 credit hours

IDS 432 Senior Capstone II Three Credit Hours The second semester of this project requires the student to meet with the appropriate professor(s) on a weekly basis during which the process of creating the final project is documented. A final research paper that undergoes numerous revisions during the course of the semester fulfills a required writing component. In addition to the substantial research paper, a presentation of the research is given in a suitable format that is discussed and refined during the course of the semester. The student's final project must be presented to the IDS Advisory Board during a presentation which is open to the public. The supervising professor(s), in a consultation with the Advisory Board, issues the final grade. Required of IDS majors.
Prerequisites: a grade of C or better in IDS 431

IDS 496 Special Topics
3.00 credit hours

IDS 496-497-498 Special Topics in Interdisciplinary Studies One, Two or Three credit hours Detailed investigation of special topics determined by the instructor which permits advanced work of an interdisciplinary nature in Liberal Arts. Enrollment by permission of instructor. May be repeated for credit and may fulfill one of the Discipline-related electives.

IDS 497 Special Topics
3.00 credit hours

IDS 496-497-498 Special Topics in Interdisciplinary Studies One, Two or Three credit hours Detailed investigation of special topics determined by the instructor which permits advanced work of an interdisciplinary nature in Liberal Arts. Enrollment by permission of instructor. May be repeated for credit and may fulfill one of the Discipline-related electives.

IDS 498 Special Topics
1.00, 2.00, or 3.00 credit hours

One, Two or Three credit hours Detailed investigation of special topics determined by the instructor which permits advanced work of an interdisciplinary nature in Liberal Arts. Enrollment by permission of instructor. May be repeated for credit and may fulfill one of the Discipline-related electives.

IDS 499 Independent Study: Internship
3.00 credit hours

IDS 499 Independent Study: Internship (Hours vary and are determined on a case-by-case basis) A planned and structured project cooperatively determined by student and instructor. Student permitted to contract work in focus of special interest. One to six hours of credit may be earned, according to the scope of the project. Students must work 40

hours for each credit hour earned for internship placements. May be repeated for credit for a different project.

Latin (LAT)

LAT 131 Elementary Latin I 3.00 credit hours

This course provides an introduction to the fundamentals of reading classical Latin. It emphasizes vocabulary, syntax, and Roman culture, which are studied by working with authentic and adapted materials from the target language.

LAT 132 Elementary Latin II 3.00 credit hours

This intensive course covers Elementary Latin I and Elementary Latin II in one semester. It provides an introduction to the fundamentals of reading classical Latin by emphasizing vocabulary, syntax, and Roman culture, which are studied by working with authentic and adapted materials from the target language.

LAT 135 Intensive Introductory Latin 6.00 credit hours

This intensive course covers Elementary Latin I and Elementary Latin II in one semester. It provides an introduction to the fundamentals of reading classical Latin by emphasizing vocabulary, syntax, and Roman culture, which are studied by working with authentic and adapted materials.

LAT 231 Intermediate Latin I 3.00 credit hours

This course continues to build proficiency in reading classical Latin. While additional vocabulary is to be acquired, this course shifts its emphasis toward training for a good grasp of Latin syntax. The study of Roman culture continues and relies on a greater number of authentic and fewer adapted texts.
Prerequisites: LAT 131, LAT 132, LAT 131/132 or placement by Examination.

LAT 232 Intermediate Latin II 3.00 credit hours

LAT 232 Intermediate Latin II Three credit hours This course continues to build proficiency in reading classical Latin. In addition to working with vocabulary, this course stresses complex features of Latin syntax. The study of Roman culture continues and relies mostly on authentic texts representing various genres.
Prerequisites: LAT 131, LAT 132, LAT 131/132, LAT 231, or placement by examination.

LAT 235 Intensive Intermediate Latin 6.00 credit hours

This intensive course covers Intermediate Latin I and Intermediate Latin II in one semester. It continues to build proficiency in reading classical Latin by emphasizing vocabulary and more complex features of Latin syntax. More authentic texts representing various genres will be used to study Roman culture.

LAT 489 Topics in Digital Storytelling 1.00, 2.00, or 3.00 credit hours

This course examines digital storytelling within a topical context.

Students both study digital narratives and learn how to create their own digital narratives within the context of the course topic. May be repeated for credit so long as the topics are different. May be cross listed with other Digital Storytelling courses.

Law (LAW)

LAW 230 Introduction to Legal Studies 3.00 credit hours

Basic information about the legal system, its history and current structure;
introduction to legal research, reading and writing. (Fall Semester).

LAW 394 LSAT Preparation 3.00 credit hours

The course is designed to assist students in developing critical reading, logical reasoning and test taking skills and preparing students to take the LSAT. (Fall Semester).

Management (MGT)

MGT 333 Principles of Management 3.00 credit hours

A study of the management process emphasizing an understanding the functions of management. Extensive coverage will be given to studying the impact of human behavior in managerial effectiveness including individual and group dynamics, motivation, leadership, teamwork, and interpersonal communication.
Prerequisites: MTH 131-137

MGT 334 Human Resources Management 3.00 credit hours

A study of human resources management theories, systems, concepts and strategies including employment and retrenchment procedures, training and development, and remuneration.
Prerequisites: MGT 333

MGT 335 Leadership & Organizational Change 3.00 credit hours

This course focuses on the influence of leadership, motivation, group dynamics, communications, and change on effective and efficient utilization and development of human resources emphasizing the role of a leader as a change agent.
Prerequisites: MGT 333

MGT 336 Business Communication 3.00 credit hours

This course focuses on the nature and problems associated with individual, interpersonal and organizational communication in business. A variety of verbal techniques will be used such as presentations, graphics, public speaking, and writing, to foster effective organizational and individual performances.
Prerequisites: MGT 333

MGT 339 Small Business Management 3.00 credit hours

Stresses the importance of small business management, methods, sources, and procedures.

Prerequisites: MTH 131-137

MGT 432 Production Control
3.00 credit hours

Development of abilities to analyze and solve production problems and formulate production policies. Introduction to quantitative techniques in production management.

Prerequisites: MGT 333

MGT 436 Organizational Behavior and Design
3.00 credit hours

An analysis of individual and group behavior and organizational structure from the perspective of goal-oriented managers.

Prerequisites: MGT 333

MGT 437 Special Topics in Management
3.00 credit hours

Permits groups of students and professor to explore areas not extensively covered in other courses. This course may be repeated for additional credit.

Prerequisites: MGT 333 or consent of instructor

MGT 438 International Business
3.00 credit hours

This course examines the unique problems faced by firms that engage in international operations. It is expected to provide students with a description and analysis of the mechanics of doing business abroad.

MGT 440 Total Quality Management
3.00 credit hours

This course is a study of a cooperative form of doing business that relies on the talent and capabilities of both labor and management to continually improve customer satisfaction, quality, and productivity using teams. The course focuses on the practice of participative management through the use of an integrated system of tools, techniques, and training measures.

Prerequisites: MGT 333

Marketing (MKT)

MKT 331 Principles of Marketing
3.00 credit hours

A course designed to show the characteristics, history and functions related to marketing. Emphasis on product definition, promotion, distribution, and pricing.

MKT 332 Advertising
3.00 credit hours

A course intended to provide an understanding of advertising, its functions in our way of life, and its role in business.

Prerequisites: MKT 331

MKT 334 Principles of Retailing
3.00 credit hours

An introduction to the structure of retailing and problems associated with the management of retail stores of various types.

Prerequisites: MKT 331

MKT 335 Fundamentals of Selling
3.00 credit hours

A course designed to provide the student with a general survey of the various careers in selling and a thorough study of salesmanship and sales management.

Prerequisites: MKT 331

MKT 336 Retail Buying and Merchandising
3.00 credit hours

This course examines the roles and responsibilities of buyers and merchandising managers that must balance (1) the needs of retailers, (2) objectives of vendors, and (3) the preferences of consumers. Consumer trends, inventory and retail store reports analysis, budgeting issues, assortment planning, merchandise displays and aids for merchandise controls and undertaken. The course is well suited to prepare students for careers as a vendor, buyer, or retailer of consumer goods and services.

Prerequisites: MKT 334

MKT 350 Consumer Behavior
3.00 credit hours

Study of the theories of consumer behavior with contributions from the social sciences. Explore the implications on human consumption, including decision – making factors that impact consumer purchasing patterns.

Prerequisites: MKT 331 or Consent of Department

MKT 355 Digital Marketing
3.00 credit hours

This course introduces the student to the general of internet marketing topics including online advertising, search, social media, and online privacy and policy implications. Course topics will also include ecommerce, ad effectiveness measurement, etc. There will be a digital marketing strategy, implementation, and executional considerations for B2B and B2C brands and provide a detailed understanding of all digital channels and platforms. The student will learn how to create campaigns and the strategies and tactics in the most popular social media platforms, as generate reports and actions based on social media analytics.

Prerequisites: MKT 331 or permission of instructor

MKT 430 Marketing Channels
3.00 credit hours

This course covers channels of distribution, from the Manufacturer (provider) to the wholesaler and retailer. Emphasis is placed on marketing decisions areas relating to the wholesaling and the overall flow of economic goods and services through these agents.

Prerequisites: MKT 331: MKT 334

MKT 431 Supply Chain Management
3.00 credit hours

This course provides a comprehensive study of the concepts, processes, and strategies used in the development and management of global supply chains. Supply-chain management (SCM) is a systems approach to

managing the entire flow of information, materials, and services from raw material suppliers through factories and warehouses to the final end-customer. Specific topics include global supply chain management, procurement, electronic commerce, information technologies, and logistics activities. SCM represents a philosophy of doing business that stresses processes and integration.

Prerequisites: MKT 334

MKT 432 Managerial Marketing

3.00 credit hours

An analysis of the nature and work of the marketing manager, who organizes, directs, and controls the various functional specialties of marketing.

Prerequisites: MKT 334

MKT 435 International Marketing

3.00 credit hours

A course designed to introduce students to the cultural, institution, political, and economic variables influencing the international marketing environment, the concept of international trade, and a framework for the development and implementation of a multinational marketing strategy.

Prerequisites: MKT 331

Mathematics (MTH)

MTH 130 Introduction to College Mathematics

3.00 credit hours

This course prepares the student to be successful in College Algebra. Topics include a review of elementary algebra, operations with rational numbers, exponents and radicals, factoring, polynomial and rational functions, equations and inequalities, and applications of these topics. The study skills needed to be successful in mathematics are an important part of this course. Placement into this course is based on the score on the Mathematics Placement Exam or by SAT/ACT data and must be made by the department only. For elective credit only.

MTH 131 College Algebra

3.00 credit hours

This course is designed to provide an investigative approach to college algebra using the computer and graphing calculator as tools. The topics covered include basic concepts of algebra, functions and graphs, polynomials and rational functions, exponential and logarithmic functions, systems of equations and solving systems of equations using matrices, sequences, and series. At least one hour per week of computer assisted laboratory instruction is required.

MTH 132 Finite Math

3.00 credit hours

Elements of finite mathematical systems for liberal arts and education students. Topics include real numbers, linear equations and straight lines, systems of linear equations and inequalities, matrix algebra, sets and counting, concepts of probability and statistics, mathematics of finance. The course relies heavily on computers and graphing calculators to develop intuition, make estimates, verify results, and check the reasonableness of answers.

Prerequisite: MTH 131

MTH 133 Survey of Practical Applications of Math

3.00 credit hours

This course explores practical applications of mathematics in daily life. Students are introduced to linear, quadratic, exponential, and logarithmic functions and some of their many applications. Students are exposed to fundamental principles of probability and descriptive statistics, including regression. Students also learn how to construct and interpret graphical representations of data. Boolean logic, Venn diagrams, and basic principles of mathematical finance are also covered. Word problems are used extensively to help develop problem-solving and critical thinking skills that can be routinely applied in daily life. Whenever possible, technology (including calculators and software applications) is used to illuminate the concepts covered in the course and assist with problem solving.

Prerequisite: MTH 130 or placement

MTH 134 Mathematics and Culture

3.00 credit hours

This course explores how mathematics is expressed globally and how it is shaped in different societies (i. e. numbering systems, nature, patterns, art, customs, activities). The topic of Ethnomathematics will be highlighted.

MTH 135 Mathematics and Personal Finance

3.00 credit hours

This course explores techniques in successful management of personal finances. Through application of mathematical and critical thinking skills and concepts, it encompasses a broad coverage of basic financial planning and decision making, taxes, managing savings, purchasing a home, the impact of credit, investments and saving for retirement.

Prerequisite: MTH 130 or placement

MTH 136 Introductory Statistics

3.00 credit hours

Descriptive and inferential statistics. Frequency distributions, population and samples, measures of central tendencies, and variation. Probability, normal, t, and chi distributions. Hypothesis testing, estimations, and confidence intervals. Linear regression.

Prerequisite: MTH 131 or by placement

MTH 137 Precalculus I

3.00 credit hours

Equations, Inequalities, and Modeling; Functions and Graphs; Exponents and Radicals; Polynomial and Rational Functions; Exponential and Logarithmic Functions; Conic sections.

Prerequisite: MTH 131 or by placement or consent of Department

MTH 138 Precalculus II

3.00 credit hours

The Trigonometric Functions; Trigonometric Identities and Conditional Equations; Applications of Trigonometry; Systems of linear equations; Matrices and Determinants; Sequences, Series, and Probability.

Prerequisite: MTH 137 or by placement or consent of Department

MTH 231 Calculus I

3.00 credit hours

Functions and graphs, slope and tangent lines, concepts of limits and continuity. Differentiation and applications in maxima and minima problems, and rates of change.

Prerequisite: MTH 138 or by placement

MTH 232 Calculus II

3.00 credit hours

Anti-derivatives, Fundamental Theorem of Calculus and definite integrals, Applications of the definite integral to area, volume, force and work, and arc length. Transcendental functions. Techniques for integration.

Prerequisite: MTH 231

MTH 233 Mathematics and Spreadsheets

3.00 credit hours

This course explores how to use a spreadsheet to enter and analyze data, set up mathematical formulas, and use various mathematical, statistical, financial, and logical functions and formatting for calculating, forecasting, presenting, and integrating data.

Prerequisites: MTH 130 or placement; CSC 131 or equivalent Liberal Studies Pillar: IG

MTH 311 Junior Seminar I

1.0 credit hour

This course will precede the Junior Seminar II course and is designed to begin the facilitation of the writing of the senior investigative paper. It will expose students to mathematical research topics and mathematical presentation tools. One contact hour each week.

MTH 312 Junior Seminar II

1.00 credit hour

This course continues the facilitation of the writing of the Senior Investigative Paper. It further enhances students' skills in developing mathematical research topics and the use of mathematical presentation tools.

MTH 330 Modern Geometry

3.00 credit hours

Logical structure and use of Euclidean geometry. The relationship of Euclidean geometry to other geometries.

Prerequisite: MTH 231 or consent of Department

MTH 331 Calculus III

3.00 credit hours

Infinite sequences and series: parametric equations and polar coordinates; vectors and geometry of space; functions of several variables, limits, and continuity; partial derivatives; and applications.

Prerequisite: MTH 232

MTH 332 Calculus IV

3.00 credit hours

Multiple integration; cylindrical and spherical coordinates; vector fields; line integrals; and Green's theorem on plane. Surface area and surface integrals. Divergence Theorem.

Prerequisites: MTH 331

MTH 333 Probability & Statistics I

3.00 credit hours

Elementary data analysis techniques, elements of probability theory, and analysis of random variables.

Prerequisite: MTH 232 or consent of the Department

MTH 334 Probability & Statistics II

3.00 credit hours

Mathematical statistics and applications. Statistical inference, correlation and regression, design and analysis of experiments, and quality control.

Prerequisite: MTH 333 or consent of the Department

MTH 335 Introductory Abstract Algebra

3.00 credit hours

Elementary set theory and logic. Mappings, groups, rings, integral domains, fields, and polynomials.

Prerequisites: MTH 231 or consent of Department

MTH 336 Introductory Linear Algebra

3.00 credit hours

Systems of linear equations, vector spaces, linear transformations, theory and applications of matrices and determinants.

Prerequisites: MTH 231 or consent of Department

MTH 337 Mathematics for Elementary School Teachers I

3.00 credit hours

This course fully supports the state and national standards for elementary teachers in that it follows a curriculum that covers essential mathematical concepts in preparing elementary school teachers for teaching mathematics in grades K-2. This is the first of a two-course sequence. Three lectures per week.

Prerequisite: MTH 132

MTH 338 Math for Elementary School Teachers II

3.00 credit hours

This course fully supports the state and national standards for elementary teachers in that it follows a curriculum that covers essential mathematical concepts in preparing elementary school teachers for teaching mathematics in grades 3-6. This is the second of a two-course sequence. Three lectures per week.

Prerequisite: MTH 337

MTH 339 Advanced Linear Algebra

3.00 credit hours

This course evaluates eigenvalues, eigenvectors, diagonalization, symmetric matrices, linear transformations, kernel and range, inverse linear transformations, similarity, applications in: differential equations, geometry, least squares fitting to data and approximation problems, Fourier series, quadratic forms, LU-decomposition, approximating eigen

values, complex numbers, modules, complex conjugates, complex vector spaces, and unitary and normal and Hermitian matrices.

Prerequisite: MTH 336

MTH 362 Applications of Mathematics

3.00 credit hours

This course is designed to cover various applications of mathematics including topics of finance, sets, and Venn diagrams, basic logic; permutations and combinations; mathematics in art and music; spreadsheets; problem solving/critical thinking (including games and puzzles); number systems; and math and culture.

Prerequisite: MTH 232

MTH 411 Senior Seminar I

1.00 credit hour

Independent investigation into the selected topic of the Senior Investigative Paper. Emphasis is placed on the skills necessary to produce a written paper, typically in the format of a journal article, plus present at a seminar on the SIP topic chosen. These are the two courses in the Senior Investigative Paper sequence.

Prerequisite: Consent of the department

MTH 412 Senior Seminar II

3.00 credit hour

Independent investigation into the selected topic of the Senior Investigative Paper. Emphasis is placed on the skills necessary to produce a written paper, typically in the format of a journal article, plus present at a seminar on the SIP topic chosen. These are the two courses in the Senior Investigative Paper sequence.

Prerequisite: Consent of the department

MTH 414 Prep for Standardized Testing

1.00 credit hour

Preparation for standardized tests such as MFAT, subject GRE, and Praxis II-Mathematics Content. Topics include test anxiety and test taking strategies, as well as a review of topics from math major courses.

Prerequisites: MTH 331, MTH 333, MTH 335, MTH 336, and a declared Mathematics Major or consent of the Department

MTH 415 Independent Study in Mathematics

1.00 credit hour

In-depth study of areas of mathematics consistent with student interest and career objectives. Written reports are required.

Prerequisite: Advanced standing and consent of Department.

MTH 416 Independent Study in Mathematics

1.00 credit hour

In-depth study of areas of mathematics consistent with student interest and career objectives. Written reports are required.

Prerequisite: Advanced standing and consent of Department

MTH 430 Topics in Analysis

3.00 credit hours

Euclidean spaces and metrics, concepts of compactness and connectedness. Continuous functions, uniform continuity, infinite sequences, and series. Uniform convergence.

Prerequisites: MTH 331 and 335

MTH 432 History and Foundations of Math

3.00 credit hours

History of mathematics through creative problem solving. Set theory in the development of modern analysis of algebra and geometry, proofs, techniques, and methods. Pioneers of mathematics.

Prerequisite: MTH 232

MTH 433 Mathematics for Scientists and Eng

3.00 credit hours

Fundamental concepts and methods in applied mathematics. Topics covered include systems of linear equations and matrices, infinite series, complex numbers and variables, Laplace transforms, differential and integral equations, Fourier Transforms, and Inverse Fourier Transforms. Applications in physics and engineering.

Prerequisites: MTH 336 and MTH 434

MTH 434 Differential Equations I

3.00 credit hours

Elementary techniques for solving ordinary differential equations. Applications in the biological and physical sciences. Three lectures per week.

Prerequisites: MTH 232

MTH 435 Transforms

3.00 credit hours

Introduction to periodic functions - Fourier series. Complex form of Fourier series and Fourier Transform. Applications: Laplace Transforms for functions, derivatives, and integrals. Differential and hybrid differential-integral equations using Laplace transforms. Applications from electrical circuit theory.

Prerequisites: MTH 434

MTH 436 Differentials Equations II

3.00 credit hours

An introduction to partial differential equations. Different types of partial differential equations, methods of solving partial differential equations. Solutions of Laplace's equation, wave equation, and heat transfer equation. Numerical methods in solving partial differential equations with given boundary conditions. Applications from engineering and applied physics areas. Includes scientific computer lab experience.

Prerequisite or Corequisite: MTH 435

MTH 437 Complex Variables

3.00 credit hours

Complex numbers, complex functions, and roots in the complex plane, transformation and linear mapping, limits and continuity, analytic and harmonic functions, Cauchy-Riemann equations, branches of functions,

exponential and trigonometric functions, complex integrals, Taylor and Laurent series, singularities, zeroes and poles, residues, and definite integrals.

Prerequisite: MTH 331

MTH 438 Biostatistics

3.00 credit hours

Statistical analysis from a biological point of view. Topics include probability distributions, confidence intervals, estimation of population parameters, test of significance, analysis of variance, correlation, and regression.

Prerequisites: MTH 231

MTH 439 Topics in Algebra

3.00 credit hours

Topics on semi-groups and groups, rings, integral domains, finite fields, modules over ring, and vector spaces over fields.

Prerequisite: MTH 335

MTH 442 Numerical Methods

3.00 credit hours

The course covers algorithms and computer techniques for numerical solutions of problems in several areas including numerical integration and differentiation, systems of linear equations, zeros of functions and curve fitting. It also includes round-off error analysis. Three Lectures per week.

Prerequisites: MTH 232 and CSC 242

MTH 462 Topics in Number Theory

3.00 credit hours

Prime Numbers and prime factorization, Greatest Common Divisors, The Euclidean Algorithm, The Fundamental Theorem of Arithmetic, Linear Diophantine Equations, Introduction to Congruences, Divisibility Tests, Wilson's Theorem and Fermat's Little Theorem, Euler's Theorem, The Euler Phi-Function, Applications to cryptology. Three lectures per week.

Prerequisite: MTH 335

MTH 490 Internship in Mathematics

3.00 credit hours

A supervised internship in a professional environment that exposes the student to how mathematics is applied to solve real-world problems, as well as enabling students to interact with mathematicians in a setting other than the classroom. The student is required to formally present a detailed description of his/her experiences.

Prerequisite: Consent of the Department

MTH 492 Materials & Methods in High School Mathematics

3.00 credit hours

The course acquaints students with pedagogical issues in teaching mathematics and enhances their ability to make decisions in a secondary school environment. The course fully supports the state and national standards for secondary school teachers in that it follows a curriculum that covers methods and strategies for teaching essential mathematical concepts to secondary school teachers.

Prerequisites: MTH 232, MTH 335 and MTH 336

MTH 494 Teaching Elementary Mathematics

3.00 credit hours

This course is designed to prepare elementary teachers to teach mathematics in elementary school. The course will focus on mathematics content, pedagogy, technology, diversity issues, standards-based Education, and field experiences. This course will be taught as part of a senior learning Community Block.

Prerequisites: Admission to Teacher Education

MTH 497 Special Topics in Mathematics

1.00 credit hour

A course focusing on a specific topic designed to provide advanced study in an area of special interest in mathematics. The course serves as a restricted elective course and can be repeated upon Departmental approval.

Prerequisite: Consent of Department

MTH 498 Special Topics in Mathematics

2.00 credit hours

A course focusing on a specific topic designed to provide advanced study in the area of special interest in mathematics. This course will serve as a restricted elective course and can be repeated upon departmental approval.

Prerequisite: Departmental approval

MTH 499 Special Topics in Mathematics

3.00 credit hours

A course focusing on a specific topic designed to provide advanced study in the area of special interest in mathematics. This course will serve as a restricted elective course and can be repeated upon departmental approval.

Prerequisite: Departmental Approval

Music (MUS)

MUS 113 Piano (Individual)

1.00 credit hours

This course introduces fundamental piano skills for beginning students. Emphasis is placed on basic keyboard technique, music reading, rhythm, hand coordination, and simple harmonization. Students will develop the ability to perform elementary piano literature and exercises while reinforcing basic music theory concepts.

Prerequisites: Music Majors and Minors Only

MUS 114 Piano (Individual)

1.00 credit hours

This course expands students' technical and musical skills at the keyboard. Emphasis is placed on developing two-hand coordination, scales, chord progressions, arpeggios, sight-reading, and harmonization. Students will perform intermediate-level piano literature and exercises designed to strengthen musicianship and reinforce theoretical concepts.

Prerequisite: MUS 113 or consent of the instructor.

MUS 115 Voice (Individual)

1.00 credit hours

MUS 115-116

Study of basic principles of voice production and a variety of solo materials. Development of poise and stage deportment.

MUS 117 Organ (Individual)

1.00 credit hours

An introduction to organ performance techniques and literature. This course focuses on developing basic manual and pedal coordination, registration, and hymn playing. Emphasis is placed on keyboard technique, sight-reading, and stylistic interpretation appropriate to the instrument and repertoire.

Prerequisite: Music Majors and Minors Only

MUS 118 Organ (Individual)

1.00 credit hours

This course emphasizes more advanced technical skills, registration practices, and interpretation of organ literature from various stylistic periods. Students will expand their performance repertoire and strengthen their coordination between manuals and pedals.

Prerequisite: MUS 117 or consent of the instructor.

MUS 130 Intro to African American Music

3.00 credit hours

This course explores the historical development, cultural significance, and musical characteristics of African American music from its African roots to contemporary genres. Emphasis is placed on spirituals, gospel, blues, jazz, R&B, hip-hop, and other influential styles. Students will examine the social, political, and cultural contexts that shaped these traditions and their impact on American and global music. *Prerequisite: None (This course may be used to satisfy the Humanities requirement in the Liberal Studies program)*

MUS 131 Introduction to Music Literature

3.00 credit hours

This course provides an overview of major musical styles, genres, and forms from the Middle Ages to the present. Emphasis is placed on developing critical listening skills, understanding stylistic characteristics, and recognizing representative composers and works. Students will explore the evolution of musical expression and its connection to historical and cultural contexts. LSP: HU

MUS 132 The Fundamentals of Music

3.00 credit hours

This course introduces the basic elements of music, including notation, rhythm, scales, intervals, key signatures, chords, and basic harmonic principles. Emphasis is placed on developing music reading, aural, and analytical skills essential for performance and further study in music theory and musicianship.

MUS 143 Music Theory I

3.00 credit hours

This course provides a comprehensive study of the fundamental structures of tonal music. Topics include notation, rhythm, scales, intervals, triads, chord functions, harmonic progression, and basic voice leading. Emphasis is placed on the analysis and writing of diatonic harmony and the development of musicianship skills through ear training and keyboard application.

Prerequisite: MUS 132 or equivalent proficiency.

MUS 144 Music Theory II

3.00 credit hours

A continuation of Music Theory I, this course explores advanced diatonic harmony, including secondary dominants, modulation, and introduction to chromaticism. Emphasis is placed on part-writing, harmonic analysis, and melodic construction. Students will further develop aural skills and apply theoretical concepts through analysis, composition, and keyboard practice.

Prerequisite: MUS 143 or equivalent proficiency.

MUS 160 Applied Flute (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

MUS 161 Applied Flute (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: MUS 160

MUS 162 Applied Oboe (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: None

MUS 163 Applied Oboe (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: MUS 162

MUS 166 Applied Bassoon (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

MUS 167 Applied Bassoon (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level

while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: MUS 166

MUS 168 Applied Clarinet (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: None

MUS 169 Applied Clarinet (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: MUS 168

MUS 170 Applied Saxophone (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: None

MUS 171 Applied Saxophone (Individual)

1.00 credit hours

Individual instruction that focuses on fundamental performance techniques, tone production, articulation, and musicianship. Students will study selected etudes and solo literature appropriate to their level while developing proper practice habits and performance skills. Regular practice and a performance jury are required each semester.

Prerequisite: MUS 170

MUS 181 Brass Class

1.00 credit hours

A performance class consisting of brass instrumentalists performing a variety of repertoire from classical to contemporary styles. Emphasis is placed on tone quality, blend, intonation, balance, and ensemble musicianship. Students will participate in regular rehearsals and performances both on and off campus. **May be repeated for credit.**
Prerequisite: Instructor's Consent Required.

MUS 182 Percussion Class

1.00 credit hours

A performance class devoted to literature composed and arranged for percussion instruments. Students will develop ensemble skills through the study and performance of works representing diverse musical styles and traditions. Emphasis is placed on rhythm, balance, tone production, and musicianship. Regular rehearsals and performances are required. **May be repeated for credit.**
Prerequisite: Instructor's Consent Required.

MUS 183 Applied Trumpet (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.
Prerequisite: None

MUS 184 Applied Trumpet (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.
Prerequisite: MUS 183

MUS 185 Applied French Horn (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.

MUS 186 Applied French Horn (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.
Prerequisite: MUS 185

MUS 187 Applied Trombone (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.

MUS 188 Applied Trombone (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.
Prerequisite: MUS 187

MUS 189 Applied Euphonium (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.
Prerequisite: None

MUS 190 Applied Euphonium (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester. Prerequisite: MUS 189

MUS 191 Applied Tuba (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester.

MUS 192 Applied Tuba (Individual)

1.00 credit hours

Individual instruction in brass performance that focuses on tone production, embouchure development, articulation, intonation, and musicianship. Students will study appropriate etudes, solo works, and technical exercises to establish a solid foundation in performance. Regular practice and a performance jury are required each semester. Prerequisite: MUS 191

MUS 193 Applied Percussion (Individual)

1.00 credit hours

Individual instruction in percussion performance focusing on fundamental techniques for snare drum, mallet instruments, timpani, and selected auxiliary percussion. Emphasis is placed on rhythm reading, stick and mallet control, tone production, and musicianship. Students will study appropriate etudes and solo literature to build a strong technical and musical foundation. Regular practice and a performance jury are required each semester.

MUS 194 Applied Percussion (Individual)

1.00 credit hours

Individual instruction in percussion performance focusing on fundamental techniques for snare drum, mallet instruments, timpani, and selected auxiliary percussion. Emphasis is placed on rhythm reading, stick and mallet control, tone production, and musicianship. Students will study appropriate etudes and solo literature to build a strong technical and musical foundation. Regular practice and a performance jury are required each semester. Prerequisite: MUS 193

MUS 204 University Choir

1.00 credit hour

A large choral ensemble open to all students by audition. The University Choir performs a diverse repertoire representing various musical periods, genres, and cultures, with emphasis on tone quality, blend, diction, and musicianship. The ensemble performs regularly on campus and in the community. Regular rehearsals and performances are required. **Membership is by audition only. May be repeated for credit.** (Fall semester)

MUS 205 University Choir

1.00 credit hour

A large choral ensemble open to all students by audition. The University Choir performs a diverse repertoire representing various musical

periods, genres, and cultures, with emphasis on tone quality, blend, diction, and musicianship. The ensemble performs regularly on campus and in the community. Regular rehearsals and performances are required. **Membership is by audition only. May be repeated for credit.** (Spring semester)

MUS 206 Swing Choir

1.00 credit hours

A select vocal ensemble specializing in popular, jazz, and contemporary styles. Emphasis is placed on vocal technique, stage presence, choreography, and stylistic interpretation. The Swing Choir performs regularly at university and community events, representing the institution through dynamic and engaging performances. **Membership is by audition only. May be repeated for credit.** (Fall semester)

MUS 207 Swing Choir

1.00 credit hours

A select vocal ensemble specializing in popular, jazz, and contemporary styles. Emphasis is placed on vocal technique, stage presence, choreography, and stylistic interpretation. The Swing Choir performs regularly at university and community events, representing the institution through dynamic and engaging performances. **Membership is by audition only. May be repeated for credit.** (Spring semester)

MUS 208 Jazz Ensemble

1.00 credit hours

A performance ensemble dedicated to the study and presentation of jazz literature in a variety of styles, including swing, bebop, Latin, fusion, and contemporary jazz. Emphasis is placed on improvisation, stylistic interpretation, ensemble performance, and rhythmic precision. The ensemble performs regularly on and off campus. **Membership is by audition only. May be repeated for credit.** (Fall semester)

MUS 209 Jazz Ensemble

1.00 credit hours

A performance ensemble dedicated to the study and presentation of jazz literature in a variety of styles, including swing, bebop, Latin, fusion, and contemporary jazz. Emphasis is placed on improvisation, stylistic interpretation, ensemble performance, and rhythmic precision. The ensemble performs regularly on and off campus. **Membership is by audition only. May be repeated for credit.** (Spring semester)

MUS 210 University Marching Band

1.00 credit hours

A performance ensemble that represents the university at athletic events, parades, and community performances. Emphasis is placed on musicianship, precision marching, show design, and teamwork. The ensemble performs a variety of musical styles, incorporating contemporary and traditional elements of the marching arts. Open to all students by audition. Regular rehearsals and performances are required. **May be repeated for credit.** (Fall semester only)

MUS 211 University Symphonic Band

1.00 credit hours

A large instrumental ensemble dedicated to the study and performance of traditional and contemporary wind band literature. Emphasis is placed on tone quality, balance, intonation, ensemble precision, and musical interpretation. The Symphonic Band performs concerts each semester and represents the university at campus and community events. Membership is by audition. **May be repeated for credit.** (Fall semester)

MUS 212 University Symphonic Band

1.00 credit hours

A large instrumental ensemble dedicated to the study and performance of traditional and contemporary wind band literature. Emphasis is placed on tone quality, balance, intonation, ensemble precision, and musical interpretation. The Symphonic Band performs concerts each semester and represents the university at campus and community events. Membership is by audition. **May be repeated for credit.** (Spring semester)

MUS 213 Piano (Individual)

1.0 credit hours

The final course in the class piano sequence, focusing on advanced keyboard skills and preparation for the piano proficiency examination. Students will refine technique, harmonization, improvisation, and score reading, while performing intermediate to advanced repertoire. Successful completion demonstrates readiness for upper-level music study. *Prerequisite: MUS 114 or consent of the instructor.*

MUS 214 Piano (Individual)

1.0 credit hours

Individual instruction in piano performance for piano majors focusing on fundamental technique, tone production, scales, arpeggios, and phrasing. Students will study elementary to intermediate solo literature and etudes to develop hand coordination, expression, and sight-reading. Regular practice and a performance jury are required each semester. *Prerequisite: Piano Majors and Minors Only.*

MUS 215 Voice (Individual)

1.00 credit hours

Continuation of Voice 115-116.

MUS 216 Voice (Individual)

1.0 credit hours

Continuation of Voice 115-116.

MUS 217 Organ (Individual)

1.0 credit hours

Advanced pedal and manual studies continued. Simple modulations on the organ, transpositions and improvisations; repertoire building continued.

MUS 218 Organ (Individual)

1.00 credit hours

Advanced pedal and manual studies continued. Simple modulations on the organ; transpositions and improvisations; repertoire building continued.

MUS 219 Composition with Technology

1.00 credit hours

Computer-generated music and computer-assisted music are explored. Class sessions are conducted in workshop format, where students will create, present, and critique their own and peers' musical works. Each student produces 2-3 composition projects that display originality and experimentation representative of college-level music standards. Each work will be performed and/or recorded by the student. May be repeated credit. (Earned credits may count towards Major Instrument requirement for music majors, with the consent of Department Chair.)

Prerequisites: Consent of instructor

MUS 220 Opera/Musical Theatre Workshop

1.00 credit hours

This course is designed to introduce vocal students to opera and musical theater repertoire, with a focus on music preparation, character analysis, performance skills, acting, and singing techniques that aid the singing actor in the dramatic presentation of all forms of lyric theater. The class will culminate in a program of semi-staged and costumed operatic and musical theater excerpts. Vocal performance students must take two credit hours.

Prerequisites: Audition only

MUS 229 Composition with Technology

1.00 credit hours

Computer-generated music and computer-assisted music are explored. Class sessions are conducted in workshop format, where students will create, present, and critique their own and peers' musical works. Each student produces 2-3 composition projects that display originality and experimentation representative of college-level music standards. Each work will be performed and/or recorded by the student. May be repeated credit. (Earned credits may count towards Major Instrument requirement for music majors, with the consent of Department Chair.)

Prerequisites: Consent of instructor

MUS 232 Introduction to Music Technologies

3.00 credit hours

Essential tools, concepts, and applications of music software and hardware for a wide range of musical activities, including composing, recording, notation, and pedagogy are explored, as well as basic acoustics and waveform theory. Each student produces projects and/or presentations demonstrating comprehension and musical application of the topic.

Prerequisites: MUS 143 or consent of instructor

MUS 243 Music Theory III

3.00 credit hours

The advanced integrated study of the materials and literature of music. Open for music major and minor only.

Prerequisites: Demonstration of competencies required in Music 144

MUS 244 Music Theory IV

3.0 credit hours

A continuation of areas began in Music 243. Open for Music majors and minors only.

Prerequisites: Demonstration of competencies in Music 243

MUS 250 Vocal Diction: Italian

2.00 credit hours

This course is an introduction to the International Phonetic Alphabet and its use in the pronunciation of texts. Students will receive up to six credits hours. MUS 250 (Italian-2 credits), MUS 251 (German-2 credits), MUS 252 (French-2 credits).

Prerequisites: MUS 143

MUS 251 Vocal Diction: German

2.00 credit hours

This course is an introduction to the International Phonetic Alphabet and its use in the pronunciation of texts. Students will receive up to six credits hours. MUS 250 (Italian-2 credits), MUS 251 (German-2 credits),

MUS 252 (French-2 credits).
Prerequisites: MUS 143

MUS 252 Vocal Diction-French
2.00 credit hours

This course is an introduction to the International Phonetic Alphabet and its use in the pronunciation of texts. Students will receive up to six credits hours. MUS 250 (Italian-2 credits), MUS 251 (German-2 credits), MUS 252 (French-2 credits).
Prerequisites: MUS 143

MUS 255 Sight Singing/Ear Training I
3.00 credit hours

A course in the rudiments of music reading and dictation. The course includes performance, aural recognition, and notation of melodies, rhythms, and triads.
Prerequisites: MUS 143

MUS 256 Sight Singing Ear Training II
2.00 credit hours

This course offers continued training in the development of aural skills through sight singing melodies, rhythm reading, interval, chord, and scale recognition, and melodic, rhythmic and harmonic dictation. Emphasis will be on diatonic melodies with larger leaps, moderately difficulty rhythms, and longer chord progressions using all diatonic triads and inversions.
Prerequisites: MUS 143, MUS 144 and satisfactory completion of MUS 255.

MUS 260 Applied Flute (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 161

MUS 261 Applied Flute (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recital, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 260

MUS 262 Applied Oboe (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 163

MUS 263 Applied Oboe (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: 262

MUS 266 Applied Bassoon (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 167

MUS 267 Applied Bassoon (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 266

MUS 268 Applied Clarinet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 169

MUS 269 Applied Clarinet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 168

MUS 270 Applied Saxophone (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructors for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 171

MUS 271 Applied Saxophone (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructors for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 270

MUS 283 Applied Trumpet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check

with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 184

MUS 284 Applied Trumpet (Individual)

1.00 credit hours

A course for the individual and ensemble playing of technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 283

MUS 285 Applied French Horn (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 186

MUS 286 Applied French Horn (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 285

MUS 287 Applied Trombone (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 188

MUS 288 Applied Trombone (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 287

MUS 289 Applied Euphonium (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 190

MUS 290 Applied Euphonium (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 289

MUS 291 Applied Tuba (Individual)

1.00 credit hours

A study of the technique and repertoire of the chosen instrument. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 192

MUS 292 Applied Tuba (Individual)

1.00 credit hours

A study of the technique and repertoire of the chosen instrument. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 291

MUS 293 Applied Percussion (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisite: MUS 194

MUS 294 Applied Percussion (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisite: MUS 293

MUS 304 University Choir

0.00 credit hours

Performance of choral works from various historical periods. Membership by audition. (Fall semester) May be repeated for credit.

MUS 305 University Choir

0.00 credit hours

Performance of choral works from various historical periods. Membership by audition. (Spring semester) May be repeated for credit.

MUS 306 Swing Choir

0.00 credit hours

Performance of Broadway, jazz, popular, folk, ballads, and other musical genres. Membership by audition. (Fall semester) May be repeated for credit.

MUS 307 Swing Choir

0.00 credit hours

Performance of Broadway, jazz, popular, folk, ballads, and other musical genres. Membership by audition. (Spring semester) May be repeated for credit.

MUS 308 Jazz Ensemble

0.00 credit hours

Performance of jazz compositions in a variety of styles. Membership by audition. May be repeated. (Fall semester)

MUS 309 Jazz Ensemble

0.00 credit hours

Performance of jazz compositions in a variety of styles. Membership by audition. May be repeated. (Spring semester)

MUS 310 University Marching Band

0.00 credit hours

Performance of popular music in various styles. Membership by audition. May be repeated. Offered during the fall semester.

MUS 311 University Symphonic Band

0.00 credit hours

Performance of concert music of various historical periods. May be repeated. (Fall semester)

MUS 312 Electro Acoustic Music Ensemble

1.00 credit hours

Students and the instructor prepare musical works to be performed using electronic and computer enhanced instruments. Each student performs in at least one such work, representative of college-level musicianship and electroacoustic art music. Enrollment for this course is limited to ten students. May be repeated for credit.

Prerequisites: Audition and consent of Music Area Coordinator for Ensemble credit.

MUS 313 Piano (Individual)

1.00 credit hours

Continuation of advanced techniques and literature. Open for Music majors and minors only.

Prerequisites: MUS 143

MUS 314 Piano (Individual)

1 credit hours

MUS 313-314 Piano (Individual) One credit hour Continuation of advanced techniques and literature. Open for Music majors and minors only.

Prerequisites: MUS 143

MUS 315 Voice (Individual)

1.00 credit hours

Continuation of Voice 215-216.

Prerequisites: Consent of Instructor

MUS 316 Voice (Individual)

1.00 credit hours

One credit hour Continuation of Voice 215-216.

Prerequisites: Consent of instructor

MUS 317 Organ (Individual)

1.00 credit hours

Continuation of previous course.

MUS 318 Organ (individual)

1.00 credit hours

Continuation of previous course.

MUS 321 Vocal Pedagogy

3.00 credit hours

This is a course in the study of the teaching of voice. Students examine various teaching theories and schools of thought in vocal training.

MUS 322 Conducting

2.00 credit hours

A study of the technique of conducting instrumental and vocal groups.

MUS 323 Orchestration

2.00 credit hours

A study of orchestral instruments and the practical study of the art of symphonic scoring.

MUS 324 Piano Pedagogy

2.00 credit hours

This is a course in the study of teaching piano. Students examine various teaching theories and schools of thought in piano training.

MUS 326 Song Literature

2.00 credit hours

A study of vocal literature written from the Baroque Era through the twentieth century. This course examines English, French, German, and Italian art song and opera. The course examines materials on a rotating basis, so students may repeat the course for up to four credits.

MUS 327 Piano Literature

2.00 credit hours

A study of piano literature written from the Renaissance era through the twentieth century. This course explores the solo and concerto literature for the piano.

MUS 328 Instrumental Literature

2.00 credit hours

A study of instrumental literature written from the Baroque Era through the twentieth century. This course examines the literature written solo instruments of the string, brass, percussion, and woodwind families. It also examines both accompanied and unaccompanied literature for solo instruments.

MUS 329 Instrumental Pedagogy

2.00 credit hours

This is a course in the study of teaching instruments. Students examine various teaching theories and schools of thought in the teaching of their respective instruments.

MUS 330 Symphonic/Chamber Music Literature

2.00 credit hours

A study of symphonic and chamber music literature written between the

17th and 20th centuries. This course will examine the history and music written for the symphony orchestra, with emphasis on the symphony, symphonic (tone) poem, incidental music, and the concerto repertoire for the orchestra and orchestra with solo instruments. This course will also examine the chamber music repertoire for various instrumental ensembles.

MUS 331 Intro to Music Business

3.00 credit hours

Provides an overview of the major areas of music business, including music merchandising, music copyright, contracts, and licensing laws, as well as recording industry production and distribution, and artist management. Career options and development are also explored, and qualified music business professionals and performers serve as guest speakers. Field trips (individual and groups visits) to music merchandising, recording studios, and other related music business sites are offered.

MUS 332 Survey of Electronic Music

3.00 credit hours

MUS 332- Survey of Electronic Music Three Credit Hours An introduction to a variety of computer software used in electronic music and computer compositional techniques. Emphasized hands- on instruction in the use of the computer to arrange or compose music, MIDI sequencing programs, digital audio recording and editing techniques and technologies, and electronic music styles and instruments. Prerequisites: MUS 143 and 144

MUS 334 Hymnology

3.00 credit hours

An in-depth examination of the music and texts of hymns of various styles and genres. Emphasize performance practices of hymns; procedures for choosing hymns theologically and thematically compatible with liturgies; seasonal and special church services; musical analysis of selected hymn repertoires and historical developments of congregational songs to the present. Students present individual reports and papers on topics relating to the history and musical genres and styles of hymns.

Prerequisites: MUS 143 and 144

MUS 337 Music History and Literature

3.00 credit hours

A general survey of the development of music from primitive sources to the present day.

These courses are designed for Music Majors.

MUS 338 Music History and Literature

3.00 credit hours

A general survey of development of music from primitive sources to the present day. These courses are designed for Music majors.

MUS 355 Sight Singing/Ear Training III

2.00 credit hours

This course offers continued training in the development of aural skills through sight singing diatonic and chromatic melodies, rhythm reading interval, chord and scale recognition, and melodic, rhythmic, and harmonic dictation. Emphasis will be on two- and three-part melodic dictation, more difficult rhythms, and chord progressions using all triads and sevenths with inversions.

Prerequisites: MUS 143, MUS 144 and satisfactory completion of MUS 255 and MUS 256

MUS 356 Sight Singing/Ear Training IV

2.00 credit hours

This course offers continued training in the development of aural skills through sight singing diatonic and chromatic melodies, rhythm reading interval, chord and scale recognition, and melodic, rhythmic, and harmonic dictation. Emphasis will be on two- and three-part melodic dictation, more difficult rhythms, and chord progressions using all triads and sevenths with inversions.

Prerequisites: MUS 143, MUS 144 and satisfactory completion of MUS 255, MUS 256 and MUS 355

MUS 360 Applied Flute (Individual)

1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 261

MUS 361 Applied Flute (Individual)

1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 360

MUS 362 Applied Oboe (Individual)

1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 263

MUS 363 Applied Oboe (Individual)

1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 362

MUS 365 Piano Accompanying

2.00 credit hours

MUS 365 Piano Accompany Two credit hours This course is an introduction to all aspects of accompanying. The course will focus on the skills needed in accompanying including sight reading, rehearsal techniques, score preparation, and general concepts of performance.

MUS 366 Applied Bassoon (Individual)

1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.

Prerequisites: MUS 267

MUS 367 Applied Bassoon (Individual)

1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.

Prerequisites: MUS 366

MUS 368 Applied Clarinet (Individual)

1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.

Prerequisites: MUS 269

MUS 369 Applied Clarinet (Individual)

1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.

Prerequisites: MUS 368

MUS 370 Applied Saxophone (Individual)

1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructors for details as they relate to juries, recitals, and other performances.

Prerequisites: MUS 271

MUS 371 Applied Saxophone (Individual)

1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructors for details as they relate to juries, recitals, and other performances.

Prerequisites: MUS 370

MUS 383 Applied Trumpet (Individual)

1.00 credit hours

A course for the individual and ensemble playing of technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 284

MUS 384 Applied Trumpet (Individual)

1.00 credit hours

A course for the individual and ensemble playing of technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other

performances.

Prerequisites: MUS 383

MUS 385 Applied French Horn (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 286

MUS 386 Applied French Horn (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 385

MUS 387 Applied Trombone (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 288

MUS 388 Applied Trombone (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 387

MUS 389 Applied Euphonium (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 290

MUS 390 Applied Euphonium (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 389

MUS 391 Applied Tuba (Individual)

1.00 credit hours

A study of the technique and repertoire of the chosen instrument. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 292

MUS 392 Applied Tuba (Individual)

1.00 credit hours

A study of the technique and repertoire of the chosen instrument. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 391

MUS 393 Applied Percussion (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisite: MUS 294

MUS 394 Applied Percussion (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisite: MUS 393

MUS 400 Senior Recital

1.00 credit hours

Presentation of a program of music representing a variety of historical styles. Grading on a P/NP basis. Requirement fulfilled with a satisfactory grade.

MUS 413 Piano (Individual)

1.00 credit hours

Continuation of advanced techniques and literature. Includes Senior Recital. Open for music majors and minors only.

Prerequisites: MUS 143

MUS 414 Piano (Individual)

1.00 credit hours

Continuation of advanced techniques and literature. Includes Senior Recital. Open for music majors and minors only.

Prerequisites: MUS 143

MUS 415 Voice (Individual)

1.00 credit hours

Continuation of Voice 315-316. Includes Senior Recital. Permission

Prerequisites: Consent of Instructor

MUS 416 Voice (Individual)

1.00 credit hours

Continuation of Voice 315-316. Includes Senior Recital.

Prerequisite: Consent of Instructor.

MUS 417 Organ (Individual)

1.00 credit hours

Continuation of previous course.

MUS 418 Organ (Individual)

1.00 credit hours

Continuation of previous course.

MUS 423 Piano (Individual)

1.00 credit hours

Advanced study of technique and repertoire.

MUS 424 Piano (Individual)

2.00 credit hours

Advanced study of technique and repertoire.

MUS 425 Voice (Individual)

1.00 credit hours

Advanced study of technique and repertoire.

MUS 426 Voice (Individual)

2.00 credit hours

Advanced study of technique and repertoire.

MUS 427 Form and Analysis

2.00 credit hours

A study of the small part forms through the larger part forms.

MUS 428 Senior Seminar I

3.00 credit hours

The student will learn research methods and approaches appropriate to scholarly writing in music. He or she will initiate an investigation of some aspect of music in accordance with that student's concentration and area(s) of interest, and will use that research to commence writing his, her, their Senior Investigative Paper.

Prerequisites: Senior standing and consent of instructor.

MUS 429 Senior Seminar II

3.00 credit hours

The student will learn research methods and approaches appropriate to scholarly writing in music. He or she will initiate investigation of some aspect of music in accordance with that student's concentration and area(s) of interest, and will use the research to commence writing his or her Senior Investigative Paper.

Prerequisites: Senior standing and consent of instructor.

MUS 432 Music in the School Curriculum

3.00 credit hours

Principles, objectives, materials, and procedures for meeting the needs of the music teacher in the total school curriculum. The problems of organization, administration, and teaching methods of the music teacher and supervisor in elementary through secondary school are explored.

MUS 433 Vocal and Choral Methods

3.00 credit hours

Study of the voice dealing with techniques of vocal production, vocal problems, vocal literature, and techniques for teaching voice to students and adults. Methods, materials, rehearsal techniques, administration, and other major choral problems are studied.

MUS 434 Instrumental Methods
3.00 credit hours

Study of methods, materials, techniques, organization, administration, equipment marching band techniques, and other major problems of instrumental teaching.

MUS 439 Music Internship
3.00 credit hours

Practical experience in the music profession is appropriate for students with concentrations in either Music Business or Sacred Music. A minimum of 120 hours of work is required.
Prerequisite: Consent of the Department

MUS 460 Applied Flute (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 361

MUS 461 Applied Flute (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 460

MUS 462 Applied Oboe (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 363

MUS 463 Applied Oboe (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' prepare for juries, senior recitals, and other recitals. Check with a private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: 462

MUS 466 Applied Bassoon (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 367

MUS 467 Applied Bassoon (Individual)

1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 466

MUS 468 Applied Clarinet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 369

MUS 469 Applied Clarinet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of techniques, exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with a private instructor for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 468

MUS 470 Applied Saxophone (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructors for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 371

MUS 471 Applied Saxophone (Individual)
1.00 credit hours

A course for the individual and ensemble playing techniques, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructors for details as they relate to juries, recitals, and other performances.
Prerequisites: MUS 470

MUS 483 Applied Trumpet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.
Prerequisites: MUS 384

MUS 484 Applied Trumpet (Individual)
1.00 credit hours

A course for the individual and ensemble playing of technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 483

MUS 485 Applied French Horn (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 386

MUS 486 Applied French Horn (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 385

MUS 487 Applied Trombone (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 388

MUS 488 Applied Trombone (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 487

MUS 489 Applied Euphonium (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 390

MUS 490 Applied Euphonium (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 489

MUS 491 Applied Tuba (Individual)

1.00 credit hours

A study of the technique and repertoire of the chosen instrument. Check

with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 392

MUS 492 Applied Tuba (Individual)

1.00 credit hours

A study of the technique and repertoire of the chosen instrument. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisites: MUS 491

MUS 493 Applied Percussion (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisite: MUS 394

MUS 494 Applied Percussion (Individual)

1.00 credit hours

A course for the individual and ensemble playing technique exercises, scales, arpeggios, etudes, and compositions. Performance majors' preparation for juries, senior recitals, and other recitals. Check with private instructor for details as it relates to juries, recitals, and other performances.

Prerequisite: MUS 493

Natural Science (NSC)

NSC 110 Introduction to Lab Research

1.00 credit hours

A brief introduction to the nature and practice of laboratory research in the natural sciences. The nature of scientific inquiry, the formulation of research questions, the role of scientific literature, and laboratory record keeping are some of the topics covered. For elective credit only.

NSC 130 Introduction to College Science

3.00 credit hours

NSC 130 provides an overview of the content and processes of science. Focuses on process skills and basic science concepts. For elective credit only.

NSC 140 Studies in the Natural Sciences

4.00 credit hours

In this course students learn about selected areas of natural science while being guided in the use of scientific procedures and the practice of scientific thinking to collect and analyze data related to selected phenomena. Professional ethics in science and technology are also discussed. This course meets in a classroom setting three hours per week, with up to an additional three hours per week in a lab setting.

Prerequisites: MTH 130 or placement in higher math

NSC 218 Sophomore Seminar I

1.00 credit hours

Students will explore career goals, read scientific literature, and learn the basic types of research presentations used in the sciences. Attendance at Natural Sciences Seminars is required. One contact hour per week plus attendance at departmental seminars. Cross listed as CHE 218 and BIO 218.
Prerequisites: total of 8 hours from Biology, Chemistry or Physics or permission of department

NSC 219 Sophomore Seminar II

1.0 credit hours

Students will explore career goals, read scientific literature, and learn the basic types of research presentations used in the sciences. Attendance at Natural Sciences Seminars is required. One contact hour per week plus attendance at departmental seminars. Cross listed as CHE 219 and BIO 219.
Prerequisites: total of 8 hours from Biology, Chemistry or Physics or permission of department

NSC 220 Introduction to Lab Research/Instruments

2.00 credit hours

Introduction to the operating principles, theoretical basis, and data interpretation skills related to selected laboratory instrumentation. Includes both lectures and labs. For elective credit only.

NSC 310 Responsible Research Seminar

1.00 credit hour

The ethical and practical considerations involved conducting research. General ethical guidelines are developed and illustrated by case studies of scientific fraud drawn from the original literature. Other topics that may be covered are copyright infringement, proper crediting of work in publications, publication choices (paper, patent, etc.), animal and human subject use, and the impact of information technology on the responsible conduct of research.
Prerequisites: Consent of the Department

NSC 318 Junior Seminar I

1.00 credit hour

Students will practice writing personal statements, explore career goals, and prepare applications for internships, graduate and professional programs. This is the first required course for the Senior Investigative Paper sequence. One contact hour each week, plus required seminar attendance. Cross-listed as BIO 318 and CHE 318.
Prerequisites: Junior standing or permission of department

NSC 319 Junior Seminar II

1.00 credit hour

Students will practice writing personal statements, explore career goals, and prepare applications for internships, graduate and professional programs. This is the first required course for the Senior Investigative Paper sequence. One contact hour each week, plus required seminar attendance. Cross-listed as BIO 318 and CHE 318.
Prerequisites: Junior standing or permission of department

NSC 419 Senior Seminar II

1.00 credit hour

Emphasis is placed on the skills necessary to produce a written paper,

typically in the format of a journal article, plus present a seminar on the SIP topic. Attendance at Natural Sciences Seminars is required. This is the final course in the Senior Investigative Paper Sequence.
Prerequisites: NSC 429 or consent of Department

NSC 429 Senior Seminar I

2.00 credit hours

Independent investigation into the selected topic of the Senior Paper. Emphasis is placed on the skills necessary to produce a written paper, typically in the format of a journal article. Attendance at Natural Sciences Seminars is required. This is a course in the Senior Investigative Paper sequence and is cross listed as BIO and CHE 429.
Prerequisites: NSC 329 or CHE 329 or BIO 329 or consent of department

Philosophy (PHI)

PHI 131 Introduction to Philosophy

3.00 credit hours

PHI 131 Introduction to Philosophy. Three credit hours. A course introducing the student to reading and doing philosophy. Discussion of methods of philosophical inquiry and representative philosophical concepts. (Satisfies the Humanities group in the Liberal Studies program.)

PHI 233 Practical Logic

3.00 credit hours

PHI 233 Practical Logic Three credit hours A survey of the basic problems of clear and straight thinking with emphasis on their application to the use of language.
Prerequisites: PHI 131

PHI 234 Ethics

3.00 credit hours

A study of basic methods and selected systems of ethical thinking discussed in terms of their relevance to present-day moral issues facing both individuals and society.
Prerequisites: PHI 131

PHI 337 Major Figures in Philosophy

3.00 credit hours

An exploration of the thoughts and major works of prominent philosophical thinkers.
Prerequisites: PHI131

PHI 432 Seminar in Philosophy

3.00 credit hours

Advanced research on selected philosophical topics.
Prerequisites: Permission of the instructor

Physical Education (PED)

PED 020 Beginner Tennis

2.00 credit hours

This is an activity course designed to teach basic tennis knowledge and skills including: forehand, backhand, serve, singles and doubles play.

PED 021 Beginner Golf

2.00 credit hours

This is an activity designed to teach basic golf knowledge and skills preliminary to course play.

PED 022 Basic Swimming

2.00 credit hours

This is a swimming course structured to train students up to advanced beginner level.

PED 023 Advanced Beginner Swimming

2.00 credit hours

This is a swimming course designed to teach students basic swimming skills.

Prerequisites: PED 022 or must be able to swim 30 feet on the back and front, or permission of the instructor

PED 024 Intermediate Swimming

2.00 credit hours

This course provides the student with the opportunity to develop a high level of proficiency in the American crawl, back crawl, and elementary backstroke.

Prerequisites: PED 023 or permission of the instructor

PED 025 Intermediate Tennis

2.00 credit hours

This course affords the student the opportunity to develop more advanced strokes such as volley, overhead shot, drop shot, and lob. It also allows the student to be in actual dual match competitions in a smaller class setting.

Prerequisites: PED 020 or permission of the instructor

PED 026 Adapted Physical Education

2.00 credit hours

This is a course in conditioning and sport activities designed for those with temporary or permanent physical disabilities that prevent participation in regular activity classes. A student must have permission from a physician before participating in this course.

PED 120 Weight Training

2.00 credit hours

This course is designed to introduce the student to one or more of the following types of weight training programs: muscular strength/power, muscular endurance, muscular and cardiovascular endurance

PED 121 Outdoor Pursuits

2.00 credit hours

The purpose of this course is to enhance students' knowledge of several outdoor, recreational, and physical activities such as hiking, canoeing, cycling, Nordic skiing, alpine skiing, and skin diving.

PED 122 Volleyball & Softball

2.00 credit hours

This is an activity course designed to teach fundamental terms, rules, skills, and strategies of volleyball and softball.

PED 123 Basketball & Soccer

2.00 credit hours

This course is designed to introduce the student to the basic skills, strategies, and rules of basketball and soccer.

PED 124 Team Sports

2.00 credit hours

This course is designed to introduce the student to skills, strategies, and rules of a variety of team sports such as field and floor hockey, and flag football.

PED 125 Rhythm & Dance

2.00 credit hours

This course provides instruction and participation in various dances such as ballroom, folk, square, line, African, modern, etc.

PED 126 Physical Fitness

2.00 credit hours

This course focuses on instruction and participation in aerobic dance and conditioning exercises that emphasize cardiovascular endurance, muscular endurance, muscular strength, body composition, and flexibility.

PED 127 Recreational Games

2.00 credit hours

This course is designed to introduce the student to skills, strategies, and rules of a variety of lifetime sports such as bowling, shuffleboard, handball, badminton, track and field, and archery. The activities offered are determined each semester the course is offered.

PED 128 Yoga, Stress Management, & Meditation

2.00 credit hours

This course introduces students to the fundamentals of Yoga. The focus is on improvement in concentration, stress management, proper breathing, physical fitness, flexibility, strength, balance, and relaxation.

PED 129 Aqua Fitness

2.00 credit hours

This course will provide students with an opportunity to participate in low and high impact aerobic workouts in the water designed to improve their flexibility, cardio-respiratory endurance, agility, and fitness. Instructions about the components of a water workout regimen will be provided. This course is beneficial to a wide range of students, including those who have mobility difficulties, individuals who desire to regain strength and flexibility after an injury or surgery, inactive or sedentary students interested in starting an exercise program, and those who desire to lose weight and gain muscle tone. Swimming ability is not a prerequisite for this course.

PED 130 Argentine Tango

3.00 credit hours

This course will focus on the basics of the Argentine Social Dance known as Tango, and the physical conditioning required to participate in it. It will include the history and roots of the music and the dance. It will also address the etiquette and customs that surround social dance. No prerequisites are required.

PED 131 Aerobic Fitness

3.00 credit hours

This course incorporates the basic principles of cardiovascular conditioning through low and high impact moves and intensities. Classes will include kickboxing, boot camp, step aerobics, and circuit training, combined with stretching, muscle toning and abdominal work. This course will be a part lecture and part activity to promote overall physical fitness and wellness. Students will learn to participate in aerobic combinations helping to improve their cardiovascular system, have a better understanding of weight control, determine their body composition and current cardiorespiratory and muscular fitness levels, and select a safe and appropriate aerobic program. This course satisfies the Foundation requirements in the Liberal Studies Program.

PED 135 Rhythm and Dance

3.00 credit hours

This course will focus on introducing all levels of students to the practical understanding of and participation in various dance forms and creative movements. It will encourage positive self/body awareness, promote health and encourage the development of cognitive and intuitive skills as well as increased well-being. Finally, it will increase students' global awareness of the role of dance in culture through writing and analysis. This course is accessible for all levels of movers. Prior dance experience is not required.

PED 136 Physical Fitness and Wellness

3.00 credit hours

This course is designed for students to participate in physical

activity. It involves the interaction and participation of aerobic fitness and conditioning exercises that emphasize cardiovascular endurance, muscular endurance, muscular strength, body composition, flexibility and stress management through yoga practice. The course promotes healthy living that encompasses wellness and a science-based approach towards the field of nutrition, exercise, health promotion, and disease prevention. This course satisfies the Foundation requirements in the Liberal Studies Program.

PED 138 Yoga: Union of Mind and Body

3.00 credit hours

This course will explore the many dimensions of yoga. Students are introduced to the ancient discipline of personal development that balances body, mind, and spirit. It has three components: an introduction to the history, practice and philosophy of classical yoga & its goals which students explore through study of anatomy & physiology, reading and inquiry; stress management methods; practice of Hatha yoga postures, focused breathing and various forms of meditation.

PED 224 Methods of Teaching Dance

2.00 credit hours

The techniques of teaching and learning the methods and techniques of teaching rhythm and dance.

PED 230 Foundations of Physical Education & Sports Management

3.00 credit hours

This is the first course for students majoring in physical education and sports management. It is designed to provide historical, philosophical, sociological, and other foundations of physical education and sports. In addition, information concerning career opportunities and professional growth will be presented. Also, practical experience in an area of interest with a minimum of ten clock hours of observation at an outside agency and/or public school will be required.

PED 232 Psychomotor Development

3.00 credit hours

This course is designed to provide students with knowledge and practical experience that will enhance their effectiveness in understanding and analyzing motor development for infants, children, youth, and adults.

PED 234 Sport Skills & Techniques

3.00 credit hours

This course will introduce students to the fundamentals of instructing sports techniques and skills in an instructional setting. The course will expose students to dual, individual, and team sports. It will also enable students the opportunity to learn and apply the rules of each sport in a practical setting.

PED 235 Sports Officiating

3.00 credit hours

This course will provide students with the basic philosophical and psychological concepts of sports and sports officiating, officiating techniques, games preparedness and management, the roles of the official and the legal issues related to sports officiating.

PED 236 Theory and Practice of Coaching

3.00 credit hours

Theory and Practice of Coaching provide a beginning study of research-based principles and methods used to coach individual, dual and team sports, for application to coaching and sport programs.

PED 237 Introduction to Athletic Training

3.00 credit hours

This course is intended to introduce students to the profession of athletic training and sports medicine; The history and development of the profession and the concept of the sports medicine team, function, career opportunities and professional standards of the national (NATA), as well as medical terminology. Students will be required to complete a 50-hour clinical observation.

PED 238 Introduction to Exercise Science

3.00 credit hours

This course gives an overview of the foundation of exercise science and the professions in physical education and sport. The course is designed to enable the students to understand the exercise sciences as fields of academic study and programs as well as professional applications. In addition, this course enables students to discriminate among these contexts and relate to them by applying relevant knowledge and appropriate theoretical perspectives. It also explores the foundation of exercise physiology and how the cardiovascular, metabolic, and neuromuscular systems respond during exercise.

PED 239 Exercise Prescription

3.00 credit hours

This course provides students with the recommendations and rationale necessary to design fitness programs for healthy adults and special populations. In addition, the course will explore the application of specificity, overload, and progression as well as provide an overview of acute program variables, changes made in a program, selection of exercises, how to determine frequency, and exercise sequence. Students will learn to exercise program design based on underlying principles and concepts developed for very specific training goals and match these goals with the necessary program design to achieve desired results. The course also addresses how to add variation to a training program with weight loads, repetitions and sets, intensity, volume, and rest period lengths.
Prerequisite: PED 136

PED 310 Independent Study

1.00 credit hours

This is a course designed to provide intensive work in an area of special interest or a required topic in physical education. This course is available to qualified students upon recommendation from the academic advisor and the instructor related to the topic.

PED 320 Independent Study

2.00 credit hours

This is a course designed to provide intensive work in an area of special interest or a required topic in physical education. This course is available to qualified students upon recommendation from the academic advisor and the instructor related to the topic.

PED 330 Independent Study

3.00 credit hours

This is a course designed to provide intensive work in an area of special interest or a required topic in physical education. This course is available to qualified students upon recommendation from the academic advisor and the instructor related to the topic.

PED 332 Kinesiology and Biomechanics

3.00 credit hours

This course reinforces student knowledge of anatomy and provides the student with the opportunity to develop competencies essential to analyzing physical activity performance. Laboratory experience is included.

Prerequisite/Corequisite: BIO 249, Human Anatomy and Physiology I.

PED 335 Methods & Materials of Tech Pre-School Through 6th Grade Physical Education

3.00 credit hours

PED 335 Methods and Materials of Teaching Pre-School Through 3.00 credit hours 6th Grade Physical Education A course designed to provide students with knowledge and practical experience that will enhance their effectiveness in teaching physical education in pre-school through sixth grade students. Laboratory experience is required.

PED 336 Adapted Physical Education

3.00 credit hours

PED 336 Adapted Physical Education Pedagogy 3.00 credit hours This course is designed to provide the student with the philosophy, knowledge, and methods of teaching physical education to students with disabilities and those who are exceptional A practical experience (required lab) is included to implement classroom instruction.

PED 338 Junior Seminar

3.00 credit hours

The first of two formal courses facilitate the writing of the senior

investigative paper. The students will complete a proposal for their senior paper as an outcome of this course. To accomplish this outcome, students will learn research methods and strategies necessary to complete an acceptable proposal for their senior investigative paper.

PED 341 Measurement & Evaluation in Human Performance

3.00 credit hours

This course is designed to develop an understanding of measurement and evaluation concepts of health and human performance, with a special focus on the analysis and interpretation of data in different environments.

Prerequisite: MTH 132

PED 431 Methods & Materials of Teaching 7th Grade Through 12th Grade Physical Education

3.00 credit hours

A study of and the effective use of methods and materials (media and the computer) for teaching physical education to seventh through twelfth grade students. Laboratory experience is required. Emphasis will be placed on test construction.

PED 432 Exercise Physiology

3.00 credit hours

This course presents fundamental concepts and materials pertinent to the various functions of the human body during physical activity. It provides the student with knowledge of the physiological effects of exercise as well as an awareness of the values of physical activity to man's well-being. Laboratory experience is required. BIO 143 or permission of the instructor.

Prerequisites: BIO 240 or BIO 249; PED 332 (can be taken concurrently)

PED 437 Athletic Injury Care and Prevention

3.00 credit hours

This course provides an introduction to the care and prevention of athletic injuries. Topics covered include pathology of injury, injury recognition and evaluation, care and treatment of injuries, protective equipment, environmental concerns, nutrition, psychological considerations, and administration as related to the practice of providing athletic care. Laboratory experience is included.

Prerequisites: BIO 143 PED 237

Corequisite: BIO 240 or BIO 249

PED 438 Program Design in Fitness & Wellness

3.00 credit hours

This course gives students the basic skills necessary to develop and implement fitness and wellness programming for health clubs, recreation facilities, YMCAs, and Boys and Girls Clubs. Emphasis is placed on management, programming, and leadership procedures specifically for the fitness and wellness professional. Students

receive detailed insight on how to design and monitor programs that are safe and effective for all individuals. Students demonstrate both a thorough understanding and practical application of exercise theory, training effects, program design, and assessment procedures of fitness and wellness programming.

Prerequisites: PED 239

PED 490 Special Topics in Physical Education and Sport Management

3.00 credit hours

An occasional or experimental course focusing on a specific topic designed to provide advanced study in an area of special interest in physical education and sport management. This course is an elective and is available to qualified students upon recommendations from the academic advisor and the instructor. This course may be repeated for additional credit.

Physics (PHY)

The courses in Physics are designed to train those who plan to pursue Engineering, Math, Computer Science, Chemistry, Biology, or a Health profession. Additionally, these courses are designed to provide general knowledge in the modern fields of descriptive and quantitative experimental physics.

PHY 241 General Physics

4.00 credit hours

The first course in a two-semester algebra-based introduction to physics. Includes fundamental principles of physics in relation to classical mechanics, thermodynamics, vibrations, and wave motion. Three lecture hours and three hours of laboratory work a week. Prerequisite: a grade of C or higher in Math 138 or consent of the Department. LSP: NS

PHY 242 General Physics

4.00 credit hours

A continuation of PHY 241. This course offers an introduction to the fundamental principles of physics in relation to electricity, magnetism, light, optics, and modern physics. Three lecture hours and three hours of laboratory a week. Prerequisite: a grade of C or higher in PHY 241 or consent of the Department. LSP: NS

PHY 243 Mechanics

4.00 credit hours

The first course in a two-semester calculus-based introduction to physics. This course offers an introduction to vectors; statics and dynamics of particles; momentum, work, and energy; conservation law; and mechanics of rigid bodies. Three lecture hours and three hours of laboratory work a week.

Prerequisite: A grade of C or higher in MTH 231 or consent of the Department. LSP: NS

PHY 244 Electricity and Magnetism

4.00 credit hours

A continuation of PHY 243. This course offers an introduction to the physics of electricity and magnetism, including electric fields, electric currents, circuits, magnetic fields, Maxwell's equations, and electromagnetic waves. Three lecture hours and three hours of laboratory work a week.

Prerequisite: A grade of C or higher in PHY 243 and MTH 232 or consent of the Department. LSP: NS

PHY 330 Laboratory Electronics

3.00 credit hours

An introduction to basic principles of electronics, operation of electronic measuring devices, and construction of devices for electrical and electronic measurements. Prerequisite: Consent of department. One hour of lecture and three hours of laboratory work a week.

PHY 331 Introduction to Modern Physics I

3.00 credit hours

A study of waves in elastic media; sound; light; reflection, refraction, interference and diffraction; lenses and mirrors; quantum physics; nuclear reactions; atomic structure and the wave nature of matter. Prerequisite: PHY 244.

PHY 332 Introduction to Modern Physics II

3.00 credit hours

Radioactivity, disintegration of nuclei, fission and fusion, nuclear processes, fundamental particles, and accelerators. Prerequisite: PHY 331.

PHY 344 Waves and Optics

4.00 credit hours

A study of waves, acoustics, and optics. Prerequisite: PHY 243. Three lectures and four hours of laboratory work a week.

PHY 345 Biophysics

4.00 credit hours

Sound and the ear, light and the eye, microscope, the physics of muscular contraction, electrocardiography, and radiation physics. Biophysical techniques utilizing wave phenomena, nuclear phenomena, and mechanical and electrical phenomena. Prerequisite: PHY 241-242 and BIO 143. Three lectures and four hours of laboratory a week.

PHY 423 Selected Experiments in Physical Chemistry

2.00 credit hours

Laboratory course to accompany Chemistry 431. Four hours of laboratory work a week. Cross listed with CHE 423. Prerequisite: CHE 112; PHY242 or 244. Co-requisite: CHE 431 or PHY 431

PHY 424 Selected Experiments in Physical Chemistry

2.00 credit hours

Laboratory course to accompany Physics 432. Four hours of laboratory work a week. Cross listed with CHE 424. Prerequisite: CHE 112; PHY242 or 244. Co-requisite: CHE 431 or PHY 431.

PHY 431 Physical Chemistry I

3.00 credit hours

The principles of chemistry and physics as applied to the properties and behavior of gases, liquids, solids, and solutions. The basic principles of thermodynamics, quantum mechanics, and kinetics and their applications to chemical and biochemical systems. Cross listed with CHE 431. Prerequisites: CHE 132, MTH 231, and PHY 242 or 244.

Lectures: Three hours a week.

PHY 432 Physical Chemistry II

3.00 credit hours

A continuation of Physics 431. Cross listed with CHE 432. Prerequisite: CHE 431 or PHY 431. Lectures: Three hours a week.

Political Science (POL)**POL 100 Introduction to Political Science**

3.00 credit hours

This course is an intro-level Political Science course and is designed to be the first exposure to Political Science for students-majors as well as non-majors. It is an introduction to the study of political behavior, processes, and institutions. The course includes a discussion and comparison of political ideas, theories, systems and policies. Focus on analysis of political problems on a national and global level, as well as a definition of central concepts. This course is proposed to accommodate the new Liberal Studies program under the pillar of Social and Behavioral Sciences. This course will be offered in multiple sections every semester, with no Prerequisites:

POL 131 American Government

3.00 credit hours

POL 131 American Government Three credit hours A study of the development, structure, and operation of the American political system. (Offered Fall and Spring Semesters).

POL 230 Intro to Political Analysis

3.00 credit hours

An introductory study and application of the concepts and methods necessary for analysis of the political system. (Fall Semester Only) Prerequisites: POL 131 or permission of instructor

POL 231 State and Local Politics

3.00 credit hours

A study of politics and administration at the sub-national level. Emphasis on the social, economic, and legal settings of state and local governments in the American federal system. Topics include intergovernmental relations, fiscal problems, and services delivery. (Offered in alternate years). Prerequisites: POL 131, POL 230 or permission of instructor

POL 235 Contemporary African Politics

3.00 credit hours

This course provides an overview of African politics in historical context, synthesizing material from traditional Comparative and area studies that examine democratization, economic Comparative and area studies that examine democratization, economic Development, and identity politics. This course also examines Africa's position in a broader international framework by addressing conflict and political economy. And the processes of state division and integration. This course is three credit Hours and will be offered as an elective in alternate years. This course also Requires no Prerequisites.

POL 330 Public Administration & Management

3.00 credit hours

A study of the formulation of public policy, organization, management and problems of personnel and finance.
Prerequisite: POL 131. (Offered in alternate years).

POL 331 Law and Politics
3 credit hours

This course is an introduction to the American legal system, focusing on its political context and significance. It sketches the structure and functioning of the federal court system and then explores the courts' impact on individuals who seek to vindicate their rights through litigation and on those who become involved with the criminal justice system. Special attention is devoted to the history and role of the legal profession in America. (Offered in alternate years)

POL 332 Third World Politics
3.00 credit hours

A study of politics and problems of selected countries in Africa, Asia, and Latin America. Topics include social and economic development strategies of poor countries, South-South cooperation, and North-South relations. (Offered in alternate years)

POL 333 Comparative Political Systems
3.00 credit hours

A comparative analysis of various political systems in developed and developing countries. Emphasis on the parliamentary system (as modified) and the American Presidential system. (Spring Semester).
Prerequisites: POL 131

POL 334 International Relations
3.00 credit hours

An analysis of the international political system, including the distribution of power among states in the international systems, the manner in which states try to increase their capabilities, and the various mechanisms for conflict adjustment. (Fall Semester Only)

POL 335 Political Theory
3.00 credit hours

A study of classical and modern political thought exploring the great questions of justice, freedom, and equality, and alternative forms of government. Offered in alternate years. (Spring Semester).
Prerequisites: POL 131

POL 339 Black Political Thought
3.00 credit hours

A study of development of Black political thought in the U.S. The course is designed to critically examine and evaluate various themes, perspectives, and approaches in Black political thinking and behavior as they emerged in the writings and activities of leading Black figures and movements from the 19th century to present. (Offered in alternate years).

POL 398 Research Methods
3.00 credit hours

The study and application of basic research materials and methods in political science. Emphasis on understanding the advantages and disadvantages of various research methods and building facilities in reading and evaluating different types of studies. A writing and speaking intensive course, preparatory for senior paper project. Required for all majors. Should be taken during the spring semester of junior year.

(Spring Semester).
Prerequisites: Statistics (MTH 136 or SSC 233); POL 131

POL 430 Women in Politics
3 credit hours

This course is an exploration of historical and contemporary women's political issues and the ways in which women articulated key issues both globally and domestically, mobilized and empowered themselves along with their communities to address those issues. Throughout this course, different theoretical and methodological frameworks will be used to explain women's socioeconomic status, their relationship to the state, and the impact of public policies on their lives and their communities. (Offered in alternate years)

POL 431 Policy Analysis
3.00 credit hours

This course examines the concepts, approaches, processes, issues, and problems involved in policymaking and implementation, as well as the methods, techniques, and strategies for the analysis and evaluation of the impact of policy and program outcomes in public and private organizations or institutions.
Prerequisites: POL 131 and POL 230

POL 432 Seminar in American Politics
3 credit hours

An in-depth study of selected institutions and processes in American politics, such as Congress, the Presidency, political parties, and the electoral process. (Offered in alternate years)

POL 433 International Organization
3.00 credit hours

A study of the nature and role of international law and the operations of the United Nations and various regional and functional organizations. Offered in alternate years.

POL 434 Constitutional Law I
3.00 credit hours

This course surveys the historical development of American constitutionalism from its beginnings until 1900. Emphasizes the framing of the Constitution and different approaches to its meaning, the origins and rationale of judicial review; evolving doctrines of judicial self-limitation; and early cases on race relations. (Offered in alternate years)

POL 435 Civil Rights & Civil Liberties
3.00 credit hours

This course surveys modern Supreme Court cases in four subject areas: racial discrimination; gender discrimination; freedom of speech; and presidential powers. Selected students participate in a moot court exercise. (Offered in alternate years)
Prerequisites: POL 434 or permission of instructor

POL 436 Bureaucracy and Organizational Behavior
3.00 credit hours

A critical examination of the problems, structures, and practices in large modern organizations with particular emphasis on the American bureaucracy, using empirical case studies of both public and private organizations. (Offered in alternate years).

POL 437 Foreign Policy
3.00 credit hours

A study of the foreign policy behavior of nation states with a critical investigation into its formulation and implementation. Special emphasis on American foreign policy

POL 438 Seminar in Political Theory
3.00 credit hours

This course is an upper-level Political Science elective course and is designed for Political Science juniors and seniors who are either concentrating on Political Theory as a subfield or seeking a more challenging and focused course in Political Theory. This course will examine Contemporary Political Theory, American Political Thought or Democratic Theory in turn (Offered in alternate years)

POL 439 Internship
3.00 credit hours

A supervised internship in a professional work environment designed to give students practical experience as well as knowledge and skills in a relevant professional field. Students are responsible for a minimum of 120 hours of work and must complete a paper on their work activities and experiences. (May be repeated up to 12 credit hours in total).

POL 491 Special Topics in Political Science
3.00 credit hours

Advanced reading, papers, and discussions on selected topics in political science. Topics are determined by the instructor. May be repeated for a total of 12 credits hours.

POL 499 Senior Paper
3.00 credit hours

Data collection, analysis and interpretation, revision, and defense of the paper. Independent study format.

Psychology (PSY)

PSY 131 General Psychology
3.00 credit hours

A course designed to provide an understanding of behavior through the study of growth and development, motivation, emotion, learning, personality, intelligence, and other related topics. LSP: SB
Prerequisite: A grade of "C" or better in ENG 131

PSY 132 Research in Psychology
3.00 credit hours

A survey of research-based studies that have had a profound influence on the field of psychology. This course emphasizes the use of scientific methods in the study of human behavior. It concentrates on the disciplined, rigorous, systematic methods employed in important research across several areas of psychology and provides a framework for understanding psychological research.
Prerequisite: A grade of C or better in PSY 131.

PSY 230 Psychology of the Exceptional
3.00 credit hours

An examination of psychological approaches to understanding exceptional children. Emphasis is placed on applications to educational settings.
Prerequisite: PSY 131.

PSY 231 Psychology of Adjustment
3.00 credit hours

This course will provide an overview of the major theories, concepts and principles in Psychology that can be applied to issues of personal and social adjustment. 3.00 credit hours.
Prerequisite: PSY 131 or Permission of Instructor.

PSY 233 Descriptive and Predictive Statistics
3.00 credit hours

Basic statistical concepts and procedures used in social and behavioral research. Emphasis is on data classification, data organization, graphing, distribution description, central tendency, dispersion, z-scores, the Normal Distribution, probability, coefficients of association, coefficient of determination, and prediction. Use of computers for all procedures. Co-listed as SOC 233 and SSC 233.

Prerequisites: a grade of C or better in CSC 131 and 3 credit hours of math (MTH 131 or higher).

PSY 234 Inferential Statistics
3.00 credit hours

Statistical procedures and interpretation for causal inference of experiment results. One and two tailed z-tests, t-tests, analysis of variance, and chi square. Use of computers for all procedures.
Co-requisite: PSY 333.
Prerequisite: a grade of C or better in PSY 233.

PSY 235 Psychology of Childhood
3.00 credit hours

A study of the development of children from conception to adolescence. The biological factors and social forces that affect the growing child are dealt with, such as cognitive and moral development, learning, maturation, and family relationships.
Prerequisite: PSY 131.

PSY 237 Psychology of Adolescence
3.00 credit hours

The psychology of behavior arising from the problems peculiar to the transitional period between childhood and maturity.
Prerequisite: PSY 131.

PSY 239 Educational Psychology
3.00 credit hours

A study of the theories of education and the principles of classroom learning. Concepts dealing with the acquisition of knowledge and interpersonal social relations are emphasized. The practical applications of these principles are incorporated.
Prerequisite: PSY 131.

PSY 240 Development Through the Lifespan
3.00 Credit Hours

This course offers a broad overview of the field of Developmental Psychology, a scientific approach to studying change across the lifespan. Specific domains of human development—social, cognitive, cultural, emotional, and physical development—will be covered chronologically, from conception through death. This course will cover eleven life stages: Prenatal Development, Infancy, Toddlerhood, Early School Age, Middle childhood, Early Adolescence, Later Adolescence (Emerging Adulthood), Early Adulthood, Later Adulthood, and Elderhood

(Older Adulthood).
Prerequisite: PSY 131

PSY 315 Selected Topics in Psychology
1.00 credit hours

Exploration of special psychological topics. May be repeated.
Prerequisite: 15 credit hours in psychology or permission of the instructor.

PSY 325 Selected Topics in Psychology
2.00 credit hours

Exploration of special psychological topics. May be repeated.
Prerequisite: 15 credit hours in psychology or permission of the instructor.

PSY 330 The Psychology of Learning
3.00 credit hours

A study of the facts and theories of human and animal learning.
Prerequisite: PSY 131.

PSY 331 Black Psychology
3.00 credit hours

A study of the historical development of Black psychology, the conceptual paradigms, cultural themes, and psychological constructs to understand the feelings and behaviors of African Americans and the empirical data collected and analyzed in professional journals.
Co-listed as AAS 537.

PSY 332 Health Psychology
3.00 credit hours

Health psychology is a rapidly emerging field of basic and applied research that utilizes principles of psychology to impact health and illness across the lifespan. Health psychology seeks to elucidate the role that behavior and its physiologic concomitants play in the etiology, treatment, and prevention of disease. Specific topics addressed include behavioral, psychosocial, and neuropsychological correlates of chronic diseases such as asthma, cancer, diabetes, multiple sclerosis, hypertension, and other cardiovascular diseases; the physiology and management of chronic pain; psychoneuroimmunology and behavioral influences on infectious diseases (i.e., HIV/AIDS and the common cold); and sleep-related health consequences.
Prerequisite: PSY 131.

PSY 334 Quantitative and Qualitative Research Methods
3.00 credit hours

Builds and extends knowledge gained in PSY 333 by examining each aspect of the research more intensely, leading to revising portions of the research. Reexamines the nature and organization of the research to determine whether it is best suited for a quantitative or qualitative approach, then reexamines supporting literature, theoretical perspectives, methods, procedures, analysis, and interpretation of expected results. Recommended as preparation for PSY 430.
Prerequisites: a grade of C or better in PSY 234 and 340.

PSY 335 Selected Topics in Psychology
3.00 credit hours

Exploration of special psychological topics. May be repeated.
Prerequisite: 15 credit hours in psychology or permission of the instructor.

PSY 336 Consumer Behavior
3.00 credit hours

A study of human behavior as it relates to the consumption of goods and the use and acceptance of services. The early history, growth, and recent trends in consumer psychology are incorporated into coverage of the characteristics of consumers and consumer decision-making. Occupations that apply psychological concepts to the study of consumer behavior are explored. Co-listed as MKT 336.

PSY 337 Industrial/Organizational Psychology
3.00 credit hours

An examination of the knowledge and skills required to deal with problems of people at work. Topics include processes of communication, personnel selection and placement, training, motivation, evaluation, conflict reduction, performance enhancement, and job satisfaction.

PSY 338 Personality Theory
3.00 credit hours

An introduction to some of the major theories of personality and their implications for daily living. The contents and functions of personality theories are explored. The course reviews the writing of researchers/writers from the Psychoanalytic, Behavioral, Cognitive, Trait, and Humanistic perspectives. Methods of measuring personality functioning and promoting change are also examined.
Prerequisite: PSY 131.

PSY 339 Principles of Psychological Measurement
3.00 credit hours

An introduction to psychological testing that includes an exploration of the functions and origins of the area. Basic characteristics of assessment techniques, such as the establishment of reliability and validity, are studied. Students are introduced to some of the major psychological tests available today. Laboratory experience in test administration and interpretation is included.
Prerequisite: PSY 131.

PSY 340 Research Methods
4.00 credit hours

An introduction to the theory, methods, and techniques of experimental psychology. The goal is to introduce experimental methodology as both a research tool and as an aid for understanding and evaluating research. Further emphasis on mastering APA style, developing basic competence in following a research protocol, and using statistical software to analyze and interpret research results. Co-requisites PSY 234 and a grade of C or better in PSY 132 and PSY 233. Lecture: Three hours per week. Laboratory: Two hours per week.

PSY 390 Women, Race and Class
3.00 credit hours

The course is designed to provide an examination of the development and persistence of race, class, and gender issues in the United States. Close attention is given to the historical, cultural, political, economic, and social institutions and influences and their implications for a pluralistic society. These and other issues are discussed as they relate to each other and current issues.
Prerequisite: PSY 131 or permission of the instructor.

PSY 392 Physiological Psychology

3.00 credit hours

A survey course designed to explore the physiological bases of human and nonhuman behavior. Primary emphasis is on the nervous system and its role in the control of physiological mechanisms that govern behavior. The first part of the course establishes an elementary background in neurons and neurophysiology, neuroanatomy, neurochemistry, and methods used in psychophysiological research. The physiological bases of sensation, perception, and various behaviors, including sleep, emotions, motivation, learning, memory, eating, and drinking are explored during the second part of the course. In addition, clinically relevant topics dealing with psychological and neurological disorders such as depression, schizophrenia, Parkinson's, and Alzheimer's diseases are also covered.
Prerequisite: PSY 131.

PSY 430 Senior Seminar I

3.00 credit hours

A collaborative group experience supplemented by individual sessions with faculty and an independent effort, all designed to aid seniors in the successful writing of a Senior Investigative Paper. At the end of the semester, the proposal is presented to the faculty and second reader and submitted as an application to the Institutional Review Board. Required of all first-semester seniors who have declared psychology as a major.
Prerequisites: Major credit for PSY 131, 132, 233, and 340.

PSY 431 Social Psychology

3.00 credit hours

Problems, concepts, and methods in the study of social interaction and interpersonal influence. Co-listed SOC 431.
Prerequisite: PSY 131.

PSY 432 Abnormal Psychology

3.00 credit hours

An examination of the descriptions, dynamics, and modification of behavioral deviations and psychological disorders. Focus is on the classification of abnormal behaviors, theoretical explanations, and resultant treatment methods for each disorder. The course is supplemented with case examples, community outreach activities, and multimedia presentations.
Prerequisite: PSY 131 or permission of instructor.

PSY 433 Internship in Psychology

3.00 credit hours

An opportunity for students, under supervision, to participate in professional psychological activities such as testing, counseling, job placement, group therapy, and research. Each student is responsible for 120 hours of work in a selected community agency and for participation in periodic seminars.
Prerequisites: 15 credit hours in Psychology and permission of the instructor.

PSY 434 Introduction to Clinical Psychology

3.00 credit hours

A study of the historical development of clinical psychology and an exploration of the theories of personality and behavior, the techniques and problems of diagnosis and personality assessment, the research role of the clinical psychologist, the diversity of psychotherapeutic approaches, community psychology and mental health, and professional issues related to the training and practice of clinical psychologists.

Prerequisite: PSY 131.

PSY 435 Theoretical Psychology

3.00 credit hours

A comprehensive review of the development of the field of psychology and the systems and theories that have evolved out of their historical roots. Contemporary trends in each area of the discipline are explored.
Prerequisite: PSY 131.

PSY 436, 426, 416

1.00, 2.00, 3.00 credit hours

Independent Research in Psychology

One, Two, or Three credit hours independent investigation of topics of special interest.

Prerequisites: Junior classification, 6 credit hours in Psychology, approval of faculty supervisor. May be repeated.

PSY 437 Senior Seminar II

3.00 credit hours

Successful completion and public presentation of the research project proposed in PSY 430: Senior Seminar I. Students collect, analyze, and interpret data. Required of all psychology majors during the second semester of their senior year.

Prerequisites: Major credit for PSY 430.

Public Leadership (PLS)

PLS 131 Introduction to Public Leadership

3.00 credit hours

This course emphasizes basic principles of leadership and infuses them into experiences inside and outside of the classroom. Students will explore leadership practices through learning objectives connected to the foundational aspects of governmental organization, nonprofit operations, and political development. This course satisfies Social and Behavioral Sciences pillar requirement for the Liberal Studies curriculum. There are no Prerequisites or requirements for this course.

PLS 135 Principles of Mentorship

3.00 credit hours

This course will explore various environments as socio-cultural artifacts. It will serve as an orientation to mentorship and service and is designed for individuals interested in being involved in youth work. In particular, the course will examine issues and trends within education and other social service professions. Students will contemplate major theories of mentorship and service, as well as historic and contemporary philosophies on mentorship. Further, the course will provide a broad overview of social service professional trajectories, wherein students will learn about the roles of teachers, school leaders, as well as non-profit and social service managers. There are no Prerequisites or requirements for this course. LSP: SB

PLS 231 Interpersonal Leadership Development

3.00 credit hours

This course is an interpersonal journey of self-discovery. The course is designed to provide students with an opportunity to explore their personal leadership potential. Using a variety of self-assessment and reflection, students will identify personal motivators, ethics, values and vision. The class uses career and leadership inventories such as

Leadership Practices Inventory, Strength Finder, and Myers Brigg Personality Type Indicator (MBTI) to provide a base for personal growth and development. Leadership development from an individual perspective is highlighted, and interpersonal competencies are explored.

PLS 234: Personal Branding
3.00 credit hours

This course will assist students in developing fundamental concepts and theories of self-marketing, to include personal discovery, definition and leverage, brand creation, communication hooks and strategies, and brand perpetuation. This course will help students focus on their individual skill sets and branding to pursue their desired career path.

PLS 235: Global Leadership
3.00 credit hours

This Course is designed to introduce students to key concepts and figures of leadership and leadership development within an international context. As our world becomes more interconnected, it is increasingly important for students to know the leadership paradigms enacted in other nations as well as understand the profiles of some of the planets' most influential leaders of the present age. This course will take an in-depth look at notions such as emotional health; empowerment theory; organizational communication; and the deity complex to examine figures of global import. This course is intensive reading and writing and may involve international travel. There are no Prerequisites or requirements for this course. LSP: IG

PLS 236: Critical Thinking: Strategies for Effective Learning
3.00 credit hours

This course is designed to enhance academic self-confidence and student achievement by developing critical and creative reasoning, providing strategies for persuasive communication, and introducing students to a variety of effective learning strategies. Students will use principles of deductive and inductive logic to evaluate and construct various forms of argument to be presented in both written and oral format.
Prerequisite: ENG 131 and RHC 133.

PLS 331: Organizational Leadership Development
3.00 credit hours

This course is designed to examine leadership as it relates to group and team behavior. Topics will focus on: components of a group and team, relationships of group and team members, effectiveness of groups and teams, communication in groups and teams, and leadership of groups and teams.
Prerequisite: PLS 131.

PLS 332: Diversity Leadership in Organizations and Communities
3.00 credit hours

This course provides tools for analysis of the dynamic interactions of personal characteristics, technical skills, interpersonal influence, commitment, goals, and power. This course also provides students with the capability to understand leadership within the public, non-profit, and community sectors infusing knowledge on cultural competencies. The course considers public leadership theory through the review of current literature, research, and case studies in real-world contexts.
Prerequisite: PLS 131.

PLS 430: Classic Figures and Theories in Leadership
3.00 credit hours

These classic theories courses are designed to help students understand the complexity of leadership and to develop within students an appreciation for the scholarly discipline of leadership theory.
Prerequisite: PLS 131.

PLS 433: Ethical Leadership in a Changing Landscape
3.00 credit hours

This course will investigate constructs such as morality and virtue, as well as their role and influence in the domain of ethics. Ethics, while about good and bad, right and wrong, provides a particular guidepost, compass or yardstick by which one can make judgments about expressed thoughts and behaviors.
Prerequisites: PLS 131 or PLS 232.

Rhetoric and Culture (RHC)

RHC 130 African Diaspora Seminar
3.00 credit hours

This interdisciplinary seminar surveys the African continent, its diasporas, as well as it explores intersectional connections of people of African descent globally. The purpose of the course is to introduce students to the historical, geopolitical, cultural, social, spiritual, and intellectual contours of Africa and its Diasporas. This culturally responsive curriculum provides students with foundational knowledge of Africana indigenous research methodologies, global Black philosophies, belief systems, social institutions, political movements, distinguished leaders, as well as an examination of the underpinnings of race-based systems that foster exclusionary practices, disparities, and inequities within African descendent communities worldwide. encourages students to expand their understanding of classical and modern African and African diaspora civilizations as well as explore their holistic selves and African heritage by enhancing their knowledge of their ethno-cultural genealogy and how it intersects with their other identities. The capstone project asks students to critically examine how a historical diasporic movement, event, or issue connects to a contemporary movement, event, or issue facing an African descendant group or communities.

RHC 131 Artificial Intelligence (AI) and the African Diaspora
3.00 credit hours

This transdisciplinary course will introduce students to the current state of Artificial Intelligence (AI) development and deployment across different sectors as well as explore its potential impact on global Black communities living within and outside of the African continent. This course implements a justice-centered computing education framework that centers and critically examines African diasporic people's cultural practices, histories, languages, philosophies, participation and representation in AI advancement.
Prerequisites: None

RHC 133 Academic Research
3.00 credit hours

This course introduces students to a variety of academic writing styles from various disciplines and seeks to improve students' rhetorical skills in writing clear, purposeful, effective prose in an academic context. Students will learn how to develop an effective research question, propose a research project, conduct research, compile an annotated bibliography, and produce a properly formatted research paper grounded in this research. The course focuses on developing reading skills in an academic context, as well as critical thinking and written communication skills related to conceiving and executing a research project. Students must receive a grade of C or higher.

Prerequisites: ENG 131. LSF:RH

RHC 296-297-298 Rhetoric & Culture Independent Study

1.00 -3.00 credit hours

This course explores applied research projects, work experiences and structured courses of study in specific areas that advance the student's rhetorical skills, critical thinking, cultural competencies and collaborative communication skills, particularly in the areas of communication, history, politics, English and foreign language, and global studies or in multidisciplinary teams. Projects might include an introductory, international immersion experience, strategic work on a political awareness outreach, service as a speech lab mentored-scholar or faculty-led oral history project. May be repeated for a total of three credit hours as a general elective. Pre-requisites: Permission of instructor.

Religion (REL)

REL 131 Survey of the Great Living Religions

3.00 credit hours

A study of the worlds living religions, including those of Africa, considering their historical development, beliefs, practices, and contemporary importance. LSP: IG

REL 132 Survey of the History of Christianity

3.00 credit hours

This course is a one-semester survey of key ideas and events in the development of Christianity as a global religion. Its purpose is not to be comprehensive, but to lay a foundation for a more in-depth learning in upper-level courses.

REL 231 Introduction to the Hebrew Bible

3.00 credit hours

This course is a survey of the literature of the Hebrew Bible with readings from the law, prophets and other writings. Emphasis is placed on the use of literary, historical, archeological, and cultural analysis. Students are introduced to the critical methodologies that contemporary scholars use to understand Old Testament literature.

REL 232 Introduction to the New Testament

3.00 credit hours

This course is a survey of New Testament literature with readings from the gospels, Acts, and Pauline and pastoral letters. Topics include the literary structure, audience, and religious perspective of the writings, as well as the historical and cultural context of the early Christian community. Students are introduced to the critical methodologies that contemporary scholars use to understand New Testament literature.

REL 236 The History of Christianity in America

3.00 credit hours

Major aspects of Christian thought and institutions in the United States, from colonial times to the present, with special reference to the development of Afro-American churches.

REL 237 Religious Art and Visual Culture

3.00 credit hours

An examination of religious artwork from ancient civilization to today.

This course will examine the role and purpose of artwork through the ages as well as the social and cultural implications of the artwork.

Prerequisites: REL 131.

REL 330 The Black Man: His Religious Institutions and Thought

3.00 credit hours

A study of the Afro-American religious experience. Attention to its African antecedents; its development from, dependence upon, and independence of Euro-American Christianity; and the emerging critique of religions relevance to culture.

REL 331 History and Theology of the Black Church

3.00 credit hours

A review and analysis of the significant religious experiences unique to African American churches and the theology that developed out of the black church experience. Special attention is given to the African and European sources of African American Christianity, the social, political, spiritual, and cultural dynamics that influence religious expressions in the black church, and the development of approaches and processes to bring about justice and social change in response to systemic discrimination and the institutionalization of social barriers. Prerequisites: REL 132.

REL 332 Introduction to Liberation Theology

3.00 credit hours

This course will explore Latin American Liberation Theology, Black Theology, Feminist Theology, Womanist Theology, and other theologies of liberation emanating from the developing countries of the world, through a careful reading of some of the most significant writings of the proponents of these movements. Prerequisites: REL 132.

REL 335 The Sociology of Religion

3.00 credit hours

This course explores religion from a social-scientific perspective, examining major theoretical explanations of religion, the social sources of religion, the nature of religion as a social institution, the interrelationships between religion and other aspects of social reality, such as culture, politics, economy, gender, race, and social class.

REL 337 Islam in America

3.00 credit hours

After a brief review of the emergence and development of Islam as a global religion, this course will explore the history of Islam in the United States, taking note of especially of the relationship between global Islam and the Nation of Islam, and of the effects of post-September 11th "War on Terror" for the Islamic communities of the United States. Prerequisite: REL 131. LSP: IG

REL 430 Seminar in Religion

3.00 credit hours

Advanced research on selected topics in religion.

Smith Seminar (SMS)

SMS 100 Smith Seminar

3.00 credit hours

This course is designed to meet the needs of first year students at Johnson C. Smith, including entering freshmen as well as transfer

students. The course aims to foster academic success, facilitate student engagement and connection with the JCSU experience, and prepare and assist students in their personal growth and development as they forge intellectual and professional identities. LSF: SS

Social Work (SWK)

SWK 234 Introduction to Gerontology

3.00 credit hours

This course offers a survey of biological, psychological, and social perspectives and research relevant to the study of human aging. In addition, students are introduced to concepts and entry-level skills that are applicable for human services to the elderly. (Co-listed as SOC 234). (Offered Alternate Semesters)

SWK 239 Introduction to Social Work

3.00 credit hours

A survey course which provides a general knowledge of social work as a profession and its many areas of professional practice. (Offered Fall and Spring Semesters).

SWK 300 Cultural Competence and Anti-Racism in Social Work

3.00 credit hours

The purpose of Cultural Competence and Anti-Racism in Social Work is to develop a foundation for becoming culturally competent, anti-racist social workers for generalist practice. Throughout this course, students will engage in personal and professional reflections of biases that influence social work practice. This course will focus on issues of diversity, oppression, power, privilege, and empowerment in a range of client systems within the context of race, culture, class, gender, sexual orientation, age, and difference. This course also examines issues of bias, racism, oppression, and generalizations of diverse, cultural groups. Students will develop skills in understanding cultural difference, anti-racist practice methods, and utilizing the ecological perspective in working with diverse client systems. This course will include historical, real world and current events both local, national, and international, when pertinent to course learning objectives and in support of weekly topics.

SWK 330 Policy I: The Institution of Social Welfare

3 credit hours

A study course which provides a general knowledge of social work as a profession and its many areas of professional practice (Offered Fall and Spring Semesters)

SWK 331 Child Welfare: Policies & Practices

3 credit hours

A course designed to offer social work students current and comprehensive information which defines, describes, and analyzes the impact of policies on the welfare of children and families. (Offered Alternate Semesters).

SWK 332 Policy II: Social Welfare Policy

3.00 credit hours

An assessment of history, current issues, programmatic changes and choices that affect social welfare services. (Spring Semester). Prerequisites: SWK 239

SWK 333 Social Workers in Clinical Settings

3.00 credit hours

A practical course designed to develop a focused awareness of various primary and secondary settings, the generalist's roles, and a broad knowledge of public and private services available to the public.

SWK 336 Human Behavior and the Social Environment

3.00 credit hours

This course emphasizes knowledge and skills dealing with the normal processes of human development across the life span and the problems that surface when the processes are disrupted. The emphasis will be on cultivating basic analytical skills necessary to begin identifying and evaluating environmental forces that influence human behavior across the life span and attitudes resulting from the interrelatedness of the personality and the environment. Students will present themselves as learners, demonstrate professional demeanor, and use self-reflection and regulation throughout the course. Students will also learn how to apply knowledge of human behavior and the social environment, person-in-environment, and other multidisciplinary theoretical frameworks to engage with clients and constituencies. Practice opportunities and the purpose of this course focus on preparing students to be generalist practitioners by equipping them with knowledge and skills needed to engage and assess individuals, families, groups, organizations, and communities while applying critical thinking and knowledge of human behavior and the social environment. Discussion and practice opportunities will focus on student development of interpersonal, critical thinking skills, and theoretical framework application in practice at the micro, mezzo, and macro levels. The course concludes with a specific focus on the bio-psycho-social needs of older adults in society. Prerequisites: SWK 239, SWK 300, SWK 340 (only open to Social Work majors unless approved by the BSW Program Director and Department Chair)

SWK 338 Special Topics

3.00 credit hours

This course is designed to expose students to issues and information that are pertinent to identifying, communicating, and working effectively with special populations.

SWK 340 Social Work Values and Ethics

3.00 credit hours

The primary objective of this course is to prepare students to have a competent and comprehensive understanding of the ethics and values that guide professional social work practice. This course focuses on the ethical issues and dilemmas that confront professional social workers in practice with individuals, families, groups, agencies, and communities.

SWK 431 Social Work Research Methods

3.00 credit hours

This course will provide an introduction to methods of scientific inquiry. The objectives of the course will be to provide opportunities for students to develop an understanding of scientific methodology including single subject design, to utilize research for identifying and validating social needs, and to assess and analyze data. Prerequisites: SWK 239, PSY 233 or MTH 136

SWK 433 Social Work Direct Practice I: Social Work with Individuals and Families

3 credit hours

SWK 433 Social Work Practice I Three Credit Hours A planned change approach to studying the processes in social work practice with individuals, families, and small groups, incorporating practice skills with knowledge of human behavior and the social environment.

Prerequisites: SWK 330, 334, 335, SOC 432, BIO 240, MTH 136 or PSY 233

SWK 434 Social Work Direct Practice II: Social Work with Communities and Organizations

3.00 credit hours

This course emphasizes the development of social work skills for working with communities, large organizations, and in areas of social administration, utilizing the planned change approach. The application of these skills is interwoven with knowledge of human behavior and the social environment, social policy, and the applicability of research. Social Work Seniors Only. Fall Semester.

Prerequisites: SWK 330, 334, 335, SOC 432, BIO 240, MTh 136 or PSY 233

SWK 435 Social Work Direct Practice III: Social Work with Groups

3.00 Credit Hours

This required course introduces theories basic to the understanding of group development and group processes, and essential to effective social work group practice with a wide range of populations. The emphasis in the course will be on the development of skills needed to plan, prepare, facilitate, terminate, and evaluate a variety of types of groups for clients across the life span. The basics of assessing the need for a group will be presented, along with the guidelines for establishing the logistical parameters of the group. An overview of research on best practices in group work will be provided, and methods for evaluating group work will be introduced. Students will also gain an understanding of how to use interpersonal helping skills in leading group members toward established goals by building on existing strengths. Students will explore the various ways that diversity (age, class, color, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation), equity, and inclusion play in the dynamics of group process.

Prerequisites: SWK 239, SWK 300, SWK 340, SWK 336 and SWK 431.

SWK 436 Senior Investigative Paper I

3.00 credit hours

A course designed for the preparation of the core of the senior investigative paper. Social Work Seniors Only.

Prerequisites: MTH 136 or PSY 233, SWK 431

SWK 437 Community Organization

3.00 credit hours

A course designed to provide a macro perspective of the practice principles and processes essential in mobilizing social welfare needs and community resources.

Prerequisites: SWK 239

SWK 438 Senior Investigative Paper II

3.00 credit hours

This course provides second semester seniors with an environment for discussions, the exchange of ideas, the fine tuning of their Senior Investigative Papers and preparation of orals. Open to Social Work seniors only.

Prerequisites: All general education requirements including MTH 136 or PSY 233 and the successful passage of SWK 239, SWK 330, SWK 332, SWK 334, SWK 335, SWK 279-431, SWK 433, and SWK 436 with a C or

better corequisites: SWK 451 and SWK 492

SWK 495 Social Work Seminar and Practicum Education I

9.00 credit hours

A course requiring students, as a team, to analyze and interpret problems, data, and assigned materials connected with field experiences in light of established concepts and practice principles previously learned. A field placement course designed to help students acquire firsthand knowledge of social work practices in community agencies through active professional work experiences for two days a week in a preselected agency setting. This course is offered during the fall only. This course is open to Social Work Seniors only.

Prerequisites: All general education requirements including MTH 136 or PSY 233 and successful completion of SWK 239, SWK 431, and SWK 433 with a "C" or higher Corequisites: are SWK 436 and SWK 434 208 Social Work (SWK)

SWK 496 Social Work Seminar and Practicum Education II

9.00 credit hours

A course requiring students, as a team, to analyze and interpret problems, data, and assigned materials connected with field experiences considering established concepts and practice principles previously learned. A field placement course designed to help students acquire first-hand knowledge of social work practices in community agencies through active professional work experiences three to four days a week in a pre-selected agency setting (15-18 hours weekly). This course will be offered during the spring semester only. This course is open to Social Work seniors only.

Prerequisites: All general education requirements including MTH 136 or PSY 233, and the successful completion of SWK 239, SWK 300, SWK 330, SWK 332, SWK 334, SWK 335, SWK 340, SWK 431, SWK 433, SWK 495 with a "C" or higher Corequisites: are SWK 437

SWK 602 Anti-Racism, Diversity, Equity, and Inclusion

3.00 credit hours

This course will introduce students to social work advocacy strategies for deconstructing institutionalized systems of oppression. Specifically, this course will acquaint students with the social worker's role in addressing issues of power, privilege, and oppression. From a social justice perspective, students will examine how society creates and sustains opportunities or barriers for culturally diverse populations based on social constructions of race, ethnicity, gender, sexual orientation, and age. *Graduate School Course.*

SWK 603 Social Problems and Policy

3.00 credit hours

This course is designed to provide an introduction to social welfare policy and services in the United States, along with the links between social problems, social policy, and social services. The focus will be on the content and process components of social welfare policy development in legislative, administrative, and interagency areas at the federal, state and local levels. Historic and contemporary responses to social welfare needs in the United States will be included. The global interconnections between the U. S. and the First World countries, Second World Countries and Third Worlds countries in addressing international social problems will be examined. *Graduate School Course.*

SWK 605 Human Behavior & Social Environment

3.00 credit hours

HBSE is a graduate course that offers a comprehensive examination of how behaviors are influenced by social environments from birth to the end-of-life. The course considers factors such as family dynamics, systemic, cultural, community structures, that create and shape personal experiences and uses theoretical frames to aid in intervention with effective practical approaches. The course explores human behavior through psychological, biological, and social lenses through an interdisciplinary framework to utilize theoretical frameworks to provide a comprehensive view of human behavior from birth to the end of life.

An objective is to understand the factors that contribute to the characteristics and variations in human behavior, as well as the different levels and systems of the social environment, while exploring how the concepts are interconnected and influence one another. HBSE examines the systemic structures of culture and society and uses theories to identify patterns of behavior that occur as individuals age and transition between different social environments from birth to the end of life.

Students will learn various practice-related modalities that will allow them to engage, assess, and intervene with individuals, families, communities, and groups to navigate through systems and alleviate the social stressors that are affecting human behavior from a social and environmental context. Prerequisite: None. *Graduate School Course.*

SWK 606 Research Methods

3.00 credit hours

This course is designed to examine the techniques involved in conducting scientific research in social work practice. The measurement of variables, testing hypotheses, and interpretation of findings will also be applied through theoretical frameworks. Efforts will be made to acquaint students with quantitative data and fundamental concepts of social work research designs. The rationale for the use of certain basic concepts, their applications and the presentation of results through statistical analysis and the effects of relevant variables on research results will be studied. Emphasis will be made to understand "the scientific method" as a canon for guiding the logic of research in social work. Students will acquire knowledge about survey research, sampling, questionnaire construction, and hands on experience in research methodologies through measurement of sociological constructs. Students will become familiar with experimental research designs, field observation, and the statistical analysis of correlational data. *Graduate School Course.*

SWK 607 Social Work Data Analysis

3.00 credit hours

This course provides an introduction to the basic methods of statistical analysis that are used in quantitative social work research. The course will focus on the conceptual understanding of univariate, bivariate, and multivariate statistics. Frequency distributions, measures of central tendency, and correlational methods will be assessed as they relate to the formulations of theories that are relevant to social work and evidence-based practice. In addition, students will develop the necessary skills that are needed to analyze quantitative data. Skills will be applied using the IBM/ PASW/SPSS Statistical Software Package for the Social Sciences. An emphasis will be made in conducting research that has an empowerment perspective based on culturally competent practice. *Graduate School Course.*

SWK 608 Generalist Practice- Individuals, Families, & Groups

3.00 credit hours

Graduate School Course: The purpose of this course is to prepare students with foundation knowledge and skills needed for interventions with individuals, families, and small groups. Discussion and practice opportunities will focus on student development of foundation helping

skills in generalist practice, including communication, observation, empathy, and assessment. *Graduate School Course.*

SWK 609 Generalist Practice with Organization & Community

3.00 credit hours

Graduate School Course: This course will help students develop foundation knowledge and skills for social work practice with communities and organizations. Content will be included on the contexts in which macro practice occurs, approaches to understanding community and organization systems and interventions helpful in affecting change, solving problems, and improving social functioning within macro level systems. *Graduate School Course.*

SWK 610 Bridge Course

3.00 credit hours

Graduate School Course: The purpose of this course is to share with advanced standing students a common platform for foundation knowledge and skills needed for interventions with individuals, families, small groups, organizations, and communities. (Advanced standing students only). *Graduate School Course.*

SWK 611 Field Practicum & Integrative Seminar I

3.00 credit hours

This course requires supervision of an agency-based social work field instructor. Students complete a total of 200 hours during the first practicum. On-campus seminars (I and II) taken concurrently with the practicum assist the student in the integration and application of practice theory to their placement learning activities. The Seminar is organized as a two-part field foundation course for two semesters. *Graduate School Course.*

SWK 612 Field Practice and Integrative Sem II

3.00 credit hours

The field practicum is an educationally directed on-site experience under the supervision of an agency-based social work field instructor. Students complete a total of 200 hours during the second practicum. On campus seminars (I and II) taken concurrently with the practicum assist the student in the integration and application of practice theory to their placement learning activities. The Seminar is organized as a two-part field foundation course for two semesters. *Graduate School Course.*

SWK 699 Trauma I: Trauma in Social Work Practice

The purpose of this course is to prepare graduate level Master of Social work students with advanced knowledge and the clinical skills that are necessary to work with Trauma survivors, clients and families and to help them address a wide range of physical, psychological, emotional, and/or social trauma. Students learn how to help clients manage such experiences as neglect, emotional and physical abuse, sexual violence, and the death of loved ones. *Graduate School Course.*

SWK 701 Urban Black Families

3.00 credit hours

This advanced practice course will expand the development and application of empowerment and strengths-based interventions for the purpose of creating alternative "Cultural Paradigm" /African centered healing models for clinical practice with African/Black American families. The course will combine a historical overview of African/Black American families with an emphasis on the obstacles they encountered that posed threats to healthy development and family functioning. Shifting the analysis of this oppressed group from an examination

based on race to that of culture. Special attention is devoted to unraveling the effects of African cultural legacies, slavery, and institutional racism on urban Black family life. The Black helping tradition and presence of African cultural values in current urban Black life will be explored. Emphasis will be placed on approaches to practice for the liberation of other oppressed and culturally diverse groups and their communities. *Graduate School Course.*

SWK 702 Social Work with Immigrants

3.00 credit hours

This course will focus on past, present and future immigration policy in the U.S. In addition, such factors as Race, Culture, Acculturation Level, Language use, and Racism will be explored. Such issues as an immigrant's loss of cultural identity and language will also be discussed. The migration process for most immigrants is always a difficult process. Immigrants who arrive to the U. S. in search of better educational/job opportunities often must leave loved ones, behind and often lose social support networks that are vital for survival. How does the host culture treat the new native culture in relation to sharing the American dream? Such topics as The Dream Act, Deportations, Acculturation Stressors and Cultural Humility Models/Assessment will be discussed. How can we as social workers help to promote an Immigration Policy that is both fair and inclusive of all groups. *Graduate School Course.*

SWK 703 Critical Theory for Social Work

3.00 credit hours

Critical Theory for Social Work Practice and Research is an elective course designed to provide students with a foundation of various theoretical frameworks and perspectives for engaging in culturally competent social work practice and theoretically grounded applied research. This course will provide students with a basic understanding of theoretical tenants and principles that are both central to and emerging within the field of social work. This course will prepare students to engage in micro and macro social work practice and applied research with individuals, families, and institutions. In addition, this course will develop students' ability to critically evaluate theories for their cultural relevance. *Graduate School Course.*

SWK 704 Caregiving throughout the Life Course

3.00 credit hours

The purpose of this elective is to prepare students to assess, plan, and intervene related to care giving with various populations across the life course, using a care sharing model and incorporating multicultural perspectives and culturally competent practices and strategies. *Graduate School Course.*

SWK 705 Basic Spanish for Cultural Communication for Social Work

3.00 credit hours

The course will prepare English speaking students to communicate cross-culturally with Latinos and Spanish speaking clients, immigrants and refugees. MSW social work students will learn basic Spanish skills from a Micro, Mezzo and Macro level of practice. Students will learn how speaking a client's native language will help in establishing a therapeutic relationship and promote the client's feeling of self-worth and validation. Students will learn as advanced generalist practice social workers the necessary tools for engaging clients in a second language in order to advance the mission of culturally competent social work practice. *Graduate School Course.*

SWK 706 Applied Research I

3.00 credit hours

Graduate School Course: In this first of a two-course sequence, students working in small groups will apply the research skills developed in SWK 606 to a project they develop along with their professor. Students will develop a research design/study that will be implemented in Applied Research II. The intent of helping skills in advanced generalist practice. *Graduate School Course.*

SWK 707 Applied Research II

3.00 credit hours

Graduate School Course: This second of the two-course sequence will provide students with the opportunity to complete a research project/study based on the research design developed in Applied Research I. *Graduate School Course.*

SWK 708 Advance Practice I

3.00 credit hours

Graduate School Course: This purpose of this course is to prepare students with advanced knowledge and skills needed for interventions with culturally diverse individuals and families. Discussion and practice opportunities will focus on student development of culturally competent helping skills in advanced generalist practice. *Graduate School Course.*

SWK 709 Advanced Practice II

3.00 credit hours

Graduate School Course: Social Work with Groups course is designed to teach students how to engage in advanced culturally competent direct practice group work. This course will focus on group ethics, theory, techniques, and processes utilizing culturally competent evidence-based intervention strategies for group work with children, youth, adults, and families. It will provide culturally competent strategies and practical application of group work for advanced generalist social work practice. *Graduate School Course.*

SWK 710 Advanced Practice III

3.00 credit hours

Graduate School Course: The purpose of this course is to prepare students with advanced knowledge and skills needed for interventions with organizations and communities on behalf of culturally diverse individuals, families, and groups. Discussion and practice opportunities will focus on student development of culturally competent helping skills in advanced generalist practice. *Graduate School Course.*

SWK 711 Advanced Field Practice & Integrative Seminar III

3.00 credit hours

Graduate School Course: This advanced generalist practicum course provides a supervised practicum at an assigned practicum site and a weekly integrative seminar, with an emphasis on advanced culturally competent practice with individuals, families and groups. In the advanced generalist practicum, the student is expected to build upon the practice behaviors from their Foundation year and demonstrate all of the practice behaviors identified for the advanced year. Social Work students complete 250 clock hours within the semester to increase their ability to demonstrate advanced competencies in social work practice. A three-hour class seminar, taken concurrently with the student's field placement, builds on the student's advanced social work practice behaviors. Additionally, the student begins to assume greater autonomy, learns to apply the knowledge and skills of practice to more complex situations, and begins to demonstrate leadership as they develop into a professional social worker. Students are required to abide by the NASW Code of Ethics while enrolled in the program. This course is followed by SW 712, Advanced Integrative Seminar IV, within the same agency setting. *Graduate School Course.*

SWK 712 Advanced Field Practice and Integrative Seminar IV

3.00 credit hours

Graduate School Course: This course is the second in the sequence of two constituting the social work field education program required of all advanced year students. This advanced generalist practicum course provides a supervised practicum at an assigned practicum site and a weekly integrative seminar, with an emphasis on advanced culturally competent practice with organizations and communities. In the advanced generalist practicum, the student is expected to build upon the practice behaviors from their Foundation year and demonstrate all of the practice behaviors identified for the advanced year. Social Work students complete 250 clock hours within the semester to increase their ability to demonstrate advanced competencies in social work practice. A three-hour class seminar, taken concurrently with the student's field placement, builds on the student's advanced social work practice behaviors. Additionally, the student begins to assume greater autonomy, learns to apply the knowledge and skills of practice to more complex situations, and begins to demonstrate leadership as they develop into a professional social worker. Students are required to abide by the NASW Code of Ethics while enrolled in the program. *Graduate School Course.*

SWK 713 Psychopathology and Clinical Intervention

3.00 credit hours

This course is designed to provide an introduction to psychopathology and clinical services in social work. The focus will be on the content and components of the clinical process. Historic and contemporary clinical assessments, interventions, and treatments will be included. Students will learn the social worker's role in assessing, developing, and treating client systems as a clinically trained advanced generalist. *Graduate School Course.*

SWK 714 Macro Practice with Older Adults

3.00 credit hours

This course provides an overview of macro social work practices in the field of aging. It presents knowledge to assess and intervene with individuals, families, groups, organizations, and communities. Ethical and diversity issues are used to engage in cross-cultural practice at the macro level. *Graduate School Course.*

SWK 715 Direct Practice with Older Adults

3.00 credit hours

This course offers an intergenerational model of social work practice designed to work with older adults and their families, and the challenges they face. Assessment and intervention strategies are presented. *Graduate School Course.*

SWK 716 Loss and Grief: Individual, Family, & Cultural Perspectives

3.00 credit hours

This course provides an opportunity for students to explore and understand perceptions and beliefs about death and dying, including how cultural differences influence those experiences. Some of the issues covered include end of life care, loss and bereavement. *Graduate School Course.*

SWK 719 Psychopathology and Clinical Intervention II

3.00 credits

This course will introduce students to advanced clinical interventions, evidence-based models of intervention and clinical theories. Using a learning-centered educational approach, students will be introduced to

systemic, cognitive-behavioral, and postmodern family therapy theories using clinical case documentation based on the nationally defined Core Competencies and CSWE clinical standards. Diversity, evidence-based therapies, and the research foundations will also be covered.

Prerequisite: SWK 713 and must be in a field placement where you see clients one on one. *Graduate School Course.*

SWK 720 Trauma II: Advanced Trauma in Social Work Practice

3.00 credits

The purpose of this course is for a graduate student in the Master of Social Work program to develop a solid foundation in Trauma informed practice and to examine Trauma from an Anti-Racist Lens. This course will provide master's level Social Work students who are interested in working with Trauma survivors, clients, families and groups with cross-cultural materials, case vignettes and clinical modalities to promote the healing and processing of trauma. Students will learn Trauma Informed Practice Skills that are essential for effective social work practice in the areas of Trauma, mental treatment and assessment. In addition, they will understand how providing a clinical treatment modality through an Anti-Racist Trauma informed lens is most effective when it is performed in the client's native language. Prerequisite: None. *Graduate School Course.*

SWK 799 Emerging Topics

3.00 credit hours

These courses are designed to provide graduate students with learning opportunities and course content that focuses on emerging issues, not currently designated as separate courses. *Graduate School Course.*

Sociology (SOC)**SOC 131 Principles of Sociology**

3.00 credit hours

An introduction to viewpoints, basic concepts, and methods of sociology. FALL AND SPRING.

SOC 133 Introduction Cultural Anthropology

3.00 credit hours

A survey of the various processes and conditions involved in cultural growth and change. (Offered in alternate years).

SOC 233 Statistics Social & Behavioral Science

3.00 credit hours

The application of descriptive and inferential statistics to data in the social and behavioral sciences. Emphasis on data classification, data reduction, the normal distribution, z scores, probability, hypothesis testing, z test, t test, and statistical power. Co-listed as PSY 233 and SOC 233

Prerequisites: MTH 136 or its equivalent

SOC 234 Introduction to Gerontology

3.00 credit hours

The survey of biological, psychological, and sociological perspectives and research relevant to the study of human aging. Co-listed as SWK 234.

SOC 238 Social Problems

3.00 credit hours

A sociological treatment of contemporary social problems. (Offered in alternate years; Fall Semester only).

SOC 332 Urban Sociology

3.00 credit hours

A study of the growth, ecology, social processes, organization, and the problems of the urban community. (Offered in alternate years).

SOC 333 Social Stratification

3.00 credit hours

An examination of the ways in which societies differ in terms of their systems of internal differentiation.

SOC 335 Sociology of Religion

3.00 credit hours

A functional analysis of the interrelationships involving society, culture, and religion and the role of the church in social order and social change. (Same as REL 335) (Offered in alternate years)

SOC 338 Deviant Behavior

3.00 credit hours

Emphasis on individual behavior patterns in society. Examination of the social and psychological principles underlying sociopathic behavior. (Offered in alternate years)

SOC 434 Development of Social Theories

3.00 credit hours

An analysis of the emergence and development of sociological theory. (Offered Fall Semester Only).
Prerequisites: SOC 131

SOC 436 Independent Study

3.00 credit hours

Through placement in a criminal justice agency or social service agency, students put into practice concepts, methods, and theories learned in coursework. Students work 120 hours at an agency during the semester. The course may be taken twice.
Prerequisites: CRIM 131 or SOC 131

Spanish (SPA)

SPA 131 Elementary Spanish I

3 credit hours

An introductory course in the fundamental communicative skills of listening, speaking, reading, and writing. An interactive classroom approach emphasizing the application of language to concrete situations using essential vocabulary and structures as well as an appreciation of Hispanic culture.

SPA 132 Elementary Spanish II

3 credit hours

A continuation of Spanish 131 in an ever-increasing interactive classroom environment with emphasis on expansion of vocabulary and grammatical concepts as well as exposure to the concrete reality of culturally diverse attitudes and behaviors.
Prerequisites: SPA 131 or placement by examination

SPA 231 Intermediate Spanish I

3 credit hours

Emphasis on communication and writing skills. Short basic readings, conversation, grammar and aspects of culture.
Prerequisites: SPA 132

SPA 232 Intermediate Spanish II

3.00 credit hours

A continuation of Spanish 231 with more reading, conversation, and composition. Strong emphasis on developing facility in oral and written expression.
Prerequisites: SPA 231 or permission of instructor

SPA 235 Internship in Spanish

3.00 credit hours

One semester of fulltime real-life experience in the field where Spanish majors apply their academic knowledge and skills to the workplace. Subject to departmental approval. NOTE: Work experience unrelated to the Spanish major is considered a part-time job.
Prerequisites: SPA 232 or permission of instructor

SPA 236 Spanish for Business and Technology

3.00 credit hours

Acquisition and use of financial, legal, commercial, telecommunication and modern technological terminology in Spanish. Written and oral exercises include establishing a resume, writing a business letter, conducting an interview and making a business presentation in Spanish.
Prerequisites: SPA 232 or permission of instructor

SPA 237 Spanish for Social Services

3.00 credit hours

An intensive study of the vocabulary and terminology required of social service professionals and other community workers for communicating in Spanish. Class features service learning and actual use of Spanish in the field with Hispanic clients and professionals.
Prerequisites: SPA 232 or permission of instructor 212 Spanish (SPA)

SPA 238 Spanish for Law Enforcement

3.00 credit hours

An intensive study of the vocabulary and terminology required of law enforcement professionals and other community workers for communicating in Spanish. Class features service learning and actual use of Spanish in the field with Hispanic clients and professionals.
Prerequisites: SPA 232 or permission of instructor

SPA 239 Spanish for Healthcare Professional

3.00 credit hours

An intensive study of the vocabulary and terminology required of doctors, nurses, and other medical professionals and other community workers for communicating in Spanish. Class features Service Learning and actual use of Spanish in the field with Hispanic clients and professionals.
Prerequisites: SPA 232 or permission of instructor

SPA 330 Spanish Conversation I

3.00 credit hours

Reading and listening activities with elements of a grammar review are used as the basis of improving oral proficiency. Emphasis given to both

informal and academic settings including interpersonal communication and formal presentations.

Prerequisites: Spanish 232 or permission of instructor

SPA 331 Adv Spanish Grammar, Comp & Convers

3.00 credit hours

Review of Spanish grammar and guided conversation based on prepared topics. Progressive development of writing skills in Spanish. Emphasis on different types based on literary selections. Conducted in Spanish.

Prerequisites: SPA 232 or permission of instructor

SPA 333 Intro to Spanish Literature

3.00 credit hours

Exposure to theoretical, technical, and aesthetic issues as exemplified in a selected anthology of readings in Spanish and Latin American Literature. Emphasis on the development of reading and writing skills. Conducted in Spanish.

Prerequisites: SPA 232 or permission of instructor

SPA 334 Latin American Civilization

3.00 credit hours

Introduction to the history, art, and social institutions from colonial times through the Twentieth Century as primary forces in the development of Latin American culture. Conducted in Spanish.

Prerequisites: SPA 232 or permission of instructor

SPA 337 Techniques in Translation of Spanish

3.00 credit hours

Practice oral and written two-way translation using various types of documents and discourses. The focus is on a series of problems in translation linked to specific linguistic functions such as description, narration, advertisement, and report. Students are required to reflect critically on the way in which two languages work as they translate a variety of literary and non-literary texts.

Prerequisites: SPA 232 or permission of instructor

SPA 338 Spanish Conversation II

3.00 credit hours

Continued focus on improving oral proficiency, including an advanced study of interpersonal and academic communication. Contemporary cultural topics of the Spanish-speaking world used to further develop fluency and accuracy of spoken language.

Prerequisites: SPA 330 and 331 or permission of instructor

SPA 341 Spanish Women Writers

3.00 credit hours

This course studies a wide range of literary texts written by women writers from Spain with a focus on the 19th and 20th Centuries. The genres to be studied are novels, poetry, essays and theatre. This course will introduce students to some representative works of some significant writers during major literary movements and place them within a socio-historical context. They will also study unique feminine 'voices from Spain's tumultuous past consisting of the Spanish Civil War, General Franco's regime, democracy and more contemporary times.

SPA 346 Cultural Rootedness:

3.00 credit hours

This bilingual course examines the cultural hybridity experienced in Chicano/ Literature. The class offers cultural negotiations of individual and entire communities of Mexican descent in the United States, some communities with whom the border crossed without their knowledge. To expose to students to major themes, the class covers major works that have captured the imaginations of the readers as the authors incorporate their own cultural background as they carve out their own identity within the larger American society.

SPA 356 Latin America Short Stories

3.00 credit hours

This class explores one of the most important literary manifestations of the Twentieth Century Latin American Literature: short stories. It embodies the literary and cultural traditions, both European and native, which makes Latin American literature unique. This unit situates the Latin American short story in its literary, historical, and cultural contexts. It also presents four short stories, which, along with suggestions for classroom activities, will give students a good understanding of the place of Latin American traditions in modern literature.

SPA 364 Latin American Women Writers

3.00 credit hours

This course examines a range of work by a number of women writers from Latin America. The course will begin with the consideration of the principal issues at stake in approaching the topic of women's writing (e.g. can writing be gendered? Is there such a thing as a women's language?), in the course of which you will be equipped with the relevant vocabulary and conceptual framework necessary for this endeavor. During the rest of the course you will study a range of work in different genres by women writers from across Latin America. Issues to be considered throughout the course in relation to the texts studied will include questions of language, social justice, identity, family, nationhood and 'race'; and the writers and works' relationship to the literary canon and to broader historical contexts of literary production.

SPA 367 Gender & Race: US Lat. Literature

3.00 credit hours

This course examines selected works that belong to the rich, diverse, and ever-growing field of Latino Literature, emphasizing the female gender and race issues. As such, the class offers a wide and richly textured view of the realities of women of Latin American descent in the United States. As such, the class analyzes sociocultural issues, gender and race, primarily—the authors negotiate as they cross political and cultural borders.

SPA 383 Intro to Life Writing, Memoir & Bio

3.00 credit hours

This multicultural course is aimed to be introduction to life Writing with a special focus on the study of the multiple genres of this narrative form such as autobiography, biography, memoir, diary, testimonial and many more. Students will be introduced to these genres and will study and analyze novels (fiction and non-fiction), poems and other texts from the Spanish speaking world the belong to one of these genres. Students will be provided with a thorough critical study of the genre of Life Writing so that they can both identify and understand the voice of the author as the subject of inquiry. They will also write personal narratives in the form best suited to their individual styles. SPA 232

SPA 390 Junior Seminar

3.00 credit hours

Further development of oral and written expression in Spanish. Introduction to research approaches and techniques in Spanish as well

as presentation of major schools of literary criticism and textual analysis through applied readings. Generation of a formal research prospectus through the development of a research problem, search of literature, and production of an annotated bibliography.
Prerequisites: SPA 333 or permission of instructor

SPA 395 Field of Study in Spanish Speaking Country
3.00 credit hours

Study at first-hand of the Spanish language, literature, and/or civilization abroad. NOTE: Credit hours of academic program abroad subject to departmental approval and proper filing in the Office of the Registrar prior to departure.
Prerequisites: Any introductory Spanish course or permission of Coordinator

SPA 430 Spanish Civilization
3.00 credit hours

Introduction to the history, art, and social institutions that shaped the culture and traditions of the people of Spain from pre-Roman times to the present. Special attention to contemporary Spain. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 431 Survey of Spanish Literature
3.00 credit hours

Introduction to significant authors and trends in Spanish Peninsular literature from the Middle Ages through the present. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 432 Survey of Latin American Literature
3.00 credit hours

Introduction to significant authors and trends in Latin American literature, including works by Hispanics and those of African ancestry. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 435 Latin American Poetry
3.00 credit hours

Survey of representative Latin American poetry from the colonial period to the present. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 436 Latin American Prose Fiction
3.00 credit hours

Survey of representative Latin American prose fiction from the colonial period to the present. Conducted in Spanish.
Prerequisites: SPA 333 or permission of the instructor

SPA 438 Afro-Hispanic Literature and Culture
3.00 credit hours

Consideration of Afro-Hispanics as writers of and characters in Latin American prose and poetry. Reviews and analyses of themes, language, and the way in which Afro-Hispanic writers give voice to cultural aspects of life in the societies in which they live. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 439 Don Quixote
3.00 credit hours

Study of the masterpiece of Miguel de Cervantes, which is considered the best structured work written in Spanish as well as the basis of the contemporary novel. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 490 Senior Seminar
3.00 credit hours

Collaborative research seminar supplemented by individual sessions with faculty in which all Spanish majors write and defend their Senior Investigative Paper. To be taken during the Fall Semester of the senior year. Note: Students with an incomplete in Spanish 390 cannot register for this course.
Prerequisites: SPA 333 and 390 or permission of instructor

SPA 491 20th Century Hispanic Literature
3.00 credit hours

Advanced seminar in Hispanic poetry, prose fiction, drama and short stories of the 20th Century. Emphasis on the development of reading, writing, speaking and listening skills. Conducted in Spanish.
Prerequisites: SPA 333 or permission of instructor

SPA 496 Special Topics in Spanish
3.00 credit hours

Focus on issues related to the Hispanic world. May be repeated for credit. Normally taught on a one-time basis; not intended to form a permanent part of the Spanish core. Issues studied may generate topics for the Senior Investigative Research Paper.
Prerequisites: Any 300-level Spanish course or above or permission of Instructor

SPA 497 Special Topics in Spanish
3.00 credit hours

Focus on issues related to the Hispanic world. May be repeated for credit. Normally taught on a one-time basis; not intended to form a permanent part of the Spanish core. Issues studied may generate topics for the Senior Investigative Research Paper.
Prerequisites: Any 300-level Spanish course or above or permission of Instructor.

SPA 498 Special Topics in Spanish
3.00 credit hours

Focus on issues related to the Hispanic world. May be repeated for credit. Normally taught on a one-time basis; not intended to form a permanent part of the Spanish core. Issues studied may generate topics for the Senior Investigative Research Paper.
Prerequisites: Any 300-level Spanish course or above or permission of Instructor.

SPA 499 Independent Study
1.0 -3.0 credit hours

A planned and structured projects cooperatively defined by students and faculty. Student permitted to contract to complete work in the areas of Hispanic language, literature, and/or culture. Enrollment: one, two or three credit hours according to the scope of work to be completed. Multiple enrollments under different projects for a maximum of six credit hours. Open to Spanish and French Education majors.
Prerequisites: Any 300-level Spanish course and beyond or permission of Instructor.

Sport Management (SPM)

SPM 230 Introduction to Sport Management

3.00 credit hours

This course will introduce students to the fundamental concepts and theories in sport management including management, marketing, finance and economics, sociology and psychology, professional, youth, high school, college and community sport. There will also be a focus on for-profit, non-profit, and international sport. Furthermore, career development in sport, sport legal issues, sport communication, facilities management and research methods will be explored.

SPM 233 Sport Practicum

3.00 credit hours

The sport management practicum is designed to expose students to work within real sport management settings within intercollegiate athletics. Students will obtain practical experience working in a supervised-on campus sport setting prior to enrolling in the internship course. In conjunction, weekly course meetings offer an opportunity for students to learn, compare, contrast, analyze, and evaluate their experiences in various settings. Students will be required to acquire 60 clock hours of practicum experience. (FORMERLY PED 233).
Prerequisites: SPM 230 or PED 230

SPM 331 Sport Marketing

3.00 credit hours

This course will provide students with basic and fundamental principles, practices and procedures used in the comprehension, analysis, synthesis, and evaluation of sport marketing theory and techniques as they apply to the specific needs of the sport industry. (Formerly PED 331).

SPM 333 Sport Facility & Event Mgt

3.00 credit hours

This course will discuss functions of management viewed in terms of types of facilities and the kinds of sports staged. Included are coliseums, municipal and college stadiums, country clubs and resorts, YMCAs, and athletic clubs. Detailed, practical background on the principles and practices of public assembly facility management and event promotion will be provided. (Formerly PED 333).

SPM 334 Sport Finance and Economics

3.00 credit hours

This course will provide students with the traditional and innovative revenue acquisition and generation methods and techniques available to the sports practitioners and sport organizations. Moreover, the course will provide the student with sport economic principles and theories necessary to make pragmatic and critical decisions. In addition to conventional income source, such as tax support, ticket sales, concessions and fund-raising strategies, tactics, and procedures, students will receive instruction in more recent innovations related to sport financing. (Formerly PED 334)

SPM 335 International Sport Management

3.00 credit hours

This course provides an overview of how sport is organized, managed, funded, and governed across the world. It also examines the economic, cultural, sociological, and political role that sport plays within the broad process of globalization.
Prerequisite: SPM 230

SPM 337 Management & Administration of Physical Activity & Sports

Programs

3.00 credit hours

This course provides students with competencies essential to managing and administering sports programs. This course will also focus on the study of principles, theories, and competencies essential for the organization of physical activity and sports programs, e.g., interscholastic, club sports, and intramurals. Students are required to complete the American Red Cross Certification program in First Aid and CPR

SPM 338 Management Research Methods I

3.00 credit hours

The first of two formal courses that facilitate the writing of the Senior Investigative Paper for Sports Management students. Students complete a proposal for their paper as an outcome of the course. To accomplish this, students learn research methods and strategies necessary to complete an acceptable proposal.

SPM 339 Sports Information

3.00 credit hours

This course is designed to provide the students with skills and competencies in sports information, including sports statistics, press releases, public relations, sport promotion, etc. in amateur and professional sports. (Formerly PED 339)

SPM 340 Leadership & Governance in Sports

3.00 credit hours

This course teaches theories concepts, principles and skills of leadership for managers in the sports industry who must influence others to get things done. Styles of successful sport coaches and managers will be examined and analyzed in the context of their times and their settings. It will introduce students to the constitutions and by-laws of various agencies governing sport at the high school, collegiate, amateur, and professional levels. Special emphasis is placed on how governmental agencies influence and sanction sport organizations and the route of appeal of a decision by a governing body.

SPM 430 Sport Management Research Methods II

3.00 credit hours

This is the second of two formal courses that facilitate the writing of the Senior Investigative paper (SIP) for Sport Management students. The purpose of the course is to expose students to significant issues, methodology and research in the fields of physical education, and to investigate an area of major interest for completion of the SIP. Formerly PED 430.

Prerequisites: SPM 338

SPM 433 Internship

3.00 credit hours

A supervised internship in a professional work environment which will provide the student with exposure to the job market in sport-related businesses and public health agencies. Each student will be responsible for 120 hours of work and be required to present detailed descriptions of work activities and experience.

Prerequisites: SPM 233 (Formerly PED 433)

SPM 434 Sport & Law

3.00 credit hours

Basic knowledge and understanding of the law as it applies to amateur and professional sports is the focus of this course. Students identify,

analyze, understand legal issues, and discuss the ramifications of those issues. (Formerly PED 434)

SPM 435 Sport Sociology and Ethics

3.00 credit hours

This course offers an introduction to the sociological and ethical issues prevalent in the sport industry. The values of sport and the bases for ethical decision making and moral significance will be discussed. Students will also gain an understanding of the philosophical and ethical background of the sport context.

SPM 436 Sports Psychology

3.00 credit hours

This course focuses on the study of the motivational phenomena that affect the performance of individual athletes and teams. Stress and leadership characteristics of coaches, athletes, and sport management professionals will also be studied.

SPM 490 Special Topics in Sport Management

1.00- 3.00 credit hours

An occasional or experimental course focusing on a specific topic designed to provide advanced study in an area of special interest in sport management. This course is an elective and is available to qualified students upon recommendations from the academic advisor and the instructor. This course may be repeated for additional credit.

Sustainability (SUS)

SUS 230 Principles of Sustainability

3.00 credit hours

This course introduces students to the challenges of managing natural resources needed for today while conserving for the future. Students will learn to connect environmental protection to organizational management by exploring the scientific, technical, financial and political challenges of effectively managing a sustainable environment and economy. Lecture, hours.

Prerequisites: for this course include any of the following: PHY 241, NSC 140, BIO 143, CHE 131 or Departmental approval

SUS 231 Advanced Sustainability

3.00 credit hours

This course is taught in a project or case-based format and will seek to help students learn the various applications of sustainability in real-world contexts. This course offers a practical application of sustainability knowledge and practices to address a community problem. Environmental, equity and economic impacts must be considered in performing situation analyses and developing recommendations. This course is repeatable. Lecture 3 hours
Prerequisites: for this course include any of the following: PHY 241, NSC 140, BIO 143, CHE 131 or Departmental approval

Rhetoric and Culture (LPD)

LPD 101 Strengths Training in Metacognitive

1.00 credit hours

This course is designed to introduce students to various metacognitive skill sets that may assist them in negotiating the transition to the university study and aid in self-awareness and growth regarding their core strengths and capabilities. Students will become familiar with six skill sets (Motivation, Self-efficacy, resilience, service, commitment, and leadership) and explore their own strengths in these domains. In addition, students will receive training in how to translate their own strengths in these skill sets into academic success.

LPD 110 Career Image Management

1.00 credit hours

This survey course introduces students to the fundamental concepts and theories of career development, to include personal discovery, career identification techniques, career communication hook and strategies, and initial brand perpetuation using social networks. This course will put particular focus on the understanding and use of social media in the career and image building process. Furthermore, this course will help students to target their skill sets to their desired career path.

LPD 111 Philanthropy: A State of Being

1.00 credit hours

This course introduces students to basic concepts and theories of philanthropy aimed to facilitate a charitable mindset, including strategies, tactics, and avenues for benevolent giving, as well as various types of giving. In addition, students will develop a leadership skill set around philanthropy.

LPD 296 Practicum

1.00 credit hours

This course promotes the personal development and overall leadership skills of students while improving their ability to think critically, communicate effectively and work collaboratively in community with others.

Prerequisites: Permission of the Instructor

LPD 297 Practicum

2.00 credit hours

This course promotes the personal development and overall leadership skills of students while improving their ability to think critically, communicate effectively and work collaboratively in community with others.

Prerequisites: Permission of the Instructor

LPD 298 Practicum

3.00 credit hours

This course promotes the personal development and overall leadership skills of students while improving their ability to think critically, communicate effectively and work collaboratively in community with others.

Prerequisites: Permission of the Instructor

Visual, Performing and Communication Arts (VPA)

VPA 230 Seminar Practicum in the Visual & Performing Art

3.00 credit hours

Students will explore different art forms (theatre, studio arts, graphic arts, music, dance, and film) and reflect upon connections

between them. Class will include guest speakers and field experiences (trips to cultural events).

VPA 231 Seminar Practicum in VPA II

3.00 credit hours

Students will continue to explore different art forms and reflect upon connections between them. They will also be introduced to constructive criticism (how to give and accept critiques), develop an individual plan of study and complete a portfolio/performance to submit for full acceptance into the Visual and Performing Arts major. Portfolios/ performances will be critiqued by faculty and upper-level students in the program.
Prerequisites: VPA 230

VPA 330 Jr. Sem: Portfolio & Project Develop

3.00 credit hours

Students conduct guided research to inform work on a capstone project and produce an annotated bibliography and a project plan. The project is completed and presented at the Senior Seminar. In close consultation with the instructor and adviser, the student develops a project plan that displays proficiency in the chosen concentration (i.e., portfolio, performance, choreography, or direction of a performance). Required for all junior Visual and Performing Arts majors.
Prerequisites: VPA 231

VPA 430 Sr. Sem: Final Project & Paper

3.00 credit hours

Students complete the capstone project developed and approved in the Junior Seminar. A formal paper of ten pages accompanies the project explaining the project's context. The projects (i.e., portfolio, performance, choreography, or direction of a performance) are presented to a public audience of faculty and students and graded by a faculty committee. Required of all senior Visual and Performing Arts majors.
Prerequisites: VPA 330

VPA 431 Internship in VPA

3.00 credit hours

Students identify a site in the community where they complete 120 hours of practical experience in the area of their chosen concentration. Before beginning internship hours, students must complete workshop requirements at the Office of Career Planning and Placement. Interns meet periodically in a seminar to evaluate and reflect on their internship experiences and to integrate the on-site learning with their prior coursework through short papers and presentations.
Prerequisites: VPA 231 and VPA 210

Visual, Performing and Communication Arts - Dance (VPD)

VPD 125 Dance Conditioning

2.00 credit hours

Dance Conditioning is meant to help students to identify and correct muscular imbalances or weaknesses, through dance-related training methods that might include, but are not limited to use of: Pilates, yoga, resistance bands, physio balls, light weights, and aerobic conditioning. May be repeated for credit.

VPD 131 Dance for Non-Majors

3.00 credit hours

The purpose of Dance for Non-Majors is to provide the student with an introduction to, or review of, the technique and vocabulary of two or more genres of dance. This course satisfies the Visual, Performing, and Physical Arts Pillar. There are no prerequisites for this introductory course. Students will be required to follow a dress properly and physically participate in class daily. The course may also include written work.

VPD 223 Concert Dance I

3.00 credit hours

This course provides VPA majors with prior training in dance to begin a scholarly approach to the study of classical ballet, modern, and jazz dance forms. Emphasis is on acquisition and demonstration of the skills and vocabulary of concert dance forms, with a primary focus on ballet.

VPD 224 African Dance

2.00 credit hours

The course provides an introduction to dances, music, and cultures of various regions in Africa with an emphasis on learning authentic dances and their historical and cultural contexts. Students develop strength, aerobic stamina, coordination, flexibility, and rhythmic sophistication by working with master drummers.

VPD 225 Beginning Tap Dance

2.00 credit hours

Beginning Tap Dance is a studio course that introduces VPA majors to the complex and varied dance techniques of the African diaspora, with an emphasis on making percussive sounds on the floor with the feet, use of call and response, introduction of challenge dances, production of polyrhythms, and awareness of the social contexts and uses of dance in Africa and around the world. The course allows VPA majors to understand and experience first-hand the social, participatory, and community-building aspects of tap. The course may help recruit and retain students interested in learning more about African and African-American music and dance.

VPD 233 Ballet II

3.00 credit hours

This course provides continued study in classical ballet techniques and artistry, with further emphasis on strength, flexibility, stamina, jumps, turns, and leaps, in preparation for more advanced study. May be repeated for credit.
Prerequisite: VPD 223 Concert Dance I.

VPD 235 Dance Production

3.00 credit hours

Dance production will survey the current professional dance production practices including lighting, sound, video, staging, costumes and business while maintaining safe working practices.

VPD 241 Hip-Hop

3.00 credit hours

Students can expect to learn the fundamentals and historical foundations of Hip-Hop Dance through warm up, center and class progressions. The course explores the anatomical vocabulary of Hip-Hop by using rhythm, musicality and ethics. Can be repeated up to 2 times for credit.

VPD 332 Kinesiology

3.00 credit hours

This course reinforces student knowledge of anatomy, and provides the student with the opportunity to develop competencies essential to analyze physical activity performance. A laboratory experience is included. Cross listed as PED 332.

Prerequisites: BIO143

VPD 333 Modern I

3.00 credit hours

This course continues the progression of ballet, modern, and jazz dance skills with an added emphasis on mastery of complex combinations and on the performance qualities of acting, musicality, and phrasing. The primary focus is on jazz dance.

Prerequisites: VPD 224 or instructor permission

VPD 334 Jazz I

3.00 credit hours

This course provides high intermediate level training in ballet, modern, and jazz dance forms. multiple turns; complex jumps and leaps; a high level of conditioning for strength, flexibility, stamina; and performance qualities. May be repeated for credit.

Prerequisites: VPD 333 and instructor permission

VPD 335 Modern II

3.00 credit hours

This course provides for continued study in modern dance techniques and artistry, with further emphasis on strength, flexibility, stamina, jumps, turns, and leaps, in preparation for more advanced study. May be repeated for credit.

Prerequisite: VPD 333 Concert Dance II

VPD 340 Junior Seminar

3.00 credit hours

This course analyzes knowledge and skills gained through undergraduate research, as it applies to dance choreography, education and professional development. Students will use this course as preparation for VPD 430 Senior Seminar.

VPD 341 Dance Pedagogy

3.00 credit hours

This course is designed to provide students with the tools for analyzing, creating and applying dance curriculum. Students will make use of both practical and theoretical components by viewing, attending and teaching dance classes, as well as discussing experiences in the dance studio.

VPD 342 Dance Performance Practicum

1.00 credit hours

This course is designed for students to learn and apply rehearsal and performance skills needed in professional dance production. Students may repeat credit up to 8 times.

VPD 412 Jazz II

1.00 credit hours

This course provides increasingly difficult training in contemporary jazz dance techniques, in preparation for careers onstage, on television, in films, in theme parks, on cruise lines, and as choreographers of commercial dance work. There is an emphasis on rhythmic complexity, isolation, turns, and the ability to learn and perform combinations

quickly.

Prerequisite: VPD 334 Concert Dance III.

VPD 413 Beginning Pointe

1.00 credit hours

This course provides beginning to low intermediate training in pointe techniques, in preparation for careers in classical One Credit or contemporary ballet. There is an emphasis on proper alignment, core strength and creating the proper foot, ankle and leg strength to support simple barre and center combinations without injury.

Prerequisites: VPD 223 Concert Dance I, VPD 233 Intermediate Ballet, and Instructor Permission

VPD 414 Intermediate Pointe

1.00 credit hours

This course provides intermediate to advanced training in pointe techniques, in preparation for careers in classical or contemporary ballet. There is an increased emphasis on sustained balances, turns, jumps, adagio, and traveling combinations.

Prerequisites: VPD 223 Concert Dance I, VPD 233 Intermediate Ballet,

VPD 413 Beginning Pointe, and Instructor Permission

VPD 415 Jazz III

1.00 credit hours

This course provides advanced training in contemporary jazz dance techniques, in preparation for careers onstage, on television, in film, in theme parks, on cruise lines, and as choreographers of commercial dance work. There is an emphasis on rhythmic complexity, isolations, turns, and the ability to learn and perform combinations quickly, with musicality and stage presence.

Prerequisites: VPD 334 and VPD 412

VPD 416 Repertory Company

1.00 credit hours

This course provides selected dancers with pre-professional rehearsal, touring, and performing experience in an ensemble representing the University in an official capacity. The company is selected by audition only in fall terms, and company members continue through the spring of the academic year.

Prerequisites: Dance Majors, Visual Performing Arts Majors in the Dance Concentration, and Dance Minors only, by audition

VPD 417 Dance Performance Practicum

1.00 credit hours

This course is designed for students to learn and apply rehearsal and performance skills needed in professional dance production. Students may repeat credit up to 8 times.

VPD 421 Dance Pedagogy

3.00 credit hours

This course is designed to provide students with the tools for analyzing, creating and applying dance curriculum. Students will make use of both practical and theoretical components by viewing, attending and teaching dance classes, as well as discussing experiences in the dance studio.

VPD 430 Senior Seminar

3.00 credit hours

This course is designated as the capstone course for senior Dance majors. Students will create a portfolio that will document the senior investigative paper, as well as a choreographic project that coincides with the research. Both will be presented in a public forum.

Prerequisites: VPD 340 Junior Seminar

VPD 432 Dance as an Art Form

3.00 credit hours

This course provides a broad history of concert dance, discussing the many purposes that dance has served in various cultures around the world, from the Middle Ages to the present. It provides context for the historical use of dance as religion, exercise, ceremony, protest, and art form.

VPD 433 Dance Composition

3.00 credit hours

This course provides the student with a broad variety of methods and criteria for composing dances, including improvisation, generation of movement phrases, manipulation of phrases for variation in structure and rhythm, and both solo and group work.

VPD 434 Ballet III

3.00 credit hours

This course is an option for those students with a strong desire for a career in classical ballet, and may include repertory, pointe work, or classical variations at the discretion of the instructor. May be repeated for credit.

VPD 435 Modern III

3.00 credit hours

This course is an option for those students with a strong desire for a career in modern dance, and may include repertory, improvisation, or lifts at the discretion of the instructor.

Prerequisites: VPD 334 and instructor permission

Visual, Performing and Communication Arts - Fine (VPF)

VPF 233 Film Criticism

3.00 credit hours

The study of film as an art form. Viewing and criticism of short and longer subjects. Emphasis on contemporary film. The course includes extensive practice in writing reviews and criticism.

VPF 331 Screenplay Writing for Short Film

3.00 credit hours

This class will be an intensive study of screenwriting elements as applied to short films intended for production, with an emphasis on formatting, character development, and dialogue. Students will develop and complete a short script (minimum fifteen minutes/ maximum forty minutes). The course culminates in a pitch-panel, comprised of industry professionals, where students will present their final scripts.

VPF 332 Introduction to Editing

3.00 credit hours

This course is an introduction to the principles of editing conventions, techniques, and aesthetics of non-linear motion picture editing.

VPF 333 Electronic Cinematography

3.00 credit hours

A hands-on camera craft class designed to give students the knowledge and skills to navigate today's electronic media. Specifically targets camera craft for film making.

Prerequisites: VPA 231 or permission of Chair

VPF 334 Production Workshop

3.00 credit hours

VPF 334 Production Workshop Three Credit Hours This course examines procedures in planning short films with an emphasis on the role of producer and creative organizational techniques of production. Lectures and assignments cover casting, location scouting, production design, budgeting, and scheduling; developing fully detailed production books.

Prerequisites: VPF 331 333

VPF 431 Documentary Workshop

3.00 credit hours

This course will explore the contemporary world of documentary video production with an overview of theory and history. Students develop the knowledge, tools and techniques needed to create documentaries through screenings, readings, lectures/discussions, and hands-on demonstrations. Students research, develop ideas and pre-plan for documentary production in VPF 432.

Prerequisites: VPF 331,332, 333 334 or permission of the department Chair

VPF 432 Documentary Workshop II

3.00 credit hours

This course provides continued study in the production of documentary short films. Students will produce the works developed and researched in VPF 431, for a final broadcast quality documentary short (ranging from 15 – 40 minutes in length).

Prerequisites: VPF 431

VPF 434 Narrative Workshop I

3.00 credit hours

Students work collaboratively as a film company to develop narrative short films. Each student works in a different crew position on a each film, so as to be exposed to the broad spectrum of the whole production experience. Prerequisites: VPF 331,332, 333, 334

VPF 435 Narrative Workshop II

3.00 credit hours

This course provides continued study in the production of narrative short films. Students will work collaboratively to produce (shoot, edit and market) dramatic shorts that were developed and researched in VPF 431.

Prerequisites: VPF 434

VPF 436 Adaptation

3.00 credit hours

An advanced study in transforming essential elements of literary property (theme, characters, and tone) into a well-structured screenplay. This course also discusses how to obtain properties and rights of both fictional and non-fictional stories.

Prerequisites: VPF 331

Visual and Performing Arts, Graphic Arts (VPG)

VPG 336 Graphic Design II

3.00 credit hours

Advanced course in visual concepts and design techniques for electronic and print media. A laboratory fee may be required (Same as COM 236).

Prerequisites: VPG 232, VPG 235 or permission of Department Chair

VPG 340 Photography II

3.00 credit hours

An intermediate course continuing the investigation into black and white photographic techniques. Panning, zooming, multiple exposures, and the creative use of different developers, films, and papers are stressed as well as darkroom manipulation of the image.

Prerequisites: VPA 230 and VPG 233

VPG 341 Digital Photographic Tech I

3.00 credit hours

This is an introductory course to color photography in a digital photographic environment. Through the use of Adobe Photoshop, archival printing, and their own personal cameras, students learn to treat the computer as if it were a darkroom. Students should start the class with an understanding of camera basics and photography as a medium.

VPG 342 Alternative Photographic Film Processes

3.00 credit hours

This is an advanced photography course that emphasizes the experimental nature of photography. Students explore non-traditional materials and alternative photographic techniques and experiment with various types of films and papers. The course is about learning the limits of photographic materials and thinking outside the typical photographic framework.

Prerequisites: VPA 230, VPG 233, and VPG 340

VPG 343 Studio Lighting

3.00 credit hours

This is an intensive studio course in photographic lighting techniques. Through demonstrations and lectures, students learn how to use artificial lighting within the context of commercial and artistic applications. The course includes techniques in location lighting, portrait, still life, editorial, and fine art photography. There is an emphasis on creative visual communication through commercial and technical applications.

Prerequisites: VPA 230 and VPG 233

VPG 350 Virtual Environments

3.00 credit hours

This course covers the use of virtual environments tools and techniques in multimedia development. Emphasis is placed on acquiring the skills necessary to create scalable virtual characters and environments for use in multimedia projects. Upon completion, students should be able to create a virtual environment for their multimedia, game or simulation project.

Prerequisites: VPG 433, VPG 436

VPG 352 Motion Capture

3.00 credit hours

This course teaches students techniques to digitize motion, edit sequences, and develop an understanding of simulated motion. Students gain an understanding of motion capture setup and shooting, data tracking, and skeleton retargeting, as well as animation correction and enhancement. This course will introduce students to acquiring and manipulating motion capture data with tools such as Motion Builder, 3ds Max, Maya, Unity 3D, UDK, etc. Students will learn the ins and outs of the FBX file format, skeletons, and motion retargeting, as well as how to build a character rig for motion capture. Mocap data will be provided for students to work with, as they develop strategies for how to clean up data and blend between performances, while maintaining the animator's ability to add to the performance. This course also gives students a deeper understanding of film, animation, games and simulation motion capture development pipelines.

Prerequisites: VPG 433, VPG 436

VPG 354 Machinima

3.00 credit hours

Machinima, a portmanteau of machine and cinema, is film making within real-time 3D virtual environments and video games. This course will cover basic Machinima creation, copyright and creative commons. Students learn to apply real world film making techniques within an interactive virtual environment where characters and events can be controlled by humans, scripts, or artificial intelligence. Students will set up and modify props, costumes, characters and environments to produce a Machinima using virtual environments, simulations and video games.

Prerequisites: VPG 433, VPG 436

VPG 356 3D Character Rigging

3.00 credit hours

This course introduces students to create a complex bipedal character rig. Learn about joints, skins, FK/ IK, constraints, and more in a step-by-step introduction to rigging. This is an animator friendly approach that doesn't require previous rigging or scripting experience. Students will learn how to evaluate a model for rigging, joint placement, deformation tools, skinning tools, and the fundamentals of what makes for an efficient production rig. Students will also learn how and when to use Set Driven Keys, Corrective Blendshapes, and how Inverse Kinematics and Forward Kinematics can be used together. Develop a thorough understanding of the kinds of controls that Animators use and how

to streamline their creation using simple scripting tools. Students will also have a chance to explore motion capture skeletons and available automated rigging tools.

Prerequisites: VPG 433, VPG 436

VPG 433 Animation I

3.00 credit hours

An introduction to the basic principles of animation to develop an understanding of character and performance. Emphasis on the analysis of actions. Drawing proficiency is required.

Prerequisites: VPG 232, VPG 235 or permission of Chair

VPG 434 Graphic Design III

3.00 credit hours

Advanced course in visual concepts and design techniques for electronic and print media incorporating the use of computer design tools.

Prerequisites: VPG 336

VPG 436 Animation II

3.00 credit hours

This course is designed as an advanced animation course for students who are already experienced with basic 3D animation concepts and technical practice. Students will learn character animation, rigging, lighting, and camera. Building on knowledge of composting, morphing, inverse, and forward kinematics, students will learn to make a computer animated character move, through training exercises, known as acting for animators, and programming to create customized character rigs and to generate simulations of real-world effects.

Prerequisites: VPG 232 and VPG 433

Visual, Performing and Communication Arts - Sound Arts (VPM)

VPM 113 Contemporary Keyboard Skills I

4.00 credit hours

This course presents a foundational-level introduction to musical keyboards, including electronic and controller types. Intended for students with no previous keyboard or piano experience, VPM 113 provides practical support for topics covered in VPM 132 and 143. The course is normally taught in a class environment. VPM 113 is required for VPA majors and pre-majors concentrating in Sound Art, and Sound Arts minors, and is available only to students in of those programs.

Prerequisites: Consent of instructor.

VPM 114 Contemporary Keyboard Skills II

4.00 credit hours

Presents practical and theoretical instruction regarding musical keyboards, including electronic and controller types. Extending basic techniques and electronic implications achieved in VPM 113, the course provides practical support for topics covered in VPM 132 and VPM 143. The course is normally taught in a class environment. VPM 114 is required for VPA majors and pre-majors concentrating in Sound Art, and Sound Art minors, and is available only to students in one of those programs.

Prerequisites: VPM 113 or consent of instructor

VPM 132 Foundations of Contemporary Musicianship

3.00 credit hours

This course is a foundational introduction to musicianship, music notation, and music theory. A placement test is given to incoming students during the open drop/add period, on which a score of 70% or higher is considered adequate preparation for VPM 143. If a student cannot demonstrate the competencies required, this preparation is satisfied by passing VPM 132 with a grade of "C" or better.

Prerequisites: Consent of Instructor

VPM 143 Musicianship I

3.00 credit hours

Presents an integrated study and practice of basic musicianship for VPA students: reading, writing, and playing of music, scales, chords, and chord progression. VPM 143 is required for VPA majors and pre-majors concentrating in Sound Art, and Sound Art minors, and is available only to students in one of those programs.

Prerequisites: (one of the following): grade of C or better in VPM 132, grade of 70% or higher on the musicianship placement test, or consent of instructor.

VPM 219 Composition with Technology

4.00 credit hours

Computer-generated music and sound are explored. Students create and present original compositions and/or sound design projects in which originality and experimentation are representative of college-level artistry and creativity standards. A performance and/or recording of these works is expected. Since projects will always be new and unique, VPM students are required to repeat VPM 219 for a total of three (3) credits. Additionally, non-majors and majors may repeat elective credit. (Formerly MUS 219).

Prerequisites: Consent of Instructor

VPM 232 Introduction to Sound Music Technologies

3.00 credit hours

Essential tools, concepts, and applications of audio and music software and hardware to a wide range of related activities, including composing, recording, notation and live audio, as well as basic acoustics and waveform theory. Each student produces projects and/or presentations demonstrating comprehension and application of the topic.

Prerequisites: MUS 143 or consent of instructor

VPM 331 Introduction to Music Business

3.00 credit hours

Provides an overview of the major areas of music business, including music merchandising, music copyright, contracts, and licensing laws, as well as recording industry production and distribution, and artist management. Career options and development are also explored, and qualified music-business professionals and performers serve as guest speakers (when feasible). Field trips to professional music enterprises and/or events may be offered, as available.

Prerequisites: Consent of instructor

VPM 332 Intermediate Sound and Music Technologies

3.00 credit hours

An introduction to a variety of computer software used in electronic music and computer compositional techniques. Emphasizes hands-on instruction in the use of the computer to arrange or compose music, MIDI sequencing programs, digital audio recording, editing techniques and technologies, and electronic music styles and instruments. (Formerly MUS 332 "Survey of Electronic Music").

Prerequisites: MUS 143, VPM232, or consent of instructor

VPM 432 Advanced Sound and Music Technologies

3.00 credit hours

Sophisticated tools and concepts in digital audio and digital signal processing are explored. Each student completes independent projects that show comprehension and musical/technical application of the topic. Possible projects include complex electro-acoustic and/or computer compositions, audio for video, and original sound design engineering.

Prerequisites: VPM/MUS 332 or consent of instructor

VPM 499 Special Topics in VPM

3.00 credit hours

One to 3.00 credit hours Focused learning in an area which is not included in the regular VPM Curriculum due to the topic's currency, specificity, level of preparation required, etc. Repeatable for credit with advisor's approval and non-duplicating topics.

Prerequisites: Consent of Instructor

Visual, Performing and Communication Arts - Studio Arts (VPS)

VPS 134 African American Art History

3.00 credit hours

A supplement to regular mainstream approaches in teaching American art history. Acquaints students with the distinguished creative output of persons of Afro-American backgrounds. Examines

some two hundred years of black creative efforts. (Formerly ART 134)

VPS 233 Art Appreciation

3.00 credit hours

A survey of styles, themes, and movements in Western art beginning with prehistoric cave painting to exploration of artistic developments in the twenty-first century. (Formerly ART 231)

VPS 332 Drawing

3.00 credit hours

Advanced compositions including landscape, portrait work, complex still life drawing and conceptual compositions.

Prerequisites: VPA 231, VPG 230, or permission of Department Chair

VPS 333 Painting I

3.00 credit hours

A course designed to acquaint students with the basic skills for design principles of painting, color scheme, line quality, value scale, perspective and compositional arrangement. Formerly ART 136.

Prerequisites: VPG 230, VPS 332, or permission of Department Chair

VPS 334 Painting II

3.00 credit hours

Advanced compositions such as appropriating known styles and artists, landscape paintings, portrait work, still life, and conceptual compositions.

Prerequisites: VPS 333 or permission of Chair

VPS 432 Figure Drawing

3.00 credit hours

Training in rendering the natural human form (skeletal form, inner muscular structure, and outer form).

Prerequisite: VPS 332 or permission of Department Chair.

VPS 433 Illustration Media

3.00 credit hours

Training in constructing visual conceptual compositions. Mixed media, graffiti art, advanced design compositions, concepts, logo branding, and the correlations to digital production and web designs and illustration.

Prerequisites: VPS 334 or permission of Department Chair

VPS 434 Studio Sculpture

3.00 credit hours

Study and application of three-dimensional forms of art utilizing self-drying clay and slab work, plaster and iron oxide dye, paper mâché and paper construction, wire work and wood construction.

This course includes discussion critique, process, and development of three-dimensional forms of art. Prerequisites: VPS 334 or permission of Department Chair

Visual, Performing and Communication Arts - Theatre (VPT)

VPT 232 Introduction to Theatre

3.00 credit hours

Study of the theatre as an art form. This course is designed to develop an appreciation of theatre, practice performance criticism, and study theatre production processes. (Formerly DRA 232)

VPT 233 Acting

3.00 credit hours

An introduction to the theory and practice of acting, focusing on voice and diction, characterization, improvisation, and role playing. Prerequisites: VPA 231 or permission of Department Chair

VPT 235 Technical Theatre I

3.00 credit hours

Emphasizes technical aspects of performance with particular attention on stage and set design. (Formerly VPT 435)

VPT 236 Technical Theatre II

3.00 credit hours

Emphasizes technical aspects of performance with particular attention to light, sound and projection design. (Formerly VPT 436)

VPT 237 Play Analysis

3.00 credit hours.

This course provides three-hour credit for play analysis for students who wish to learn the theatrical elements of plays and how they work dramatically in the VPCA theatre program.

Prerequisite: VPT 232 or permission of theatre faculty

VPT 330 African American Film History

3.00 credit hours

African American Film History is a historical and critical study of the Black image in American films from the silent era to the present as well as the history of Black commercial and independent filmmaking, including its production, distribution, and popular and critical reception. Students study select works representative of the major genres and eras in African- American film history (FORMERLY DRA 330).

VPT 333 Drama Workshop

3.00 credit hours

A practical course in the staging of plays. Attention is given to acting, lighting, costuming, make-up, scene design, and other aspects of the art. Lecture and workshop. May be repeated once for credit. Formerly DRA 333.

Prerequisites: VPA 231 or permission of Department Chair

VPT 334 Playwriting

3.00 credit hours

A practical course in writing for the stage.

Prerequisites: VPA 233 or permission of Department Chair

VPT 335 Theatre History

3.00 credit hours

Theatre History will provide a specific, culturally diverse introduction to the history of the world's theatrical and dramatic traditions. Theatrical movements and genres will be explored and studied. The importance of the plays from history will be used to recognize their periods and meaning in the context of their time. Students will also see through the plays the historical context of social change and the struggle of theatre and the artists who have produced it. The course will also include the study of how theater influences different cultures, traditions, and societies around the world.

Prerequisites: VPT 232 or Permission Instructor

VPT 350 Scenography

3.00 credit hours

A study of design theory and style as pertains to the theatre and entertainment industries. The study will include elements of scenery, lighting, costume, sound, and projection design.

Prerequisites: VPT 232, VPT 235 and VPT 236

VPT 433 Modern Drama

3.00 credit hours

Extensive reading and study in representative works of modern European and American dramatists. Attention given to purpose. (SAME as ENG 433 and formerly DRA 433) (Prerequisites: VPA 231 or Permission of Chair)

VPT 434 Directing

3.00 credit hours

A practical course in directing the stage; emphasis placed on script selection, analysis, preparation, casting, staging, and design; culminates in a one-act present at the end of the semester.

Prerequisites: VPT 233, VPT 333 (formerly DRA333) or permission of Chair

VPT 437 Practical Shakespeare

3.00 credit hours

This course provides for continued study regarding Shakespeare's plays, the relevancy and universalism of his writings, with further emphasis placed on the text

VPT 490 Theatre Practicum

4.00 credit hours

This course provides one hour credit for practical experience for students working on production sponsored by the VPCA theatre

program. Students may get credit for on stage and/or behind the scenes work. Students may take up to 3.00 credit hours.

Women's and Gender Studies

WGS 231 Foundations of Black Women Studies

3.00 credit hours

This inclusive survey course connects scholar-activists from Anna Julia Cooper, Mary McLeod Bethune, Sadie Tanner Mossell Alexander, and Pauli Murray to Toni Cade Bambara, Barbara Smith, Angela Davis, Patricia Hill Collins, and Kimberlé Crenshaw in ways that center the process of scholarly community building and creative resistance.

WGS 233 Introduction to Gender & Sexuality

3.00 credit hours

This course will provide an overview and analysis of gender and sexuality, focusing on exploring the relationship between gender, gender roles, sexuality, and global social institutions (the economy, family, religion, education). Focus will be given to social institutional changes and social movements.

Prerequisite: CST 131 OR Co-requisite CST 231

WGS 490 Special Topics

3.00 credit hours

Various special topics that permit advanced work in different fields of Women, Gender, and Sexuality Studies.

Quick Reference Directory

| Office | Phone |
|--|----------------|
| Campus Police | (704) 378-1003 |
| Senior Vice President of Academic Affairs and Chief Academic Officer | (704) 378-1490 |
| Academic Support Services | (704) 378-1270 |
| Senior Vice President of Student Affairs and Enrollment Management | (704) 378-1181 |
| Health and Wellness | (704) 378-1135 |
| Director of Admissions | (704) 378-1010 |
| Director of Alumni Affairs | (704) 378-1119 |
| Director of Athletics | (704) 378-1205 |
| Director of Student Leadership and Engagement | (704) 378-1045 |
| Director of University Communications and Marketing | (704) 378-1032 |
| Director of Financial Aid | (704) 378-1035 |
| Coordinator of Housing | (704) 378-1099 |
| Director of Student Activities | (704) 378-1046 |
| Director of James B. Duke Memorial Library | (704) 371-6740 |
| General Information | (704) 378-1000 |
| Office of the President | (704) 378-1007 |
| Student Health Center | (704) 378-1075 |
| University Bookstore | (704) 378-1048 |
| University Registrar | (704) 378-1108 |
| Senior Vice President of Finance and Administration | (704) 378-1087 |
| Senior Vice President of Institutional Advancement | (704) 378-1020 |

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2025-2026

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2025-2026

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Teare M. Brewington – Chief Financial Officer (CFO)

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Denisha Hendricks – Chief Operating Officer (COO) & Director of Athletics

Boris Henderson – Interim Vice President of Institutional Advancement and External Affairs

Cheryl Brayboy – Director of University Communications and Marketing

Harriet Hobbs – Chief Strategist for Accreditation, Data Analytics, and Transformation Initiatives

University Presidents

Johnson C. Smith University Presidents Emeriti

| President | Years |
|--|---|
| Dr. Robert L. Albright, President Emeritus | 1994 |
| Dr. Dorothy Cowser Yancy, President Emeritus | 2008 |
| Johnson C. Smith University Presidents | |
| President | Years |
| Dr. Stephen Mattoon | 1870-1884 |
| Dr. William A. Holliday | 1884-1885 |
| Dr. William F. Johnson | 1886-1891 |
| Dr. Daniel Jackson Sanders | 1891-1907 |
| Dr. Henry Lawrence McCrory | 1907-1947 |
| Dr. Hardy Liston, Sr. (Class of 1911) | 1947-1956 |
| Dr. James Ward Seabrook (Class of 1909) | 1956-1957 (Interim President) |
| Dr. Rufus Patterson Perry (Class of 1925) | 1957-1968 |
| Dr. Lionel H. Newsom | 1969-1972 |
| Dr. Wilbert Greenfield | 1973-1982 |
| Mr. Mack Davidson | 1982-1983 (Interim President) |
| Dr. Robert L. Albright | 1983-1994 |
| Dr. Maxine Funderburk Moore | June-September 1990 (Interim President) |
| Dr. Dorothy Cowser Yancy (Class of 1964) | March-October 1994 (Interim President), 1994-2008 |
| Dr. Ronald L. Carter | 2008-2017 |
| Mr. Clarence D. Armbrister | 2018-2023 |
| Mr. Steven L. Boyd (Class of 1979) | July 2023 (Interim President) |
| Dr. Valerie Kinloch (Class of 1996) | 2023- President |

Faculty

A

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 Ph.D., 1999, Union Institute and University

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Director, Quality Enhancement Plan (QEP)
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Johnson C. Smith University Faculty Emeriti

| Name | Title |
|--------------------------------|---|
| Dr. Baldeo Kumar Chopra | Professor of Biology |
| Dr. Henry F. Russell | Professor of Chemistry |
| Dr. Joseph Turner | Professor of English |
| Dr. Daniel Hoffman | Professor of Political Science |
| Dr. Hampton Wright | Professor of Mathematics |
| Dr. Dorothy Cowser Yancy | Professor of History and Political Sciences |
| Dr. Naishadhkumar "Nick" Desai | Professor of Economics |
| Dr. Ruth Greene | Professor of Psychology |
| Dr. Timothy Champion | Professor of Chemistry |

Student Grievances

Student Grievance Policy

JCSU has established the Student Grievance Policy to give students a forum in which to express concerns related to issues involving students, faculty, staff, and other members of the JCSU community. The University will work to resolve student concerns as quickly as possible. It is the University's goal that a student's concerns will be resolved within a period not to exceed 60 days. However, the time period for resolving grievances will depend largely on the facts and circumstances at issue and may be expanded when necessary and/or appropriate to reach a resolution.

The University defines a 'Grievance' as any concern raised by a student (the Complainant) against another member of the JCSU community (the Respondent) regarding alleged violations of university policies and procedures, including, but not limited to JCSU's Student Conduct policies, suspected discrimination, assault, sexual violence and harassment, and perceived inadequacies in matters of operational efficiency and/or customer service.

The Student Grievance Policy is not intended to replace those policies and procedures related to academic grievances and alleged violations of academic integrity. For more information on academic grievances

and integrity policies and procedures, please refer to the 2023-2024 University Catalog Academic Regulations Student Grievance Process. These types of matters will be handled in accordance with those policies and procedures.

The Student Grievance Policy is intended to work in conjunction with other University policies, including the Sexual Discrimination/Harassment/Assault Policy and the Standards of Conduct and Student Conduct Process.

A Complainant having what he or she believes to be a Grievance should, whenever possible and reasonable, attempt to discuss the problem with the Respondent and reach an informal resolution. This informal process is desirable but not mandatory. However, if the Grievance pertains to perceived discrimination, harassment or an assault, the Complainant should immediately proceed to the next step.

If a Complainant is dissatisfied with the informal resolution, is unable to reach an informal resolution, or feels the informal resolution process is not appropriate, the Complainant should follow one of the following processes, depending on the nature of the Grievance.

A. Grievances Involving Perceived Harassment, Sexual Violence, Assault, and/or Discrimination

For Grievances involving perceived sexual harassment, sexual violence, sexual assault, and/or sexual discrimination, a Complainant should refer to the University's Sexual Discrimination/Harassment/Assault Policy for proper reporting and resolution procedures.

For Grievances involving other types of perceived discrimination and/or harassment, a Complainant should refer to the University's Anti-Discrimination and Anti-Harassment Policy for proper reporting and resolution procedures.

B. Grievances Involving Perceived Student Standard of Conduct Violations that do not Involve Harassment, Sexual Violence, Assault, and/or Discrimination

For Grievances involving perceived Student Standard of Conduct violations that do not involve harassment, sexual violence, assault, and/or discrimination, a Complainant should put his or her concerns in writing and submit them to the Campus Police. The Campus Police will conduct an investigation, if necessary, to determine whether allegations may potentially involve a violation of student conduct policies and related procedures. If the Grievance involves Campus Police, it should be submitted to the Office of Human Resources.

If a Complainant's Grievance **does not potentially** involve violation of student conduct policies, no disciplinary proceedings will be initiated by the University. Instead, the Dean of Enrollment Management and Student Engagement or his or her designee will attempt to reach an informal resolution with Complainant, Respondent, and any other involved individuals. If an informal resolution cannot be reached, the Dean of Enrollment Management and Student Engagement will provide a written determination to the parties with his or her resolution. This determination will be final, and the Complainant has no right of appeal.

If a Complainant's Grievance does potentially involve violation of student conduct policies, disciplinary proceedings will be initiated by the University against any parties involved in the Grievance in accordance with the University's Student Conduct Process. A Complainant's Grievance is considered closed upon exhaustion of the

University's disciplinary proceedings, and a Complainant has no right of appeal.

C. Grievances Involving Perceived Inadequacies in Customer Service/Operational Efficiency

For Grievances involving perceived inadequacies in customer service and/or operational efficiency, a Complainant should put his or her concerns in writing and submit them to the Office of the Executive Vice President/Chief Operating Officer or his/her approved designee.

The Office of the Executive Vice President/Chief Operating Officer or his/her approved designee will forward the Grievance to the appropriate University official with requisite responsibility for resolution.

The University official with requisite responsibility for resolution will attempt to reach an informal resolution with the Complainant, Respondent, and any other involved individuals.

If an informal resolution cannot be reached, the University official with requisite responsibility will provide a written determination to the parties with his or her proposed resolution.

If Complainant or Respondent is not satisfied with the determination made by the University official, either party may request that the determination be reviewed by the Executive Vice President/Chief Operating Officer or his/her approved designee. All requests for review submitted to the Executive Vice President/Chief Operating Officer or his/her approved designee must be in writing and submitted within five academic calendar days after receiving the written determination from the University official.

The Executive Vice President/Chief Operating Officer or his/her approved designee may adopt the determination, overturn it, or make a different determination. The Executive Vice President's/Chief Operating Officer's determination regarding Grievance will be final, and there is no further right of appeal.

D. Grievances Involving Other Alleged Violations of University Policies & Procedures

For all other Grievances, a Complainant should put his or her concerns in writing and submit them to the Office of the Dean of Enrollment Management and Student Engagement. Written complaints must be clearly stated and specific and submitted via the JCSU Student Portal (my.jcsu.edu (<http://my.jcsu.edu>)). Student Grievance Form is located under the Student Life section.

The Office of the Dean of Enrollment Management and Student Engagement will acknowledge receipt of the grievance and attempt to resolve the Complaint within 10 business days.

The Office of the Dean of Enrollment Management and Student Engagement will forward the Grievance to the appropriate University official with requisite responsibility for resolution.

The University official with requisite responsibility for resolution will attempt to reach an informal resolution with the Complainant, Respondent, and any other involved

individuals.

If an informal resolution cannot be reached, the University official with requisite responsibility will provide a written determination to the parties with his or her proposed resolution.

The University official's determination regarding Grievance will be final, and there is no further right to appeal.

Written Complaints and supporting documents will be retained in the electronic database and on file in the Office of the Dean of Enrollment Management and Student Engagement.

E. Grievances Involving Academic Concerns

In the event of a grievance regarding an Academic issue, the aggrieved student must initiate the process. The process may be initiated electronically through the portal or by using the Grievance Form in the Academic Catalog.

The student is entitled to bring the concern to the supervisor of the person against whom the complaint is being made, such as a Department Chair. If the grievance is resolved with this person, no further action is needed and both student and respondent should keep a record, and the person against whom the complaint was made should be informed of the resolution, with copies forwarded to the college/school dean.

If the grievance is not resolved, the student is entitled to bring the concern to the Dean of the College/School.

If the grievance is not resolved, the same procedure moves up the leadership chain to the Senior Vice President of Academic Affairs. A determination by the Senior Vice President of Academic Affairs is final.

F. Online Student Complaint Process

Online education is an integral part of Johnson C. Smith University's program offerings. In compliance with the U.S. Department of Education State Authorization Requirements in Section 600.9(c) of the October 29, 2010, final program integrity rule, JCSU is pursuing authorization from states and territories beyond North Carolina's borders to offer online courses to students who do not reside in North Carolina. JCSU will continue to monitor developments in other states and territories, and if authorization or licensure is or becomes necessary, the College will obtain approvals.

1. Johnson C. Smith University has authorizations or exemptions from the following states' online programs. If you reside in any of the states listed below, you may register for JCSU online classes, assuming all admission requirements and pre- or co-requisites are met:
 - California
2. JCSU is also a member of the National Council for State Authorization Reciprocity Agreements (NCSARA) which allows students in participating states and territories to enroll in online distance education classes.

Johnson C. Smith University has been approved to participate in the National Council for State Authorization Reciprocity Agreements.

Online Student Complaint Process

Johnson C. Smith University complies with the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Standard 12.4 that requires each accredited institution maintain a record of student complaints received by the institution. The SACSCOC Student Complaint process is available for all students to review but students are advised to begin the process at the institutional level.

Johnson C. Smith University Complaint Policy

Students residing outside of the State of North Carolina while taking online courses from JCSU who desire to resolve an academic grievance or complaint should first follow JCSU's Student Grievance Procedure.

[JCSU Complaint Form»](#)

Contact Information:

Dr. Patrick Martin, Provost
100 Beatties Ford Road | Charlotte, NC 28216
Email: pmartin@jcsu.edu

The Licensure Division of the University of North Carolina System Office serves as the official state entity to receive complaints concerning post-secondary institutions that are authorized to operate in North Carolina. If students are unable to resolve a complaint through the institution's grievance procedures, they can review the [Student Complaint Policy](#) (PDF), and complete the online [Student Complaint Form](#).

North Carolina Post-Secondary Education Complaints

c/o Student Complaints
University of North Carolina System Office
223 S. West Street, Suite 1800; Raleigh NC 27603
919.962.4550
<https://www.northcarolina.edu/post-secondary-education-complaints>

NC Independent Colleges & Universities Grievance Process

Should our internal grievance process fail to provide a satisfactory resolution, students may continue the grievance process with the Consumer Protection Division of the North Carolina Department of Justice.

[How to file a complaint»](#)

Grievances can be submitted electronically or by mail:

Consumer Protection Division
Attorney General's Office
Mail Service Center 9001
Raleigh, NC 27699-9001
NC Residents: 877.566.7226
Outside of NC: 919.716.6000
En Español: 919.716.0058
<https://ncdoj.gov>
[NC Attorney General's Office General Consumer Complaint Form](#)

Out of State Compliance Agencies

Contact agencies in your state by using the links below.
[Student Complaint Information by State and Agency»](#)
[Directory of State Authorization and Lead Contacts»](#)

Southern Association of Colleges and Schools Commission on Colleges Complain Procedures

However, if for some reason the complaint is not satisfactorily resolved, the next step would be to file a complaint with JCSU's accrediting agency. JCSU is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award associate degrees, diplomas, and certificates. Students who file a complaint with the accrediting agency should follow the [SACSCOC Complaint Procedure](#). The contact information for SACSCOC is:

1866 Southern Lane,
Decatur, Georgia 30033-4097
Telephone: 404.679.4500
Website: <http://www.sacscoc.org/>

State Authorization Reciprocity Agreement-North Carolina (SARA-NC) Complaint Process

Students may also file a complaint with SARA NC. SARA NC is the portal for North Carolina. Students should follow [SARA-NC Complaint process](#).

SARA-NC Contact Information:

SARA North Carolina

North Carolina State Education Assistance Authority
P.O. Box 41349
Raleigh, NC 27629
T: 855.SARA.1.NC (727.2162)
T: 919.549.8614, ext. 4667
Website: <https://www2.ncseaa.edu/SARANC/index.html>

Complaint Form: <https://www2.ncseaa.edu/SARANC/docs/SARA-NC-ComplaintForm.pdf>
Email: complaints@saranc.org

NC Department of Commerce: The NC Business and Occupational License Database: <http://ncbold.com>

Professional Licensure

Currently, Johnson C. Smith University does not offer an online program that leads to professional licensure.

NC SARA ([National Council for State Authorization Reciprocity Agreement](#)) (JCSU is a member) has provided contact information for professional licensure offices in the United States for a limited number of academic disciplines.

In order to comply with U.S. Department of Education regulations, all higher education institutions are required to advise students as to whether their curriculum provides them with the eligibility to apply for a professional license and/or certification in the state for which they plan to practice.

NC-SARA does not deal with professional licensing board approval for any courses or programs leading to professional licensure. If you are not a resident of North Carolina, and you are taking an online course or program leading to professional licensure, Johnson C. Smith University cannot guarantee whether the course or program meets requirements for professional licensure in your state.

Format of Academic Grievance Records

You may access the link to learn more about the format of Academic

Grievance.

<https://jcsu.instructure.com/enroll/GHWN6X>

Programs A-Z

A

- Advanced Standing Social Work Program
- African American and African Studies Minor
- Animation Minor
- Arabic Minor

B

- Bioinformatics Minor
- Bioinformatics Minor
- Biology and Chemistry Double Major
- Biology Major
- Biology Minor
- Business Administration Major

C

- Chemistry Major
- Chemistry Minor
- Chinese Minor
- Communication Arts Major
- Communication Arts Minor
- Computer Engineering (CE) Major
- Computer Engineering Minor
- Computer Science Minor
- Computer Science/Information Systems (CS/IS) Major
- Criminology Major
- Criminology Minor
- Cultural Studies Major
- Cultural Studies Minor
- Cyber Security Minor
- Cyber-Intelligence and Technology Minor

D

- Dance Major
- Dance Minor
- Data Science Minor

E

- Economics Major
- English Minor
- Entrepreneurial Studies Minor
- ESport and Gaming Management Minor
- Ethics Minor
- Exercise and Sport Science Minor

F

- Fine Arts Minor - Emphasis in Graphic Design
- Fitness and Wellness Management Minor
- French and Francophone Studies Minor
- French Minor

G

- Global Studies Minor

H

- Health Administration Minor
- Health Communication Minor
- History Minor

I

- Information Systems Engineering
- Interdisciplinary Studies Major

M

- Maternal Health Minor
- Mathematics Major
- Mathematics Minor
- Mathematics with Pre-Math Finance Concentration Major
- MSW Part-Time Program
- Music Major - Performance Concentration
- Music Minor

P

- Philosophy Minor
- Photography Minor
- Physical Education Minor
- Political Science Major
- Political Science Minor
- Pre-Law Minor
- Psychology Major
- Public Health Major
- Public Health Minor
- Public Leadership Studies Minor

R

- Religion Minor

S

- School Health Minor
- Social Work Major
- Sociology Minor
- Sound Art Minor
- Spanish Minor
- Sport Management Major
- Sport Management Minor
- Sports Coaching Minor
- Sports Medicine Minor
- Sustainability Minor

T

- Theatre Minor
- Two-Year Master's in Social Work Program

W

- Women, Gender, and Sexuality Studies Minor

Curriculum Guides - College of Business Professional Studies

Business Administration - Accounting Concentration Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|--|-----------|------|-----|------|-----------------------|---------|----------|---|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| MTH 131-College Algebra | 3 | | | | | | | COM 130 – Fundamentals of Speech | 3 | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | |
| ENG 131-Composition | 3 | | | | | | | RHC-133-Academic Research | 3 | | | | | | |
| Social/Behavioral Science | 3 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 1ST SEM | | | | | | | | SOPHOMORE 2ND SEM | | | | | | | |
| Humanities | 3 | | | | | | | ACC 236- Financial & Managerial Accounting II | 3 | | | | | | |
| ACC 235- Financial & Managerial Accounting I | 3 | | | | | | | ECO 232 - Principles of Economics II | 3 | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | BUS 234 - Quantitative Methods in Business | 3 | | | | | | |
| BUS 233 - Business Statistics | 3 | | | | | | | Visual/Performing Arts | 3 | | | | | | |
| Natural Science | 4 | | | | | | | Integrated Studies | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | MGT 333 - Principles of Management | 3 | | | | | | |
| Elective from Pillars | 3 | | | | | | | BUS 336 - Legal Environment | 3 | | | | | | |
| ACC 335- Intermediate Financial Accounting I | 3 | | | | | | | ACC 336- Intermediate Financial Accounting II | 3 | | | | | | |
| ACC 339- Cost Accounting | 3 | | | | | | | MKT 331 - Principles of Marketing | 3 | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | BUS410- Professional Preparation | 1 | | | | | | |
| | | | | | | | | Electives | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| BUS 450 - Case and Business Research | 3 | | | | | | | BUS 455 - Business Policy: Senior Investigative Paper | 3 | | | | | | |
| ACC 437- Federal Tax Analysis | 3 | | | | | | | ACC 435- Advanced Accounting | 3 | | | | | | |
| BUS 339 - Management Information Systems | 3 | | | | | | | ACC 439- Audit | 3 | | | | | | |
| Elective | 3 | | | | | | | Elective | 3 | | | | | | |
| Elective | 3 | | | | | | | MGT 438 - Int. Business | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better.

Bachelor of Social Work (BSW) Curriculum Guide

| Name: | ID#: | PH#: | ENR: | | | | | CGPA: | | | | Semester Hours: | | | | 122 hrs. to graduate | |
|--|-----------|------|------|------|-----------------------|---------|----------|--|-----------|----|------|-----------------|-----------------------|---------|----------|----------------------|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Se m | Ye ar | Subs/CLEP/Place/Trans | Conv QT | Met Req. | | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | | | |
| English 131-Composition | 3 | | | | | | | LS 130 | 3 | | | | | | | | |
| Foreign Language 131 | 3 | | | | | | | Foreign Language 132 | 3 | | | | | | | | |
| Mathematics 131- College Algebra | 3 | | | | | | | CSC 131- Computers in Society | 3 | | | | | | | | |
| Communications 130 | 3 | | | | | | | SWK 239 (Intro to Social Work) | 3 | | | | | | | | |
| Smith Seminar 100 | 3 | | | | | | | HED 132- Personal Health and Wellness | 3 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | | |
| Sociology 131 | 3 | | | | | | | Integrated Studies | 3 | | | | | | | | |
| Economics 231 | 3 | | | | | | | Pillar Electives | 3 | | | | | | | | |
| SWK 340 (SW Values & Ethics) | 3 | | | | | | | Visual, Performing Arts | 3 | | | | | | | | |
| Biology 143 | 3 | | | | | | | Biology 240 | 4 | | | | | | | | |
| SWK 300 (Cultural Comp and Anti-Racism in SW) | 3 | | | | | | | Psychology 131 | 3 | | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | | |
| SWK 431 (Research Methods) | 3 | | | | | | | MTH 136 or PSY 233 | 3 | | | | | | | | |
| Pillar Electives | 3 | | | | | | | SWK 332 (Policy II) | 3 | | | | | | | | |
| SWK 330 (Policy I) | 3 | | | | | | | SWK 435 (SW Practice III) | 3 | | | | | | | | |
| SWK 336 (Human Behavior in Social Environ) | 3 | | | | | | | SWK Elective | 3 | | | | | | | | |
| SWK Elective | 3 | | | | | | | SWK 433 (SW Practice I) | 3 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | | |
| SWK 434 (SW Practice II) | 3 | | | | | | | SWK 438 (Senior Investigative Paper II) | 3 | | | | | | | | |
| SWK 495 (SW Seminar & Practicum Education I) | 9 | | | | | | | SWK 496 (SW Seminar & Practicum Education II) | 9 | | | | | | | | |
| SWK 436 (Senior Investigative Paper I) | 3 | | | | | | | SWK Elective | 3 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |

All major area courses require a grade of "C" or better. Total BSW Program Curriculum Credit Hours - 63

Business Administration - Finance Concentration Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|---|-----------|------|-----|------|-----------------------|---------|----------|---|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| MTH 131-College Algebra | 3 | | | | | | | COM 130 – Fundamentals of Speech | 3 | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | |
| ENG 131-Composition | 3 | | | | | | | RHC-133-Academic Research | 3 | | | | | | |
| Social/Behavioral Science | 3 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| Humanities | 3 | | | | | | | ACC 236-Intr | 3 | | | | | | |
| Natural Science | 4 | | | | | | | BUS 410- Professional Preparation | 1 | | | | | | |
| ACC 235- Introduction to Financial Accounting | 3 | | | | | | | ECO 232-Principles of Economics II | 3 | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | Visual/Performing Arts | 3 | | | | | | |
| BUS 233- Business Statistics | 4 | | | | | | | BUS 234- Quantitative Methods in Business | 3 | | | | | | |
| | | | | | | | | Elective from Pillars | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | MGT 333 - Principles of Management | 3 | | | | | | |
| Elective | 3 | | | | | | | BAF 432 – Financial Institutions and Markets | 3 | | | | | | |
| BAF 339 – Risk Management | 3 | | | | | | | BAF 430 – Corporate Finance | 3 | | | | | | |
| BAF 331 – Money and Banking | 3 | | | | | | | MKT 331 - Principles of Marketing | 3 | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | MGT 438 - International Course | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| BUS 450 - Case and Business Research | 3 | | | | | | | BUS 455 - Business Policy: Senior Investigative Paper | 3 | | | | | | |
| BUS 335 - Legal Environment | 3 | | | | | | | Integrated Studies | 3 | | | | | | |

| | | | | | | | | | | | | | | | | |
|--|-----------|--|--|--|--|--|--|--------------------------------------|-----------|--|--|--|--|--|--|--|
| BAF 431 - Investments | 3 | | | | | | | BAF 332 – Commercial Bank Management | 3 | | | | | | | |
| BAF 333 – Financial Statement Analysis | 3 | | | | | | | BAF 339 – Risk Management | 3 | | | | | | | |
| Elective | 3 | | | | | | | Elective | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better.

Business Administration - International Business Concentration Curriculum Guide

| Name: | ID#: | PH#: | ENR: | CGPA: | Semester Hours: | 122 hrs. to graduate | | | | | | | | | | |
|---|-----------|------|------|-------|-----------------------|----------------------|----------|--|-----------|----|-----|------|-----------------------|---------|----------|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | | |
| ENG 131-Composition | 3 | | | | | | | Humanities | 3 | | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | | |
| MTH 131- College Algebra | 3 | | | | | | | RHC-133-Academic Research | 3 | | | | | | | |
| Natural Science | 4 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | |
| COM 130 – Fundamentals of Speech | 3 | | | | | | | ACC 236-Introductions to Managerial Accounting | 3 | | | | | | | |
| BUS 410 Professional Presentation | 1 | | | | | | | ECO 232 - Principles of Economics II | 3 | | | | | | | |
| ACC 235- Introduction to Financial Accounting | 3 | | | | | | | Intermediate Foreign Lang. II | 3 | | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | Visual/Performing Arts | 3 | | | | | | | |
| MGT 333 - Principles of Management | 3 | | | | | | | Social/Behavioral Science | 3 | | | | | | | |
| Intermediate Foreign Lang. I | 3 | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | BUS 234 Quantitative Methods in Business | 3 | | | | | | | |
| BUS 233 Business Statistics | 3 | | | | | | | BUS 450 W Case and Business Research | 3 | | | | | | | |
| **ECO 334 International Economics | 3 | | | | | | | BUS 336 -Legal Environment | 3 | | | | | | | |
| Advanced Foreign Lang | 3 | | | | | | | **MGT 438 International Business | 3 | | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | *ACC 431 – Accounting Info Systems | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |

| SENIOR 1 ST SEM | | | | | | | SENIOR 2 ND SEM | | | | | | | |
|---|-----------|--|--|--|--|--|-----------------------------------|-----------|--|--|--|--|--|--|
| BUS 455 - Business Policy: Senior Investigative Paper | 3 | | | | | | **MKT 435 International Marketing | 3 | | | | | | |
| US 339 - Management Information Systems | 3 | | | | | | Integrated Studies | 3 | | | | | | |
| BAF 334- International Finance | 3 | | | | | | MGT 440-Total Quality Management | 3 | | | | | | |
| MKT 331 | 3 | | | | | | Elective from Pillars | 3 | | | | | | |
| Elective | 3 | | | | | | Elective | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | TOTAL CREDITS | 15 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better.

Business Administration - Management Concentration Curriculum Guide

Name: _____ ID#: _____ PH#: _____ ENR: _____ CGPA: _____ Semester Hours: _____ 122 hrs. to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
|--|-----------|----|-----|------|-----------------------|---------|----------|--|-----------|----|-----|------|-----------------------|---------|----------|
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131-Composition | 3 | | | | | | | Humanities | 3 | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | |
| MTH 131- College Algebra | 3 | | | | | | | RHC-133- Academic Research | 3 | | | | | | |
| Natural Science | 3 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| COM 130 – Fundamentals of Speech | 3 | | | | | | | ACC 236-Introductions to Managerial Accounting | 3 | | | | | | |
| Social/Behavioral Science | 4 | | | | | | | BUS 410 - Professional Preparation | 1 | | | | | | |
| ACC 235- Introduction to Financial Accounting | 3 | | | | | | | ECO 232 - Principles of Economics II | 3 | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | Visual/Performing Arts | 3 | | | | | | |
| MGT 333 - Principles of Management and Organizational Behavior | 3 | | | | | | | Integrated Studies | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | MGT 333 - Principles of Management and Organizational Behavior | 3 | | | | | | |
| BUS 233 - Business Statistics | 3 | | | | | | | BUS 336 - Legal Environment | 3 | | | | | | |
| *MGT 339 Small Business Management | 3 | | | | | | | ACC 236 – Financial and Managerial Accounting II | 3 | | | | | | |
| MKT 331 - Principles of Marketing | 3 | | | | | | | MKT 331 - Principles of | 3 | | | | | | |

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|---|-----------|--|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|--|
| | | | | | | | | | Marketing | | | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | | Electives | 3 | | | | | | | |
| | 15 | | | | | | | | BUS 410 - Professional Preparation | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | | TOTAL CREDITS | 18 | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | | SENIOR 2ND SEM | | | | | | | | |
| BUS 339 - Management Information Systems | 3 | | | | | | | | Elective | 3 | | | | | | | |
| BUS 455 - Business Policy: Senior Investigative Paper | 3 | | | | | | | | **MGT 335 Leadership & Organizational Change | 3 | | | | | | | |
| *MGT 334 Human Resource Management | 3 | | | | | | | | **MGT 440 Total Quality Management | 3 | | | | | | | |
| *MGT 436 Organizational Behavior & Design | 3 | | | | | | | | Elective | 3 | | | | | | | |
| Elective | 3 | | | | | | | | Elective | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | | TOTAL CREDITS | 15 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better.

Business Administration - Marketing Concentration Curriculum Guide

Name: _____ ID#: _____ PH#: _____ ENR: _____ CGPA: _____ Semester Hours: _____ 122 hrs. to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
|--|-----------|----|-----|------|-----------------------|---------|----------|--|-----------|----|-----|------|-----------------------|---------|----------|
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131-Composition | 3 | | | | | | | COM 130 – Fundamentals of Speech | 3 | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | |
| MTH 131- College Algebra | 3 | | | | | | | RHC-133- Academic Research | 3 | | | | | | |
| Social/Behavior Science | 3 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| Humanities | 3 | | | | | | | ACC 236-Introductions to Managerial Accounting | 3 | | | | | | |
| Natural Science | 4 | | | | | | | BUS 410 - Professional Preparation | 1 | | | | | | |
| ACC 235- Introduction to Financial Accounting | 3 | | | | | | | ECO 232 - Principles of Economics II | 3 | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | BUS 234- Quantitative Methods in Business | 3 | | | | | | |
| BUS 233 - Business Statistics | 3 | | | | | | | Elective from Pillars (1) | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| MGT 333 - Principles of Management and Organizational Behavior | 3 | | | | | | | MKT 332 – Advertising | 3 | | | | | | |

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|--------------------------------------|-----------|--|--|--|--|--|--|-----------------------------------|-----------|--|--|--|--|--|--|--|
| Elective from Pillars | 3 | | | | | | | MKT 334 – Principles of Retailing | 3 | | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | MKT 335 – Fundamentals of Selling | 3 | | | | | | | |
| MKT 331 - Principles of Marketing | 3 | | | | | | | MGT 438- International Business | 3 | | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | BUS 335 - Legal Environment | 3 | | | | | | | |
| | 15 | | | | | | | BUS 339 - Management Information | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 18 | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | |
| BUS 450 - Case and Business Research | 3 | | | | | | | BUS 455 - Business Policy: Senior | 3 | | | | | | | |
| International Course | 3 | | | | | | | Integrated Studies | 3 | | | | | | | |
| MKT 350 – Consumer Behavior | 3 | | | | | | | MKT 432 – Managerial Marketing | 3 | | | | | | | |
| MKT 430 – Marketing Channels | 3 | | | | | | | Elective | 3 | | | | | | | |
| Elective | 3 | | | | | | | Elective | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 12 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better.

Business Administration - MIS Concentration Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | | |
|---|-----------|------|-----|------|-----------------------|---------|----------|--|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | | |
| ENG 131-Composition | 3 | | | | | | | COM 130 – Fundamentals of Speech | 3 | | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | | |
| MTH 131- College Algebra | 3 | | | | | | | MTH 132- Finite Math | 3 | | | | | | | |
| Social/Behavior Science | 3 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | |
| Humanities | 3 | | | | | | | ACC 236-Introductions to Managerial Accounting | 3 | | | | | | | |
| Natural Science | 4 | | | | | | | BUS 410 - Professional Preparation | 1 | | | | | | | |
| ACC 235- Introduction to Financial Accounting | 3 | | | | | | | ECO 232 - Principles of Economics II | 3 | | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | Visual/Performing Arts | 3 | | | | | | | |
| BUS 233 - Business Statistics | 3 | | | | | | | BUS 234- Quantitative Methods in Business | 3 | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | | |

| JUNIOR 1 ST SEM | | | | | | | | JUNIOR 2 ND SEM | | | | | | | | |
|--|-----------|--|--|--|--|--|--|---|-----------|--|--|--|--|--|--|--|
| MGT 333 - Principles of Management and Organizational Behavior | 3 | | | | | | | CSC 330 Systems Analysis & Design | 3 | | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | BUS 336 -Legal Environment | 3 | | | | | | | |
| MKT 331 - Principles of Marketing | 3 | | | | | | | MGT 438 - International Business | 3 | | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | BUS 336 - Legal Environment | 3 | | | | | | | |
| CSC 241 Programming w/ lab | 4 | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SENIOR 1 ST SEM | | | | | | | | SENIOR 2 ND SEM | | | | | | | | |
| BUS 450 – Case and Research | 3 | | | | | | | BUS 455 - Business Policy: Senior Investigative Paper | 3 | | | | | | | |
| US 339 - Management Information Systems | 3 | | | | | | | Integrated Studies | 3 | | | | | | | |
| DSC - Intro Data Science | 3 | | | | | | | BUS 480 – Business Analytics | 3 | | | | | | | |
| CSC 432 Data Mining | 3 | | | | | | | | 3 | | | | | | | |
| Elective | 3 | | | | | | | Elective from Pillars (2) | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better.

Master of Social Work Curriculum Guide

Name: _____ ID#: _____ PH#: _____ ENR: _____ CGPA: _____ Semester Hours: _____ 39 or 60 hrs to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
|---|-----------|----|-----|------|-----------------------|---------|----------|--|-----------|----|-----|------|-----------------------|---------|----------|
| FOUNDATIONAL YEAR - 1ST SEM | | | | | | | | FOUNDATIONAL YEAR - 2ND SEM | | | | | | | |
| SWK 602 Anti-Racism, Diversity, Equity, and Inclusion | 3 | | | | | | 2Yr | SWK 603 Social Problems and Policy | 3 | | | | | | 2Yr |
| SWK 604 Human Behavior & the Social Environment I | 3 | | | | | | 2Yr | SWK 605 Human Behavior & the Social Environment II | 3 | | | | | | 2Yr |
| SWK 606 Research Methods | 3 | | | | | | 2Yr | SWK 607 Data Analysis | 3 | | | | | | 2Yr |
| SWK 608 Generalist Practice w/ Individuals, Families | 3 | | | | | | 2Yr | SWK 609 Generalist Practice w/ Orgs & Community | 3 | | | | | | 2Yr |
| SWK 611 Field Experience I | 3 | | | | | | 2Yr | SWK 612 Field Experience II | 3 | | | | | | 2Yr |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SWK 602 Anti-Racism, Diversity, Equity, and Inclusion | 3 | | | | | | Adv | | | | | | | | |
| SWK 607 Data Analysis | 3 | | | | | | Adv | | | | | | | | |
| SWK 610 Practice Bridge | 3 | | | | | | Adv | | | | | | | | |
| TOTAL CREDITS | 9 | | | | | | | TOTAL CREDITS | | | | | | | |
| ADVANCED YEAR - 1ST SEM | | | | | | | | ADVANCED YEAR - 2ND | | | | | | | |

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|---|-----------|--|--|--|--|--|--|---------|---|-----------|--|--|--|--|--|---------|
| | | | | | | | | | SEM | | | | | | | |
| SWK 708 Advanced Practice I w/ Individuals & Families | 3 | | | | | | | 2Yr/Adv | SWK 707 Applied Research II | 3 | | | | | | 2Yr/Adv |
| SWK 709 Advanced Practice II w/ Groups | 3 | | | | | | | 2Yr/Adv | SWK 710 Advanced Practice III w/Communities and Organizations | 3 | | | | | | 2Yr/Adv |
| SWK 706 Applied Research I | 3 | | | | | | | 2Yr/Adv | SWK 712 Field Experience IV | 3 | | | | | | 2Yr/Adv |
| SWK 711 Field Experience III | 3 | | | | | | | 2Yr/Adv | Elective | 3 | | | | | | 2Yr/Adv |
| Elective | 3 | | | | | | | 2Yr/Adv | Elective | 3 | | | | | | 2Yr/Adv |
| TOTAL CREDITS | 15 | | | | | | | | TOTAL CREDITS | 15 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Public Health Curriculum Guide

Name: _____ ID#: _____ PH#: _____ ENR: _____ CGPA: _____ Semester Hours: _____ 120 hrs. to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
|--|-----------|----|-----|------|-----------------------|---------|----------|--|-----------|----|-----|------|-----------------------|---------|----------|
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF |
| HED 132 | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF |
| MTH 131 or Higher | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| Non-Native Language Option I | 3 | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | LSF |
| SMS 100 | 3 | | | | | | | HUMANITIES PILLAR | 3 | | | | | | LSP |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |

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|----------------------------------|-----------|--|--|--|--|--|-----|----------------------------------|-----------|--|--|--|--|--|-----|
| BIO 143 (Nat Sci Pillar) | 4 | | | | | | LSP | BIO 249 | 4 | | | | | | |
| HED 230 | 3 | | | | | | LSP | HED 234 | 3 | | | | | | |
| HED 231 | 3 | | | | | | | HED 232 | 3 | | | | | | |
| HED 233 | 3 | | | | | | | INTEGRATED STUDIES GLOBAL PILLAR | 3 | | | | | | LSP |
| SOCIAL SCIENCE PILLAR | 3 | | | | | | LSP | ADDITIONAL PILLAR ELECTIVE | 3 | | | | | | LSP |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| HED 235 | 3 | | | | | | | HED 334 | 3 | | | | | | |
| HED 337 | 3 | | | | | | | HED 335 | 3 | | | | | | |
| HED 338 | 3 | | | | | | | HED 430 | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| HED 435 | 3 | | | | | | | HED 336 | 3 | | | | | | |
| HED 437 | 3 | | | | | | | HED 433 | 3 | | | | | | |
| HED 438 | 3 | | | | | | | HED 436 | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Business Administration - Retail Management Concentration Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|--|----|------|-----|------|-----------------------|---------|----------|--|----|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131-Composition | 3 | | | | | | | COM 130 – Fundamentals of Speech | 3 | | | | | | |
| Foreign Language | 3 | | | | | | | Foreign Language | 3 | | | | | | |
| MTH 131- College Algebra | 3 | | | | | | | RHC-133- Academic Research | 3 | | | | | | |
| Social/Behavior Science | 3 | | | | | | | CSC 131 - Computers in Society | 3 | | | | | | |
| SMS 100- Smith Seminar | 3 | | | | | | | Health/Phys. Ed. | 3 | | | | | | |

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|--|-----------|--|--|--|--|--|--|--|-----------|--|--|--|--|--|--|
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| Humanities | 3 | | | | | | | ACC 236-Introductions to Managerial Accounting | 3 | | | | | | |
| Natural Science | 4 | | | | | | | BUS 410 - Professional Preparation | 1 | | | | | | |
| ACC 235- Introduction to Financial Accounting | 3 | | | | | | | ECO 232 - Principles of Economics II | 3 | | | | | | |
| ECO 231- Principles of Economics I | 3 | | | | | | | Visual/Performing Arts | 3 | | | | | | |
| BUS 233 - Business Statistics | 3 | | | | | | | BUS 234- Quantitative Methods in Business | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| MGT 333 - Principles of Management and Organizational Behavior | 3 | | | | | | | Elective | 3 | | | | | | |
| Elective | 3 | | | | | | | MKT 334 – Principles of Retailing | 3 | | | | | | |
| BAF 330 - Business Finance | 3 | | | | | | | MKT 335 – Fundamentals of Selling | 3 | | | | | | |
| MKT 331 - Principles of Marketing | 3 | | | | | | | MGT 438- International Business | 3 | | | | | | |
| MGT 336 - Business Communication | 3 | | | | | | | BUS 335 - Legal Environment | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 18 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| BUS 450 - Case and Business Research | 3 | | | | | | | BUS 455 - Business Policy: Senior | 3 | | | | | | |
| MKT 336- Retail Buying & Merchandising | 3 | | | | | | | Integrated Studies | 3 | | | | | | |
| MKT 350 – Consumer Behavior | 3 | | | | | | | MKT 431- Supply Chain Management | 3 | | | | | | |
| MKT 430 – Marketing Channels | 3 | | | | | | | Elective (MKT435 reco) | 3 | | | | | | |
| MGT 334 – Principles of Retailing | 3 | | | | | | | Elective | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 12 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better. All Business Core Classes require a grade of "C" or better

Sports Management Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 120 hrs. to graduate | | | |
|--|----|------|-----|------|-----------------------|---------|----------|--|----|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF |
| HLTH & PE FOUNDATION | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF |

| | | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----------|--|--|--|--|--|--|-----|----------------------------------|----------------------------------|--|--|--|--|--|--|--|-----|
| MTH 131 or Higher | 3 | | | | | | | LSF | RHC 133 | 3 | | | | | | | | LSF |
| Non-Native Language Option I | 3 | | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | | | LSF |
| SMS 100 | 3 | | | | | | | | HUMANITIES PILLAR | 3 | | | | | | | | LSP |
| TOTAL CREDITS | 15 | | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | | | |
| NATURAL SCIENCE PILLAR | 4 | | | | | | | LSP | SPM 233 | 4 | | | | | | | | |
| SPM 230 | 3 | | | | | | | LSP | SPM 331 | 3 | | | | | | | | |
| ACC 235 | 3 | | | | | | | | MARKETING COURSE | 3 | | | | | | | | |
| MKT 331 | 3 | | | | | | | | INTEGRATED STUDIES GLOBAL PILLAR | 3 | | | | | | | | LSP |
| SOCIAL SCIENCE PILLAR | 3 | | | | | | | LSP | ADDITIONAL PILLAR ELECTIVE | 3 | | | | | | | | LSP |
| TOTAL CREDITS | 16 | | | | | | | | TOTAL CREDITS | 16 | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | | | JUNIOR 2ND SEM | | | | | | | | |
| SPM 333 | 3 | | | | | | | | MARKETING COURSE | 3 | | | | | | | | |
| SPM 334 | 3 | | | | | | | | SPM 340 | 3 | | | | | | | | |
| SPM 338 | 3 | | | | | | | | SPM 430 | 3 | | | | | | | | |
| SPM 337 | 3 | | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | | | SENIOR 2ND SEM | | | | | | | | |
| SPM 339 | 3 | | | | | | | | SPM 434 | 3 | | | | | | | | |
| SPM 335 | 3 | | | | | | | | SPM 435 | 3 | | | | | | | | |
| SPM 433 | 3 | | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Curriculum Guides - College of Liberal Arts

Criminology Curriculum Guide

| | | | | | | | | | | | | | | | |
|--------------|-------------|-------------|-------------|--------------|------------------------|----------------------|---------|-------------|----|----|-----|------|-----------------------|---------|---------|
| Name: | ID#: | PH#: | ENR: | CGPA: | Semester Hours: | 122 hrs. to graduate | | | | | | | | | |
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req |

| | | | | | | | | | | | | | | | |
|-------------------------------------|-----------|--|--|--|--|--|-----|------------------------------------|-----------|--|--|--|--|--|-----|
| FRESHMEN 1ST SEM | | | | | | | | FRESHMEN 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF |
| PED or HED | 3 | | | | | | LSF | SMS 100 | 3 | | | | | | LSF |
| MTH 131 or Higher | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF |
| Non-Native Language Option I | 3 | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | LSF |
| SOC 131 | 3 | | | | | | | CRM 131 | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| RHC 133 | 3 | | | | | | LSF | Social/Behavioral Sciences | 3 | | | | | | LSP |
| Humanities | 3 | | | | | | LSP | CRM 237 | 3 | | | | | | |
| CRM 233 | 3 | | | | | | | STATISTICS OPTION | 3 | | | | | | |
| Integrated Studies | 3 | | | | | | LSP | POL 131 | 3 | | | | | | |
| Natural Science | 4 | | | | | | LSP | CRM 336 | 3 | | | | | | |
| | | | | | | | | Free Elective | 1 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| Free Elective | 3 | | | | | | LSP | CRM 432 | 3 | | | | | | |
| Pillar Elective | 3 | | | | | | LSP | CRM 332 | 3 | | | | | | |
| CRM 335 | 3 | | | | | | | Pillar Elective | 3 | | | | | | LSP |
| CRM 339 | 3 | | | | | | | CRM Elective | 3 | | | | | | |
| CRM Elective | 3 | | | | | | | CRM Elective | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| CRM 433 | 3 | | | | | | | CRM 490 | 3 | | | | | | |
| CRM 436 | 3 | | | | | | | CRM Elective | 3 | | | | | | |
| CRM 437 | 3 | | | | | | | Social Science Elective (Major) | 3 | | | | | | |
| Social Science Elective (Major) | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Cultural Studies Curriculum Guide

Name: _____ ID#: _____ PH#: _____ ENR: _____ CGPA: _____ Semester Hours: _____ 122 hrs. to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req |
|--|----|----|-----|------|-----------------------|---------|---------|--|----|----|-----|------|-----------------------|---------|---------|
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF |
| PED or HED | 3 | | | | | | LSF | Natural Science PILLAR | 4 | | | | | | LSP |

| | | | | | | | | | | | | | | | |
|-------------------------------------|-----------|--|--|--|--|-----|-------------------------------------|-----------|--|--|--|--|--|--|-----|
| MTH 131 or Higher | 3 | | | | | LSF | COM 130 | 3 | | | | | | | LSF |
| Non-Native Language Option I | 3 | | | | | LSF | Non-Native Language Option II | 3 | | | | | | | LSF |
| SMS 100 | 3 | | | | | | RHC 133 | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | TOTAL CREDITS | 16 | | | | | | | |
| SOPHOMORE 1st SEM | | | | | | | Sophomore 2nd SEM | | | | | | | | |
| CST 131 | 3 | | | | | LSP | CST 231 | 3 | | | | | | | LSP |
| Humanities | 3 | | | | | LSP | CST 233 | 3 | | | | | | | |
| REL 131 | 3 | | | | | | CST 234 | 3 | | | | | | | |
| GLOBAL/Integrated Studies PILLAR | 3 | | | | | LSP | CST 232 | 3 | | | | | | | LSP |
| Concentration Track Course | 3 | | | | | | Free Elective | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| JUNIOR 1st SEM | | | | | | | JUNIOR 2nd SEM | | | | | | | | |
| Concentration Track Course | 3 | | | | | | CST 331 | 3 | | | | | | | |
| Concentration Track Course | 3 | | | | | | Concentration Track Course | 3 | | | | | | | |
| Concentration Track Course | 3 | | | | | | Concentration Track Course | 3 | | | | | | | |
| Concentration Track Course | 3 | | | | | | Concentration Track Course | 3 | | | | | | | |
| Free Elective | 3 | | | | | | Free Elective | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SENIOR 1st SEM | | | | | | | SENIOR 2nd SEM | | | | | | | | |
| CST 431 | 3 | | | | | | CST 432 | 3 | | | | | | | |
| Free Elective | 3 | | | | | | Free Elective | 3 | | | | | | | |
| Free Elective | 3 | | | | | | Free Elective | 3 | | | | | | | |
| Free Elective | 3 | | | | | | Free Elective | 3 | | | | | | | |
| Free Elective | 3 | | | | | | Free Elective | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | TOTAL CREDITS | 15 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Dance Major Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | | |
|--|-----------|------|-----|------|-----------------------|---------|----------|---|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | |
| FRESHMEN 1ST SEM | | | | | | | | FRESHMEN 2ND SEM | | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF | |
| SMS 100 | 3 | | | | | | LSF | Non-Native Language 132 | 3 | | | | | | LSF | |
| Non-Native Language 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | | |
| MTH 131, 133, 137, 138, 231, 232 | 3 | | | | | | LSF | VPT 232 Intro to Theatre* (Humanities Pillar) | 3 | | | | | | | |
| VPD 223 Ballet I* | 3 | | | | | | | VPD 224 African Dance* | 2 | | | | | | | |
| | | | | | | | | VPD 333 Modern I* | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 17 | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | |
| VPA 230 Soph Practicum I** | 3 | | | | | | | | | | | | | | LSF | |
| VPD 432 Dance as Art Form* (Humanities Pillar) | 3 | | | | | | LSP | VPD 233 Ballet II** | 3 | | | | | | | |
| VPD 125 Dance Conditioning* | 2 | | | | | | | VPA 231 Soph Practicum II** | 3 | | | | | | | |
| Com 130 | 3 | | | | | | LSF | Int. Studies, Global Studies & Emergent Fields Pillar | 3 | | | | | | LSP | |
| HED 132, PED 131, PED 136 | 3 | | | | | | LSF | VPT 235 Tech Theatre I* | 3 | | | | | | | |
| VPD 334 Jazz I* | 3 | | | | | | LSP | Natural Science Pillar BIO 143* | 4 | | | | | | LSP | |
| TOTAL CREDITS | 17 | | | | | | | TOTAL CREDITS | 16 | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | LSP | VPD 340 Junior Seminar* | 3 | | | | | | | |
| VPD 433 Dance Composition* | 3 | | | | | | | VPD 434 Ballet III* OR VPD 435 Adv. Modern III* | 3 | | | | | | | |
| VPD 335 Modern II* | 3 | | | | | | | VPD Elective* | 3 | | | | | | | |
| Social & Behavioral Science Pillar | 3 | | | | | | LSP | VPD 332 Dance Kinesiology OR PED 332* | 3 | | | | | | | |
| FREE ELECTIVE (VPP) | 3 | | | | | | LSP | VPD Elective* | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | |
| VPD 421 Dance Pedagogy* | 3 | | | | | | | VPD ELECTIVE* | 3 | | | | | | | |
| VPD 430 Senior Seminar* | 3 | | | | | | | VPD ELECTIVE * | 3 | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | TOTAL CREDITS | 12 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Interdisciplinary Studies (IDS) Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|--|-----------|------|-----|------|-----------------------|---------|----------|--|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF |
| PED or HED | 3 | | | | | | LSF | Natural Science PILLAR | 4 | | | | | | LSP |
| MTH 131 or Higher | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF |
| Non-Native Language Option I | 3 | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | LSF |
| SMS 100 | 3 | | | | | | | RHC 133 | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| IDS 231 | 3 | | | | | | LSF | Major Concentration Course | 3 | | | | | | |
| Humanities | 3 | | | | | | LSP | Major Concentration Course | 3 | | | | | | |
| Major Concentration Course | 3 | | | | | | | Major Concentration Course | 3 | | | | | | |
| GLOBAL/Integrated Studies PILLAR | 3 | | | | | | LSP | Minor Concentration Course | 3 | | | | | | |
| Minor Concentration Course | 3 | | | | | | LSP | Free Elective | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| Major Concentration Course | 3 | | | | | | | IDS 331 | 3 | | | | | | |
| Major Concentration Course | 3 | | | | | | | Major Concentration Course | 3 | | | | | | |
| Major Concentration Course | 3 | | | | | | | Major Concentration Course | 3 | | | | | | |
| Minor Concentration Course | 3 | | | | | | | Minor Concentration Course | 3 | | | | | | |
| | 3 | | | | | | | PLS 236 | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| IDS 431 | 3 | | | | | | | IDS 432 | 3 | | | | | | |
| Major Concentration Course | 3 | | | | | | | Minor Concentration Course | 3 | | | | | | |
| Minor Concentration Course | 3 | | | | | | | Free Elective | 3 | | | | | | |
| Free Elective | 3 | | | | | | | Free Elective | 3 | | | | | | |
| Free Elective | 3 | | | | | | | Free Elective | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Instrumental Emphasis Curriculum Guide

| Name: | ID#: | PH#: | | | ENR: | | | CGPA: | | | Semester Hours: | | | 122 hrs. to graduate | | |
|---|-----------|------|-----|------|-----------------------|---------|----------|---|-----------|----|-----------------|------|-----------------------|----------------------|----------|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF | |
| SMS 100 | 3 | | | | | | LSF | MUS 131- Intro to Music Literature | 3 | | | | | | LSF | |
| MTH 131, 133, 137, 138, 231, 232 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | | |
| MUS 113- Piano (Individual) | 1 | | | | | | | MUS 114- Piano (Individual) | 1 | | | | | | | |
| MUS 143- Music Theory I | 3 | | | | | | | MUS 144- Music Theory II | 3 | | | | | | | |
| MUS 255- Sight-Singing/Ear Training | 2 | | | | | | | MUS 256- Sight-Singing/Ear Training | 2 | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 17 | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | | |
| MUS 213- Piano (Individual) | 1 | | | | | | | MUS 214- Piano (Individual) | 1 | | | | | | | |
| MUS 243- Music Theory III | 3 | | | | | | | MUS 244- Music Theory IV | 3 | | | | | | | |
| Non-Native Language 131 | 3 | | | | | | | Non-Native Language 132 | 3 | | | | | | | |
| MUS 355- Sight-Singing/Ear Training III | 2 | | | | | | | MUS 356: Sight-Singing/Ear Training IV | 2 | | | | | | | |
| Com 130 | 3 | | | | | | | Int. Studies, Global Studies & Emergent Fields Pillar | 3 | | | | | | LSP | |
| MUS 250 | 2 | | | | | | LSF | Natural Science Pillar BIO 143* | 4 | | | | | | LSP | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 17 | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Junior Seminar* | 3 | | | | | | | |
| MUS 251- Vocal Diction: French | 2 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | | |
| MUS 313- Piano (Individual) | 1 | | | | | | | MUS 314- Piano (Individual) | 1 | | | | | | | |
| MUS 331- Intro to Music Business | 3 | | | | | | | MUS 252- Vocal Diction: German | 2 | | | | | | | |
| MUS 337- Music History & Literature I | 3 | | | | | | | MUS 324- Piano Pedagogy | 2 | | | | | | | |
| Social & Behavioral Science Pillar | 3 | | | | | | LSP | MUS 327- Piano Literature | 2 | | | | | | | |
| HED 132, PED 131, PED 136 | 3 | | | | | | LSP | MUS 338- Music History & Literature II | 3 | | | | | | | |

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|---------------------------------------|-----------|--|--|--|--|--|--|---------------------------------------|-----------|--|--|--|--|--|--|
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 14 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | |
| MUS 413- Piano (Individual) | 1 | | | | | | | MUS 400- Senior Recital | 1 | | | | | | |
| MUS 428- Senior Seminar I | 3 | | | | | | | MUS 414- Piano (Individual) | 1 | | | | | | |
| MUS 365- Piano Accompanying | 2 | | | | | | | MUS 429- Senior Seminar II | 3 | | | | | | |
| Free Elective | 3 | | | | | | | Free Elective | 3 | | | | | | |
| Free Elective | 2 | | | | | | | Free Elective | 3 | | | | | | |
| TOTAL CREDITS | 12 | | | | | | | TOTAL CREDITS | 12 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better

Music Major – Piano Emphasis Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|---|-----------|------|-----|------|-----------------------|---------|----------|---|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| SMS 100 | 3 | | | | | | LSF | MUS 131- Intro to Music Literature | 3 | | | | | | LSF |
| MTH 131, 133, 137, 138, 231, 232 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF |
| MUS 111- University Choir or MUS 119- Swing Choir | 1 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | |
| | 1 | | | | | | | MUS 114- Piano (Individual) | 1 | | | | | | |
| | 3 | | | | | | | MUS 144- Music Theory II | 3 | | | | | | |
| | 2 | | | | | | | MUS 256- Sight-Singing/Ear Training | 2 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 17 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | |
| MUS 213- Piano (Individual) | 1 | | | | | | | MUS 214- Piano (Individual) | 1 | | | | | | |
| MUS 243- Music Theory III | 3 | | | | | | | MUS 244- Music Theory IV | 3 | | | | | | |
| Non-Native Language 131 | 3 | | | | | | | Non-Native Language 132 | 3 | | | | | | |
| MUS 355- Sight-Singing/Ear Training III | 2 | | | | | | | MUS 356: Sight-Singing/Ear Training IV | 2 | | | | | | |
| Com 130 | 3 | | | | | | | Int. Studies, Global Studies & Emergent Fields Pillar | 3 | | | | | | LSP |
| MUS 250 | 2 | | | | | | LSF | Natural Science Pillar | 4 | | | | | | LSP |

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|---------------------------------------|-----------|--|--|--|--|--|-----|--|-----------|--|--|--|--|--|--|
| | | | | | | | | BIO 143* | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 17 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Junior Seminar* | 3 | | | | | | |
| MUS 251- Vocal Diction: French | 2 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | |
| MUS 313- Piano (Individual) | 1 | | | | | | | MUS 314- Piano (Individual) | 1 | | | | | | |
| MUS 331- Intro to Music Business | 3 | | | | | | | MUS 252- Vocal Diction: German | 2 | | | | | | |
| MUS 337- Music History & Literature I | 3 | | | | | | | MUS 324- Piano Pedagogy | 2 | | | | | | |
| Social & Behavioral Science Pillar | 3 | | | | | | LSP | MUS 327- Piano Literature | 2 | | | | | | |
| HED 132, PED 131, PED 136 | 3 | | | | | | LSP | MUS 338- Music History & Literature II | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 14 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| Large Ensemble (MUS 111, 210, or 212) | 1 | | | | | | | Large Ensemble (MUS 112, 211, or 212) | 1 | | | | | | |
| MUS 413- Piano (Individual) | 1 | | | | | | | MUS 400- Senior Recital | 1 | | | | | | |
| MUS 428- Senior Seminar I | 3 | | | | | | | MUS 414- Piano (Individual) | 1 | | | | | | |
| MUS 365- Piano Accompanying | 2 | | | | | | | MUS 429- Senior Seminar II | 3 | | | | | | |
| Free Elective | 3 | | | | | | | Free Elective | 3 | | | | | | |
| Free Elective | 2 | | | | | | | Free Elective | 3 | | | | | | |
| TOTAL CREDITS | 12 | | | | | | | TOTAL CREDITS | 12 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Music Major – Vocal Emphasis Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | | 123 hrs. to graduate | | |
|---|-----------|------|-----|------|-----------------------|---------|----------|---|-----------|-----------------|-----|------|-----------------------|---------|----------|
| Johnson C. Smith University Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | Johnson C. Smith University Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FRESHMEN 1ST SEM | | | | | | | | FRESHMEN 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| SMS 100 | 3 | | | | | | LSF | Non-Native Language 132 | 3 | | | | | | LSF |
| MTH 131, 133, 137, 138, 231, 232 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | |
| MUS 111- University Choir or MUS 119- Swing Choir | 1 | | | | | | | MUS 112- University Choir or MUS 119- Swing Choir | 1 | | | | | | |
| MUS 113- Piano (Individual) | 1 | | | | | | | MUS 114- Piano (Individual) | 1 | | | | | | |
| MUS 115- Voice (Individual) | 1 | | | | | | | MUS 116- Voice (Individual) | 1 | | | | | | |
| MUS 143- Music Theory I | 3 | | | | | | | MUS 144- Music Theory II | 3 | | | | | | |
| MUS 255- Sight-Singing/Ear Training | 2 | | | | | | | MUS 256- Sight-Singing/Ear Training II | 2 | | | | | | |
| TOTAL CREDITS | 17 | | | | | | | TOTAL CREDITS | 17 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| MUS 111- University Choir or MUS 119- Swing Choir | 1 | | | | | | | MUS 112- University Choir or MUS 119- Swing Choir | 1 | | | | | | |
| MUS 213- Piano (Individual) | 1 | | | | | | | MUS 216- Voice Individual | 1 | | | | | | |
| MUS 215- Voice (Individual) | 1 | | | | | | | MUS 220- Opera/Musical Theatre Workshop | 1 | | | | | | |
| MUS 243- Music Theory III | 3 | | | | | | | MUS 244- Music Theory IV | 3 | | | | | | |
| MUS 250- Vocal Diction: Italian | 2 | | | | | | | MUS 251- Vocal Diction: French | 2 | | | | | | |
| MUS 355- Sight-Singing/Ear Training III | 2 | | | | | | | MUS 356- Sight-Singing/Ear Training IV | 2 | | | | | | |

| | | | | | | | | | | | | | | |
|--|-----------|--|--|--|--|-----|---|-----------|--|--|--|--|--|-----|
| Com 130 | 3 | | | | | LSF | Int. Studies, Global Studies & Emergent Fields Pillar | 3 | | | | | | LSP |
| HED 132, PED 131, PED 136 | 3 | | | | | LSF | Natural Science Pillar BIO 143* | 4 | | | | | | LSP |
| TOTAL CREDITS | 16 | | | | | | TOTAL CREDITS | 17 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| MUS 111- University Choir or MUS 119- Swing Choir | 1 | | | | | | Junior Seminar* | 3 | | | | | | |
| MUS 252- Vocal Diction: German | 2 | | | | | | MUS 112- University Choir or MUS 119- Swing Choir | 1 | | | | | | |
| MUS 315- Voice (Individual) | 1 | | | | | | MUS 316- Voice (Individual) | 1 | | | | | | |
| MUS 321- Vocal Pedagogy | 3 | | | | | | MUS 326- Song Literature | 2 | | | | | | |
| MUS 337- Music History & Literature I | 3 | | | | | | MUS 338- Music History & Literature II | 3 | | | | | | |
| Social & Behavioral Science Pillar | 3 | | | | | LSP | Free Elective | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | LSP | Free Elective | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | TOTAL CREDITS | 16 | | | | | | |
| SENIOR 1ST SEM | | | | | | | SENIOR 2ND SEM | | | | | | | |
| MUS 111- University Choir or MUS 119- Swing Choir | 1 | | | | | | MUS 112- University Choir or MUS 119- Swing Choir | 1 | | | | | | |
| MUS 415- Voice (Individual) | 1 | | | | | | MUS 400- Senior Recital | 1 | | | | | | |
| MUS 428- Senior Seminar I | 3 | | | | | | MUS 416- Voice (Individual) | 1 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | MUS 429- Senior Seminar II | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 2 | | | | | | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 12 | | | | | | TOTAL CREDITS | 12 | | | | | | |

Political Science Curriculum Guide

| Name: | | ID#: | | | PH#: | | | ENR: | | | CGPA: | | | Semester Hours: 122 hrs. to graduate | | |
|--|-----------|------|-----|------|-----------------------|---------|---------|--|-----------|----|-------|------|-----------------------|--------------------------------------|---------|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSC 131 | 3 | | | | | | LSF | |
| PED or HED | 3 | | | | | | LSF | POL 100 (SS PILAR) | 3 | | | | | | LSF | |
| MTH 131 or Higher | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF | |
| Non-Native Language Option I | 3 | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | LSF | |
| SMS 100 | 3 | | | | | | | RHC 133 | 3 | | | | | | | |
| | | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | LSF | SOC 131 | 3 | | | | | | LSP | |
| Humanities | 3 | | | | | | LSP | POL 333 | 3 | | | | | | | |
| POL 230 | 3 | | | | | | | HIS 136 | 3 | | | | | | | |
| GLOBAL/Integrated Studies PILLAR | 3 | | | | | | LSP | ECO 231 | 3 | | | | | | | |

| | | | | | | | | | | | | | | | | |
|----------------------------------|-----------|--|--|--|--|--|-----|----------------------------------|-----------|--|--|--|--|--|--|-----|
| Natural Science PILLAR | 4 | | | | | | LSP | POL 131 (PILLAR ELECTIVE) | 3 | | | | | | | |
| | | | | | | | | Free elective | 1 | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | |
| Visual, Performing, Physical Art | 3 | | | | | | | POL 398 | 3 | | | | | | | |
| FREE Elective | 3 | | | | | | LSP | POL 335 | 3 | | | | | | | |
| POL 334 | 3 | | | | | | | FREE Elective | 3 | | | | | | | LSP |
| POL 431 | 3 | | | | | | | POL Elective | 3 | | | | | | | |
| PSY 233 OR (MTH 136, SOC 233) | 3 | | | | | | | POL Elective | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | |
| POL 434 | 3 | | | | | | | POL ELECTIVE | 3 | | | | | | | |
| POL 499 | 3 | | | | | | | POL ELECTIVE | 3 | | | | | | | |
| POL ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Communication Arts Curriculum Guide

| Name: | | ID#: | | | PH#: | | | ENR: | | | CGPA: | | | Semester Hours: | | | 122 hrs. to graduate | | |
|--|----|------|-----|------|-----------------------|---------|----------|---|----|----|-------|------|-----------------------|-----------------|----------|--|----------------------|--|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | | | | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | | | | | |
| COM 130: Public Speaking or Choose CSC 131: Computers in Society (May be taken in either Spring or Fall) | 3 | | | | | | LSF | COM 130: Public Speaking or Choose CSC 131: Computers in Society (May be taken in either Spring or Fall) | 3 | | | | | | LSF | | | | |
| SMS 100: Smith Seminar | 3 | | | | | | LSF | RHC 133: Academic Research Writing (Spring Course ONLY after ENG 131) | 3 | | | | | | LSF | | | | |
| ENG 131: Composition | 3 | | | | | | LSF | RHC 130: African Diaspora Seminar (SUB) | 3 | | | | | | LSF | | | | |
| ARA 131, FRC 131, or SPA 131 NON-NATIVE LANGUAGE * Fall Course Only | 3 | | | | | | LSF | ARA 132, FRC 132, or SPA 132 or Non-Native Language *Spring Course Only | 3 | | | | | | LSF | | | | |
| MTH 131 OR HIGHER or Choose HED 131 or PED 131, 136 *Both Courses are Foundation Requirements | 3 | | | | | | LSF | MTH 131 or HIGHER or Choose HED 131 or PED 131, 136 *Both Courses are Foundation Requirements and may be taken in | 3 | | | | | | LSF | | | | |

| | | | | | | | | | | | | | | | |
|---|-----------|--|--|--|--|--|--------------|--|-----------|--|--|--|--|--|------------|
| and may be taken in either Spring or Fall Semesters) | | | | | | | | either Spring or Fall Semesters) | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| COM 230: Intro to Mass Communication | 3 | | | | | | M | COM 237: Broadcast Operations (sub COM 235) | 3 | | | | | | M |
| COM 231: Media Writing | 3 | | | | | | M | NS: Natural Science Pillar | 4 | | | | | | LSP |
| COM 252: Interpersonal Communication: Social and Behavioral Science Pillar | 3 | | | | | | M/LSP | VPF: 333: Electronic Cinematography (VPA Pillar) | 3 | | | | | | LSP |
| COM 433: African American Press and Rhetoric | 3 | | | | | | LSP | COM 238: Audio Production I | 3 | | | | | | |
| Pillar Elective | 3 | | | | | | LSP | COM 239: Video Production 1 | 3 | | | | | | |
| | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| COM Elective, Independent Study or Special Topics | 3 | | | | | | | PSY 340 | 4 | | | | | | M |
| COM 335: Public Relations and (Strategic Communication) 1 | 3 | | | | | | M | COM 330: Reporting or Sports Broadcasting | 3 | | | | | | M |
| COM 432: Intercultural Communications or COM 431: Media Literacy | 3 | | | | | | M | COM 336: Public Relations and (Strategic Communication II) | 3 | | | | | | M |
| COM 433: Photojournalism or COM 434: Broadcast News | 3 | | | | | | M | COM 364: Rhetoric & Persuasion (Advanced Persuasion) | 3 | | | | | | M |
| COM 435: Audio II Workshop and Podcasting | 3 | | | | | | M | COM 439: Digital Storytelling | 3 | | | | | | M |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| COM 360: Junior Seminar | 3 | | | | | | M | COM 337: Media and Campaigns | 3 | | | | | | M |
| COM 438: Speaking in the Profession | 3 | | | | | | M | COM 439: Special Topics: Public Advocacy | 3 | | | | | | |
| COM 430: Communication Management, Marketing, and Research | 3 | | | | | | M | COM 460: Senior Seminar | 3 | | | | | | |
| COM 440: Online Journalism and Digital Media | 3 | | | | | | M | COM ELECTIVE | 3 | | | | | | |
| COM 490: Internship in Journalism, Graphic Design, Public Relations & Telecommunication | 3 | | | | | | M | COM ELECTIVE + Additional Elective (1 Credit Hour) | 4 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

| | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----------|--|--|--|--|--|--|-----|----------------------------------|-----------|--|--|--|--|--|--|-----|
| TOTAL CREDITS | 17 | | | | | | | | TOTAL CREDITS | 17 | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | | |
| NSC 218 | 1 | | | | | | | | NSC 219 | 1 | | | | | | | |
| CHE 231 | 3 | | | | | | | | CHE 232 | 3 | | | | | | | |
| CHE 221 | 2 | | | | | | | | CHE 222 | 2 | | | | | | | |
| MTH 231 (or other) | 3 | | | | | | | | MTH 232 or 438 (or other) | 3 | | | | | | | |
| BIO 241 | 4 | | | | | | | | BIO 242 | 4 | | | | | | | |
| COM 130 | 3 | | | | | | | LSF | LS PILLAR Course | 3 | | | | | | | LSP |
| TOTAL CREDITS | 16 | | | | | | | | TOTAL CREDITS | 16 | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | | JUNIOR 2ND SEM | | | | | | | | |
| PHY 241 (or PHY 243) | 4 | | | | | | | | PHY 242 (or 244) | 4 | | | | | | | |
| Biology 4 th Core | 4 | | | | | | | | LS Pillar Course | 3 | | | | | | | LSP |
| CHE 333 | 3 | | | | | | | | Free Elective | 3 | | | | | | | |
| BIO 247 | 4 | | | | | | | | BIO elective (300+) | 3 | | | | | | | |
| NSC 318 | 1 | | | | | | | | NSC 319 | 1 | | | | | | | |
| Non-native Language Option I | 3 | | | | | | | LSF | Non-native Language Option II | 3 | | | | | | | LSF |
| TOTAL CREDITS | 17 | | | | | | | | TOTAL CREDITS | 17 | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | | SENIOR 2ND SEM | | | | | | | | |
| BIO elective (300+) | 3 | | | | | | | | BIO elective (300+) | 3 | | | | | | | |
| NSC 429 | 2 | | | | | | | | LS PILLAR Course | 3 | | | | | | | LSP |
| Biology 4 th Core | 4 | | | | | | | | NSC 419 | 1 | | | | | | | |
| Health-Physical Ed Selection | 3 | | | | | | | LSF | Free Elective | 3 | | | | | | | |
| | | | | | | | | | Free Elective | 3 | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 12 | | | | | | | | TOTAL CREDITS | 13 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Biology Chemistry Double Major Curriculum Guide

| Name: | ID#: | PH#: | ENR: | CGPA: | Semester Hours: | 134 hrs. to graduate | | | | | | | | | |
|--|-----------|------|------|-------|-----------------------|----------------------|----------|--|-----------|----|-----|------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| CHE 131 | 3 | | | | | | | CHE 132 | 3 | | | | | | |
| CHE 111 | 1 | | | | | | | CHE 112 | 1 | | | | | | |
| MTH 137 (or other) | 3 | | | | | | LSF | BIO 144 | 4 | | | | | | |
| SMS 100 | 3 | | | | | | LSF | MTH 138 (or other) | 3 | | | | | | |
| BIO 143 | 4 | | | | | | LSP | CSC 131 | 3 | | | | | | LSP |
| | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 17 | | | | | | | TOTAL CREDITS | 17 | | | | | | |

| SOPHOMORE 2 ND SEM | | | | | | | | | | | | | | | | | |
|-------------------------------|-----------|----------------------------|--|--|--|--|--|-----|-------------------------------|-----------|--|--|--|--|--|--|-----|
| NSC 218 | 1 | | | | | | | | NSC 219 | 1 | | | | | | | |
| CHE 231 | 3 | | | | | | | | CHE 232 | 3 | | | | | | | |
| CHE 221 | 2 | | | | | | | | CHE 222 | 2 | | | | | | | |
| MTH 231 (or other) | 3 | | | | | | | | MTH 232 or 438 (or other) | 3 | | | | | | | |
| BIO 241 | 4 | | | | | | | | BIO 242 | 4 | | | | | | | |
| COM 130 | 3 | | | | | | | LSF | LS PILLAR Course | 3 | | | | | | | LSP |
| TOTAL CREDITS | 16 | | | | | | | | TOTAL CREDITS | 16 | | | | | | | |
| JUNIOR 1 ST SEM | | JUNIOR 2 ND SEM | | | | | | | | | | | | | | | |
| PHY 241 (or PHY 243) | 4 | | | | | | | | PHY 242 (or 244) | 4 | | | | | | | |
| CHE 325 | 2 | | | | | | | | CHE 326 | 2 | | | | | | | |
| CHE 335 | 3 | | | | | | | | CHE 336 | 3 | | | | | | | |
| BIO 247 | 4 | | | | | | | | BIO elective (300+) | 3 | | | | | | | |
| NSC 318 | 1 | | | | | | | | NSC 319 | 1 | | | | | | | |
| Non-native Language Option I | 3 | | | | | | | LSF | Non-native Language Option II | 3 | | | | | | | LSF |
| TOTAL CREDITS | 17 | | | | | | | | TOTAL CREDITS | 16 | | | | | | | |
| SENIOR 1 ST SEM | | SENIOR 2 ND SEM | | | | | | | | | | | | | | | |
| CHE 423 | 2 | | | | | | | | CHE 423 | 2 | | | | | | | |
| CHE 431 | 3 | | | | | | | | CHE 432 | 3 | | | | | | | |
| Biology 4 th Core | 4 | | | | | | | | NSC 419 | 1 | | | | | | | |
| Health-Physical Ed selection | 3 | | | | | | | LSF | LS PILLAR Course | 3 | | | | | | | LSP |
| BIO elective (300+) | 3 | | | | | | | | LS PILLAR Course | 3 | | | | | | | LSP |
| NSC 429 | 2 | | | | | | | | BIO elective (300+) | 3 | | | | | | | |
| | | | | | | | | | CHE 333 | 3 | | | | | | | |
| TOTAL CREDITS | 17 | | | | | | | | TOTAL CREDITS | 18 | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Chemistry Major Curriculum Guide

Name: ID#: PH#: ENR: CGPA: Semester Hours: 122 hrs. to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Rem | JCSU Course | Cr | Gr | Se m | Year | Subs/CLEP/Place/Trans | Conv QT | Rem |
|--|----|----|-----|------|-----------------------|---------|-----|--|----|----|---------|------|-----------------------|---------|-----|
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| CHE 131 | 3 | | | | | | LSP | CHE 132 | 3 | | | | | | |
| CHE 111 | 1 | | | | | | LSP | CHE 112 | 1 | | | | | | |
| MTH 137 (or other) | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF |
| SMS 100 | 3 | | | | | | LSF | MTH 138 (or other) | 3 | | | | | | |

| | | | | | | | | | | | | | | | | | |
|-------------------------------------|-----------|--|--|--|--|--|-----|----------------------------------|-----------|--|--|--|--|--|--|--|-----|
| CSC 131 | 3 | | | | | | LSF | LS PILLAR Course | 3 | | | | | | | | LSP |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | | |
| NSC 218 | 1 | | | | | | | NSC 219 | 1 | | | | | | | | |
| CHE 231 | 3 | | | | | | | CHE 232 | 3 | | | | | | | | |
| CHE 221 | 2 | | | | | | | CHE 222 | 2 | | | | | | | | |
| MTH 231 (or other) | 3 | | | | | | | MTH 232 or 438 (or other) | 3 | | | | | | | | |
| Non-Native Language Option I | 3 | | | | | | | Non-Native Language Option II | 3 | | | | | | | | LSF |
| Free Elective | 3 | | | | | | | Elective | 3 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | | |
| PHY 241 (or PHY 243) | 4 | | | | | | | PHY 242 (or 244) | 4 | | | | | | | | |
| CHE 325 | 2 | | | | | | | CHE 326 | 2 | | | | | | | | |
| CHE 335 | 3 | | | | | | | CHE 336 | 3 | | | | | | | | |
| CHE 333 | 3 | | | | | | | LS PILLAR Course | 3 | | | | | | | | LSP |
| NSC 318 | 1 | | | | | | | NSC 319 | 1 | | | | | | | | |
| LS PILLAR Course | 3 | | | | | | | STEM Elective (200+) | 3 | | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 16 | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | | |
| CHE 423 | 2 | | | | | | | CHE 423 | 2 | | | | | | | | |
| CHE 431 | 3 | | | | | | | CHE 432 | 3 | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | NSC 419 | 1 | | | | | | | | |
| Health-Physical Ed selection | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| FREE ELECTIVE | 2 | | | | | | | FREE ELECTIVE | 3 | | | | | | | | |
| NSC 429 | 2 | | | | | | | FREE ELECTIVE | 2 | | | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 14 | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Computer Engineering Curriculum Guide

Name: _____ ID#: _____ PH#: _____ ENR: _____ CGPA: _____ Semester Hours: 122 hrs. to graduate

| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
|-----------------------------|----|----|-----|------|-----------------------|---------|----------|-----------------------------|----|----|-----|------|-----------------------|---------|----------|
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2nd SEM | | | | | | | |
| CSC 131 | 3 | | | | | | LSF | COM 131 | 3 | | | | | | LSF |
| CSC 210 | 1 | | | | | | | CSC 211 | 1 | | | | | | |

| | | | | | | | | | | | | | | | | |
|------------------------------|-----------|--|--|--|--|-----|--|-----------|--|--|--|--|--|--|-----|--|
| CSC 241 | 4 | | | | | | CSC 242 | 4 | | | | | | | | |
| CSE 138 | 3 | | | | | | CSE 330 | 3 | | | | | | | | |
| MTH 131 or other | 3 | | | | | LSF | MTH 137 or other | 3 | | | | | | | | |
| SMS 100 | 3 | | | | | LSF | Health and Physical Education Foundation | 3 | | | | | | | LSF | |
| TOTAL CREDITS | 17 | | | | | | TOTAL CREDITS | 17 | | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | |
| CSC 234 | 3 | | | | | | CSC 333 | 3 | | | | | | | | |
| CSC 332 | 3 | | | | | | CSE 332 | 3 | | | | | | | | |
| CSE 331 | 3 | | | | | | CSE 334 | 3 | | | | | | | | |
| ENG 131 | 3 | | | | | LSF | CSE 335 | 3 | | | | | | | | |
| MTH 138 or other | 3 | | | | | | MTH 231 | 3 | | | | | | | | |
| Non-Native Language Option I | 3 | | | | | LSF | Non-Native Language Option II | 3 | | | | | | | LSF | |
| TOTAL CREDITS | 18 | | | | | | TOTAL CREDITS | 18 | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | | | | | | | | | |
| CSE 432 | 3 | | | | | | CSC 438 | 3 | | | | | | | | |
| CSE 433 | 3 | | | | | | CSE Restricted Elective | 3 | | | | | | | | |
| CSE 434 | 3 | | | | | | MTH 333 | 3 | | | | | | | | |
| MTH 232 | 3 | | | | | | MTH 434 | 3 | | | | | | | | |
| MTH 336 | 3 | | | | | | LS Pillar Course | 3 | | | | | | | LSP | |
| RHC 133 | 3 | | | | | LSF | | | | | | | | | | |
| TOTAL CREDITS | 18 | | | | | | TOTAL CREDITS | 15 | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | | | | | | | | | |
| CSE 430 | 3 | | | | | | CSE Restricted Elective | 3 | | | | | | | | |
| CSE Restricted Elective | 3 | | | | | | PHY 244 | 4 | | | | | | | LSP | |
| PHY 243 | 4 | | | | | LSP | LS Pillar Course | 3 | | | | | | | LSP | |
| LS Pillar Course | 3 | | | | | LSP | Free Elective | 3 | | | | | | | | |
| TOTAL CREDITS | 13 | | | | | | TOTAL CREDITS | 13 | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Computer Science Information Systems Curriculum Guide

| Name: | | ID#: | | | PH#: | | | ENR: | | | CGPA: | | | Semester Hours: | | | 122 hrs. to graduate | | |
|------------------------------|-----------|------|-----|------|-----------------------|---------|-----|------|--|-----------|-------|-----|------|-----------------------|---------|-----|----------------------|--|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Rem | Re | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Rem | Re | | |
| FIRST YEAR - 1ST SEM | | | | | | | | | FIRST YEAR - 2nd SEM | | | | | | | | | | |
| CSC 131 | 3 | | | | | | LSF | | COM 131 | 3 | | | | | | | LSF | | |
| CSC 210 | 1 | | | | | | | | CSC 211 | 1 | | | | | | | | | |
| CSC 241 | 4 | | | | | | | | CSC 242 | 4 | | | | | | | | | |
| CSE 138 | 3 | | | | | | | | ENG 131 | 3 | | | | | | | LSF | | |
| MTH 131 or other | 3 | | | | | | LSF | | MTH 137 or other | 3 | | | | | | | | | |
| SMS 100 | 3 | | | | | | LSF | | Health and Physical Education Foundation | 3 | | | | | | | LSF | | |
| TOTAL CREDITS | 17 | | | | | | | | TOTAL CREDITS | 17 | | | | | | | | | |
| SOPHOMORE 1ST SEM | | | | | | | | | SOPHOMORE 2ND SEM | | | | | | | | | | |
| CSC 234 | 3 | | | | | | | | CSC 330 | 3 | | | | | | | | | |
| CSC 332 | 3 | | | | | | | | CSC 331 | 3 | | | | | | | | | |
| MTH 138 or other | 3 | | | | | | | | CSC 333 | 3 | | | | | | | | | |
| RHC 133 | 3 | | | | | | LSF | | MTH 231 | 3 | | | | | | | | | |
| LS Pillar Course | 3 | | | | | | LSP | | LS Pillar Course | 3 | | | | | | | LSP | | |
| Non-Native Language Option I | 3 | | | | | | LSF | | Non-Native Language Option II | 3 | | | | | | | LSF | | |
| TOTAL CREDITS | 18 | | | | | | | | TOTAL CREDITS | 18 | | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | | JUNIOR 2ND SEM | | | | | | | | | | |
| ACC 235 | 3 | | | | | | | | ACC 236 | 3 | | | | | | | | | |
| CSC 233 | 3 | | | | | | | | CSC 438 | 3 | | | | | | | | | |
| CSC 238 | 3 | | | | | | | | CSE Restricted Elective | 3 | | | | | | | | | |
| CSC 334 | 3 | | | | | | | | ECO 231 | 3 | | | | | | | | | |
| CSC 335 | 3 | | | | | | | | LS Pillar Course | 3 | | | | | | | LSP | | |
| MTH 136 | 3 | | | | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 18 | | | | | | | | TOTAL CREDITS | 15 | | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | | SENIOR 2ND SEM | | | | | | | | | | |
| BAF 330 | 3 | | | | | | | | MKT 331 | 3 | | | | | | | | | |
| CSE 430 | 3 | | | | | | | | CSE Restricted Elective | 3 | | | | | | | | | |
| CSE Restricted Elective | 3 | | | | | | | | LS Pillar Course | 4 | | | | | | | LSP | | |
| MGT 333 | 3 | | | | | | | | LS Pillar Course | 3 | | | | | | | LSP | | |
| TOTAL CREDITS | 12 | | | | | | | | TOTAL CREDITS | 13 | | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Information Systems Engineering Curriculum Guide

| Name: | ID#: | | | PH#: | | | ENR: | | | CGPA: | | | Semester Hours: | | | 122 hrs. to graduate | | |
|------------------------------|-----------|----|-----|------|-----------------------|---------|----------|--|-----------|-------|-----|------|-----------------------|---------|----------|----------------------|--|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | | | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2nd SEM | | | | | | | | | | |
| CSC 131 | 3 | | | | | | LSF | COM 131 | 3 | | | | | | LSF | | | |
| CSC 210 | 1 | | | | | | | CSC 211 | 1 | | | | | | | | | |
| CSC 241 | 4 | | | | | | | CSC 242 | 4 | | | | | | | | | |
| CSE 138 | 3 | | | | | | | CSE 330 | 3 | | | | | | | | | |
| MTH 131 or other | 3 | | | | | | LSF | MTH 137 or other | 3 | | | | | | | | | |
| SMS 100 | 3 | | | | | | LSF | Health and Physical Education Foundation | 3 | | | | | | LSF | | | |
| TOTAL CREDITS | 17 | | | | | | | TOTAL CREDITS | 17 | | | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | | | |
| CSC 234 | 3 | | | | | | | CSC 331 | 3 | | | | | | | | | |
| CSC 238 | 3 | | | | | | | CSC 333 | 3 | | | | | | | | | |
| CSC 332 | 3 | | | | | | | CSE 332 | 3 | | | | | | | | | |
| CSE 331 | 3 | | | | | | | CSE 334 | 3 | | | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | CSE 335 | 3 | | | | | | | | | |
| MTH 138 or other | 3 | | | | | | | MTH 231 | 3 | | | | | | | | | |
| TOTAL CREDITS | 18 | | | | | | | TOTAL CREDITS | 18 | | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | | | |
| CSC 334 | 3 | | | | | | | CSC 438 | 3 | | | | | | | | | |
| CSC 335 | 3 | | | | | | | CSE Restricted Elective | 3 | | | | | | | | | |
| CSE 432 | 3 | | | | | | | MTH 136 | 3 | | | | | | | | | |
| MTH 232 | 3 | | | | | | | Non-Native Language Option II | 3 | | | | | | LSF | | | |
| RHC 133 | 3 | | | | | | LSF | LS Pillar Course | 3 | | | | | | LSP | | | |
| Non-Native Language Option I | 3 | | | | | | LSF | | | | | | | | | | | |
| TOTAL CREDITS | 18 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | | | |
| CSE 430 | 3 | | | | | | | CSE Restricted Elective | 3 | | | | | | | | | |
| CSE Restricted Elective | 3 | | | | | | | PHY 242 | 4 | | | | | | LSP | | | |
| PHY 241 | 4 | | | | | | LSP | LS Pillar Course | 3 | | | | | | LSP | | | |
| LS Pillar Course | 3 | | | | | | LSP | Free Elective | 3 | | | | | | | | | |
| TOTAL CREDITS | 13 | | | | | | | TOTAL CREDITS | 13 | | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Mathematics Curriculum Guide

| Name: | ID#: | | | | PH#: | | | ENR: | | | | CGPA: | | | Semester Hours: | | | 122 hrs. to graduate | | |
|------------------------------|-----------|----|-----|------|-----------------------|---------|----------|--|-----------|----|-----|-------|-----------------------|---------|-----------------|--|--|----------------------|--|--|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | | | | | |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2nd SEM | | | | | | | | | | | | |
| CSC 131 | 3 | | | | | | LSF | CSC 241 | 4 | | | | | | | | | | | |
| COM 130 | 3 | | | | | | LSF | MTH 138 or other | 3 | | | | | | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF | | | | | |
| MTH 137 or other | 3 | | | | | | LSF | Health and Physical Education Foundation | 3 | | | | | | LSF | | | | | |
| SMS 100 | 3 | | | | | | LSF | LS Pillar Course | 3 | | | | | | LSP | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | | | | | | |
| MTH 231 | 3 | | | | | | | MTH 232 | 3 | | | | | | | | | | | |
| MTH Restricted Elective | 3 | | | | | | | MTH 335 | 3 | | | | | | | | | | | |
| LS Pillar Course | 3 | | | | | | LSP | MTH Restricted Elective | 3 | | | | | | | | | | | |
| LS Pillar Course | 3 | | | | | | LSP | Free elective | 3 | | | | | | | | | | | |
| Non-Native Language Option I | 3 | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | LSF | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | | | | | | |
| MTH 311 | 1 | | | | | | | MTH 312 | 1 | | | | | | | | | | | |
| MTH 331 | 3 | | | | | | | MTH 332 | 3 | | | | | | | | | | | |
| MTH 336 | 3 | | | | | | | MTH 333 | 3 | | | | | | | | | | | |
| PHY 243 | 4 | | | | | | LSP | MTH 414 | 1 | | | | | | | | | | | |
| Free Elective | 3 | | | | | | | MTH 434 | 3 | | | | | | | | | | | |
| Free Elective | 3 | | | | | | | PHY 244 | 4 | | | | | | LSP | | | | | |
| TOTAL CREDITS | 17 | | | | | | | TOTAL CREDITS | 15 | | | | | | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | | | | | | |
| MTH 411 | 1 | | | | | | | MTH 412 | 1 | | | | | | | | | | | |
| MTH 430 | 3 | | | | | | | MTH 432 | 3 | | | | | | | | | | | |
| MTH 439 | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | | | | | |
| MTH Restricted Elective | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | | | | | | | | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 13 | | | | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Mathematics with Pre-Finance Concentration Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|-------------------------------------|-----------|------|-----|------|-----------------------|---------|----------|--|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2nd SEM | | | | | | | |
| CSC 131 | 3 | | | | | | LSF | BAF 231 | 3 | | | | | | |
| COM 130 | 3 | | | | | | LSF | MTH 138 or other | 3 | | | | | | |
| ENG 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| MTH 137 or other | 3 | | | | | | LSF | Health and Physical Education Foundation | 3 | | | | | | LSF |
| SMS 100 | 3 | | | | | | LSF | LS Pillar Course | 3 | | | | | | LSP |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| ACC 235 | 3 | | | | | | | ACC 236 | 3 | | | | | | |
| CSC 241 | 4 | | | | | | | MTH 232 | 3 | | | | | | |
| MTH 231 | 3 | | | | | | | MTH 335 | 3 | | | | | | |
| LS Pillar Course | 3 | | | | | | LSP | MTH Restricted Elective | 3 | | | | | | |
| Non-Native Language Option I | 3 | | | | | | LSF | Non-Native Language Option II | 3 | | | | | | LSF |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| ACC 335 | 3 | | | | | | | BAF 330 | 3 | | | | | | |
| ECO 231 | 3 | | | | | | | ECO 232 | 3 | | | | | | |
| MTH 311 | 1 | | | | | | | MTH 312 | 1 | | | | | | |
| MTH 331 | 3 | | | | | | | MTH 332 | 3 | | | | | | |
| MTH 336 | 3 | | | | | | | MTH 333 | 3 | | | | | | |
| MTH Restricted Elective | 3 | | | | | | | MTH 414 | 1 | | | | | | |
| | | | | | | | | LS Pillar Course | 3 | | | | | | LSP |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 17 | | | | | | |

| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
|-------------------------|-----------|--|--|--|--|--|-----|----------------------|-----------|--|--|--|--|--|-----|
| BAF 431 | 3 | | | | | | | MKT 350 | 3 | | | | | | |
| MTH 411 | 1 | | | | | | | MTH 412 | 1 | | | | | | |
| MTH 430 | 3 | | | | | | | MTH 432 | 3 | | | | | | |
| MTH 439 | 3 | | | | | | | MTH 434 | 3 | | | | | | |
| MTH Restricted Elective | 3 | | | | | | | PHY 244 | 4 | | | | | | LSP |
| PHY 243 | 4 | | | | | | LSP | | | | | | | | |
| TOTAL CREDITS | 17 | | | | | | | TOTAL CREDITS | 14 | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.

Psychology Curriculum Guide

| Name: | | ID#: | | PH#: | | ENR: | | CGPA: | | Semester Hours: | | 122 hrs. to graduate | | | |
|--|-----------|------|-----|------|-----------------------|---------|----------|--|-----------|-----------------|-----|----------------------|-----------------------|---------|----------|
| JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. | JCSU Course | Cr | Gr | Sem | Year | Subs/CLEP/Place/Trans | Conv QT | Met Req. |
| FIRST YEAR - 1ST SEM | | | | | | | | FIRST YEAR - 2ND SEM | | | | | | | |
| SMS 100 | 3 | | | | | | LSF | NON-NATIVE LANGUAGE OPTION II | 3 | | | | | | LSF |
| CSC 131 | 3 | | | | | | LSF | RHC 133 | 3 | | | | | | LSF |
| ENG 131 | 3 | | | | | | LSF | COM 130 | 3 | | | | | | LSF |
| NON-NATIVE LANGUAGE OPTION 1 | 3 | | | | | | LSF | LS PILLAR | 3 | | | | | | LSP |
| MTH 131 OR HIGHER | 3 | | | | | | LSF | PED or HED | 3 | | | | | | LSF |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| SOPHOMORE 2ND SEM | | | | | | | | | | | | | | | |
| PSY 131 | 3 | | | | | | M/LSP | PSY 132 | 3 | | | | | | M |
| LS PILLAR | 3 | | | | | | LSP | PSY 233 | 3 | | | | | | M |
| BIO 143 | 4 | | | | | | M/LSP | PSY CATEGORY | 3 | | | | | | M |
| FREE ELECTIVE | 3 | | | | | | LSP | LS PILLAR | 3 | | | | | | LSP |
| LS PILLAR | 3 | | | | | | LSP | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 16 | | | | | | | TOTAL CREDITS | 15 | | | | | | |
| JUNIOR 1ST SEM | | | | | | | | JUNIOR 2ND SEM | | | | | | | |
| PSY 234 | 3 | | | | | | M | PSY 340 | 4 | | | | | | M |
| PSY CATEGORY | 3 | | | | | | M | PSY CATEGORY | 3 | | | | | | M |
| PSY CATEGORY | 3 | | | | | | M | PSY CATEGORY | 3 | | | | | | M |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |

| | | | | | | | | | | | | | | | |
|----------------------------------|-----------|--|--|--|--|--|----------|----------------------------------|-----------|--|--|--|--|--|----------|
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | TOTAL CREDITS | 16 | | | | | | |
| SENIOR 1ST SEM | | | | | | | | SENIOR 2ND SEM | | | | | | | |
| PSY 430 | 3 | | | | | | M | PSY 437 | 3 | | | | | | M |
| PSY CATEGORY | 3 | | | | | | M | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| FREE ELECTIVE | 3 | | | | | | | FREE ELECTIVE | 3 | | | | | | |
| TOTAL CREDITS | 15 | | | | | | | | | | | | | | |

COM 130, ENG 131, RHC 133 and all major area courses require a grade of "C" or better.