

BENEDICT COLLEGE CATALOGUE 2020-2022



*Founded on Faith...
Focused on the Future...*

#TheBESTofBC™

The cover for the 2020-2022 Benedict College Catalogue was designed by Ms. Gabrielle Montgomery, Creative Services Director, at Benedict College.

BENEDICT COLLEGE CATALOGUE**2020-2022****2020-2022**

Benedict College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and masters degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Benedict College.

**Benedict College
Columbia, South Carolina 29204
1-800-868-6598**

Volume 83

**DR. ROSLYN CLARK ARTIS
PRESIDENT AND CEO**



**A MESSAGE FROM THE PRESIDENT
ROSLYN CLARK ARTIS, J.D., Ed.D.**

Academic excellence has characterized Benedict College since its founding 150 years ago in 1870. Countless men and women have stood on the broad shoulders of our founder and accepted her challenge to provide quality educational opportunities for deserving students. During every era of its existence, whether it was facing challenges, navigating obstacles, or achieving milestones along the way, Benedict College has stood tall and remained true to its mission. Benedict College has long answered questions, met the challenges, and sent her graduates out into the world empowered to be “powers for good in society.” They continually strive to do good, be better, and become #TheBESTofBC!

Our students have always been the conduit through which the awesome transformative power of education has been conveyed. The descendants of former slaves heard about and yearned to come to Benedict Institute, where their deferred dreams could be realized. In the 150 years since her founding, generations have come to Benedict College to pursue their educational aspirations.

The present day mission of Benedict College, is to graduate students who are prepared to assume competent, responsible, and compassionate leadership roles in every area of human endeavor. From aspiring cybersecurity data analysts, to enterprise builders and owners, to noble classroom teachers who empower successive generations, there is a place for you here at Benedict College.

This catalogue provides the latest information about the College’s administrative policies and plans, academic programs, student services and activities, and student-support units. It outlines emerging, innovative, cutting-edge educational programs and initiatives that will shape the current and future at Benedict College, and that embrace our responsibility for shaping the next generation of world leaders.

I continue to ask our students and the entire Benedict College “Family” to:

- achieve more;
- dream more;
- give more;
- learn more;
- study more; and strive evermore

to represent #TheBESTofBC.

Please read this catalogue very carefully to learn about the many opportunities that await you at Benedict College. The College will continue to pursue its noble and historic legacy of teaching, research and service to the community as it has done *From Its Founding...* and as she moves steadfastly, *To Our Future!*

MISSION STATEMENT FOR BENEDICT COLLEGE

Benedict College will be a leader in providing transformative learning experiences for a diverse student body, defined by superior cultural and professional competencies that are nurtured and developed by faculty, staff and stakeholders who value innovation, customer service, community and industry engagement.

A VISION FOR BENEDICT COLLEGE

Benedict College is a college where each student's experience in academic, residential and co-curricular activities is transformative and customer-service focused; at the same time, Benedict faculty and staff work in a collaborative, transparent environment where data-based decisions are also girded in compassion.

Benedict College is a place of full-time learning from the classroom, to the playing field, to the residence hall and out into the community where the legacy of "BC" as inclusive, pioneering, and "family" is respected and cherished.

Transformative education, innovation in technology and enterprise, and commitment to community all merge in a dynamic environment where students receive an education that prepares them to enter the global marketplace with exceptional cultural and professional competencies that will empower them to contribute to the sustainability and economic growth of the communities where they live, work and play.

Therefore, Benedict College is not only a power for good in society, but Benedict is committed to providing a transformative learning environment, created by highly trained and equipped professionals, that empowers all students to realize their highest potential.

Catalogue Rights

This catalogue is effective August 1, 2020. It is intended to provide information about the College's operating policies and procedures, academic regulations, and requirements for graduation. Benedict College reserves the right to modify, change, or alter without notice all fees, charges, tuition, expenses, and costs of any kind. In addition, the College reserves the right to add, delete, or change without notice any courses, programs, policies, or procedures contained in this catalogue in order to keep such matters current or to implement the mission of the College. Such changes will be effective at the time designated by the College.

Statement of Non-Discrimination

Benedict College is committed to equal opportunity, affirmative action and non-discrimination on the basis of race, creed, religion, age, sex, national origin, handicap and other legally protected status in all educational programs, activities, and conditions of employment.

Certification Statement

I certify that this catalogue is true and correct in content and policy and states progress requirements for graduation.

Janeen P. Witty, Ph.D.

Vice President for Academic Affairs



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ACADEMIC CALENDAR

◆◆◆SUMMER 2020◆◆◆

◆◆◆ JULY 2020◆◆◆

Virtual Student Leadership Institute

- 22 July Registration for Bridge Students
10:00AM. -12:00 noon
- 28 Tuesday Band leaders, upper class, and freshman
members, and cheerleaders, return and register
11 00 p.m. -4:00 p.m.
- 29 Wednesday Registration for new and returning football
players, International Students and other
approved groups
1:00 p.m. - 4:00 p.m.
- 30 Thursday Registration for new and returning, band
members, volleyball players, ROTC cadets,
and other approved groups
1:00 p.m. - 4:00 p.m.
- 31 Friday Preparation Day for registration of First-Time
freshmen

ACADEMIC CALENDAR

◆◆◆FALL SEMESTER 2020◆◆◆

◆◆◆◆AUGUST 2020◆◆◆◆

3	Monday	Welcome Center and Registration open for First-Time Freshmen First-Time Freshmen (not transfer and readmitted students) arrive and begin registration by alphabetical designations 8:30 a.m. - 5:00 p.m. Faculty Return (Faculty Development activities)
3-7	Monday-Friday	Welcome Week, Registration, and Orientation Sessions
4	Tuesday	Registration continues for new freshmen; transfer and readmitted students arrive for registration 9:00 a.m. - 5:00 p.m.
5	Wednesday	Residence Halls, Welcome Center and Registration opens for returning students 8:30 a.m. – 5:00 p.m.
6-7	Thursday-Friday	Registration continues for all students 9:00 a.m. - 5:00 p.m. –
8	Saturday	COMMENCEMENT CONVOCATION Charlie W. Johnson Stadium
10	Monday	CLASSES BEGIN FOR ALL STUDENTS
10	November 9 Monday-Monday	MBA COHORT CLASS SCHEDULE
10–Sept. 18	Monday-Friday	Class Schedule for Block I Courses
10-14	Monday-Friday	Registration continues 9:00 a.m. – 4:00 p.m.

◆◆◆◆AUGUST 2020◆◆◆◆

14	Friday	Last day for students to register
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Last day for students to complete clearance
Last day to add a course
Last day to Add Block I Classes

Last day to drop a regular and Block I course
without the WC designation

- | | | |
|----|--------|---|
| 21 | Friday | Attendance Verification Deadline
Students will be dropped from any classes they
have not attended and financial aid will be
adjusted appropriately |
| 31 | Monday | Last day for students to move out the dorm and
receive monetary adjustment |

3	Thursday	Fall Convocation (virtual) 11:00 a.m.
7	Monday	Labor Day – Remote Class Day
18	Friday	Last day to file for Fall 2020 Graduation and pay fees (There will be no December Graduation Ceremony)
11	Friday	Last day to drop a Block I class and receive a WC designation
12	Saturday	Reading and Instructional Day Make-up tests, review sessions for the midterm examinations, and other classes as needed
14-18	Monday-Friday	Midterm Examinations Final Examinations for Block I
21	Monday	Midterm grades are due by 5:00 p.m. Final grades for Block I courses are due by 5:00 p.m.
21-Oct. 30	Monday-Friday	Carolina HBCU Professional Development Conference Block II class schedule
25	Friday	Last day to add a Block II class Last day to drop a Block II class without the WC designation

2	Friday	Attendance Verification Deadline Students will be dropped from any Block II classes they have not attended and financial aid will be adjusted appropriately
5		Early Registration for Spring Semester 2021
5 -	November 24 Monday-Tuesday	Registration for the Online Winter Minimester Classes
14-15	Wednesday-Thursday	Fall Board of Trustees Meeting Board Conference Room
17	Saturday	HOMECOMING DAY Benedict College versus Albany State Charlie W. Johnson Stadium-2:00 p.m.
20	Tuesday	Carolina HBCU Career Talent Showcase
23	Friday	Last day to drop a class in the regular session and receive a WC designation Last day to drop a Block II class and receive a WC designation Last day to officially withdraw from the College
24	Saturday	Reading and Instructional Day Make-up tests, review sessions for the examinations, and other classes as needed
30	Friday	Last day of regular and Block II classes Last day for students to stay in residence halls and participate in any campus activities

◆◆◆◆NOVEMBER 2020◆◆◆◆

**FINAL EXAMINATIONS WILL BE ADMINISTERED ONLINE
(NOVEMBER 3-9)**

2	Monday	Reading and Instructional Day
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3	Tuesday	National Election Day (College will be open)
3-9	Tuesday-Monday	Final Online Examination Period Final examination portals will be open
6	Friday	Virtual Open House
9	Monday	Final Examination portals close at 5:00 p.m.
16	Monday	Final grades are due for full semester, Block II, and MBA cohort classes by 5:00 p.m.
17-20	Tuesday- Friday	Faculty Development and Assessment Activities

◆◆◆◆WINTER MINIMESTER 2020◆◆◆◆

(ONLINE CLASSES ONLY)

◆◆◆◆November 2020◆◆◆◆

23	Monday	Winter Minimester Online classes begin MBA Winter Minimester Online classes begin
24	Tuesday	Last day to register for a Winter Minimester Online Last day to add a class for the Winter Minimester Last day to drop a Winter Minimester class without the WC designation
23-24	Monday –	Faculty Development and Assessment Activities
25-27	Wednesday-Friday	Thanksgiving Holiday (College is closed)
30	Monday	College reopens
30	Monday	Faculty Development and Assessment Activities Attendance Verification Deadline -5:00 p.m. Students will be dropped from any classes they have not attended and financial aid will be adjusted appropriately

◆◆◆◆December 2020◆◆◆◆

1-4	Tuesday-Friday	Faculty Development and Assessment Activities
7 – 11	Monday – Friday	Faculty Development and Assessment Activities
11	Friday	Faculty Clearance Day

18	Friday	Last day to drop a minimester class and receive the WC designation
24-25	Thur-Fri	No Winter Minimester classes
28	Tuesday	Winter Minimester Online Classes end
29	Tuesday	Final Examinations (online)
31	Thursday	Winter Minimester grades are due by 5:00 p.m. MBA Minimester grades are due by 5:00 p.m.

NOTE: The MBA Program will follow this Academic Calendar for 2020-2021.

**Holiday period begins at the end of business hours on
December 18, 2020 and ends on
January 4, 2021 for administrators and staff.**

**◆◆◆◆SPRING SEMESTER 2021◆◆◆◆
Academic Calendar will be Posted Online**

INTRODUCTION

A BRIEF HISTORY OF BENEDICT COLLEGE

The history of Benedict College is an extraordinary story of ordinary people using their gifts to write an epic story of faith, strength, courage, leadership, service, and relentless perseverance that reflect the best traditions in African American history. In 2020, Benedict College celebrates 150 years of pushing boundaries, guiding passions, and lifting voices.

When the void in educational opportunities for recently freed African Americans in Columbia, South Carolina, needed to be filled, it was a woman, Bathsheba A. Benedict, who stepped up, led the way, and founded Benedict College in 1870. An anti-slavery activist, Bathsheba Benedict, of the American Baptist Home Mission Society purchased an eighty-acre abandoned plantation on the outskirts of the city to serve as a school for freed people. A year earlier, the Freedmen's Bureau had funded the building of the Howard School, Columbia's only public school for African Americans, but Bathsheba Benedict opened Benedict Institute to train the next generation of teachers and preachers in South Carolina. She believed that the education of the mind and the nurturing of the spirit were the greatest tools for a successful life. The Mather School, founded in 1867 in Port Royal in Beaufort County by Rachel Crane Mather, a northern teacher associated with the American Baptist Missionary Association, merged with Benedict College in 1968. The school was founded to teach newly freed slave children. The curriculum consisted of reading, writing, the Bible, English and domestic arts. Later Mather became a boarding school for girls.

Benedict Institute on December 5, 1870, set out from humble beginnings in a dilapidated slave master's mansion to prepare men and women to be "powers for good in society." Tuition and room rent were free. During the first quarter century of its existence, Benedict Institute's educational program addressed the severely limited economic and social conditions of the African American population in the South. The Institute's original objective, therefore, was to train teachers and preachers, and its first curriculum included reading, writing, spelling, arithmetic, and religion. Later, the curriculum was expanded to include the traditional college disciplines and an industrial department offering carpentry, shoemaking, printing, and painting. On November 2, 1894, the institution was chartered as a liberal arts college. Currently, Benedict College is a private co-educational liberal arts institution with over 2,000 students enrolled in its 25 baccalaureatedegree programs.

During the first quarter century of its existence, Benedict Institute directed its educational programs to the severely limited economic and social conditions of the black population in the South. The Institute's original objective was to educate and train teachers and preachers, therefore, Benedict's first curriculum included reading, writing, spelling, arithmetic, and religion. Later, the curriculum was expanded to include traditional college disciplines, which also included an industrial department offering carpentry, shoemaking, printing, and painting.

On November 2, 1894, the South Carolina Legislature chartered the institution as a liberal arts college and the name "Benedict Institute" was formally changed to "Benedict College." From its founding, Benedict College was led by a succession of northern white Baptist ministers and educators. However, the year 1930 signaled the succession of African American male presidents that continued until June 30, 2017, when Dr. Roslyn Clark Artis was unanimously appointed by the Benedict College Board of Trustees as the 14th President of Benedict College. She is the fourteenth and first-female President in the 149-year history of the college.

Benedict College has been highly regarded and exceptionally ranked for its programs by several academic and traditional publications. For example, Benedict College was ranked as one of the top baccalaureate colleges in the nation by Washington Monthly magazine for creating social mobility, producing cutting-edge scholarship, and research.

Benedict offers several high-demand fields of study in cybersecurity, mass communication, sport management, business administration, engineering, computer science, biology, psychology, and education. Benedict has a diverse faculty of which 70 percent are full-time, and 60 percent hold doctorates or the equivalent.

Over the past ten years, three out of five Benedict College graduates attended professional or graduate schools. There are over 18,000 proud Benedict Tigers throughout the nation. Benedict College has been a community leader for over 150 years and is a significant contributor to the region and South Carolina, with a local and annual economic impact of over \$130 million.

Going against trends, Benedict College has enrolled 50% male students while maintaining an equal female population. This Midlands HBCU welcomes students from all 46 counties in South Carolina, 30 states across America, and 26 countries across the world. The College made front-

page news in the spring of 2018 when it became the first South Carolina college to lower its tuition by 26 percent. Cutting tuition drew praise from the Commission on Higher Education, South Carolina's education oversight body. The commissioner noted the move that Benedict College has made should be applauded because it offers students more access to higher education and affordability.

In March 2018, Benedict College hosted South Carolina HBCU presidents, in collaboration with the White House Initiative on HBCUs and UNCF with the goal to change the narrative on the impact of historically black colleges and universities (HBCUs). Columbia Mayor Steve Benjamin, a member of the Benedict College Board of Trustees, joined the 8 South Carolina HBCU presidents in examining a recently released landmark study commissioned by UNCF, HBCUs Make America Strong: The Positive Economic Impact of Historically Black Colleges and Universities. The report demonstrates that Benedict College is a valuable economic engine in the community, generating substantial financial returns year after year, contributing \$130 million and 1,218 jobs in total economic impact. A Benedict graduate working full-time throughout his or her working life can expect to earn \$1.1 million in additional income because of their Benedict College degree.

Whatever era there has been, whatever challenges that have existed, and whatever milestones that have been achieved, Benedict College has stood tall for more than 150 years and answered the questions, met the challenges, and sent more than 18,000 of her graduates back to their families, back into their communities, across the nation, and around the world to be transformative agents in the places, where "the golden sunshine falls."

Benedict College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award baccalaureate and masters degrees. Contact the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Benedict College.

Five of the College's degree programs hold national accreditation: The School of Education, Social Work, Environmental Health Science, Art, and the Tyrone Adam Burroughs School of Business and Entrepreneurship.

PRESIDENTS OF BENEDICT COLLEGE

Timothy L. Dodge, D.D.	1871-1876
Lewis Colby, D.D.	1876-1879
E. J. Goodspeed, D.D.	1879-1882
Charles E. Becker, D.D.	1882-1895
Abraham C. Osborn, D.D., L.L.D.	1895-1911
Byron W. Valentine, A. M.	1911-1921
Clarence B. Antisdell, D.D., L.L.D.	1921-1930
John J. Starks, A.B., A.M., D.D., L.L.D.	1930-1944
John A. Bacoats, A.B., A.M., B.D., D.D., L.L.D.	1944-1965
Benjamin F. Payton, B.A., B.D., M.A., Ph.D.	1967-1972
Henry Ponder, B.S., M.S., Ph.D.	1973-1984
Marshall C. Grigsby, B.A., Th.M., D.Mn.	1985-1993
David H. Swinton, B.A., M.A., Ph.D.	1994-2017
Roslyn Clark Artis, B.A., J.D., Ed.D.	2017-Present

ACTING/INTERIM PRESIDENTS OF BENEDICT COLLEGE

T. J. Hanberry, A.B., M.S., Ped.D.	1965-1967
Luns C. Richardson, A.B., M.A., Ped.D.	1972-1973
Betty S. Shearin, B.S.	1984-1985
Ruby W. Watts, B.A., M.A., Ph.D.	1993-1994
Ruby W. Watts, B.A., MA, Ph.D.	2017-2017

ACCREDITATIONS

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Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call 404-679-4500 for questions about the accreditation of Benedict College.

The School of Education is accredited by the Council for the Accreditation of Educator Preparation (CAEP), This accreditation covers initial teacher preparation programs at Benedict College.

The Social Work program is accredited by the Council on Social Work Education (CSWE).

The Environmental Health Science Program is accredited by the National Environmental Health Science and Protection Accreditation Council (EHAC).

The Art Program is accredited by the National Association of Schools of Art and Design (NASAD).

The Tyrone Adam Burroughs School of Business and Entrepreneurship is accredited by the Accrediation Council for Business Schools and Programs (ACBSP).

Documents describing accreditation may be reviewed upon request in the President's Office or the Office of Academic Affairs.

MEMBERSHIPS AND AFFILIATIONS

American Council on Education

Columbia Chamber of Commerce

Council of Independent Colleges

National Association of Independent Colleges and Universities (NAICU)

South Carolina Independent Colleges and Universities

Southern Association of Colleges and Schools (COC)

South Carolina Chamber of Commerce

The Forum on Education Abroad

CAMPUS

Benedict College is in the heart of Columbia, South Carolina, the State's capital city. The campus occupies approximately one hundred acres of land. Additionally, the College's land occupation expands to nearly 244 acres when all residential and life complexes and lots are included. Approximately twenty acres lie within an area bordered by Taylor, Harden, Laurel and Oak Streets and is referred to as the "Main Campus." A ten-acre area of College facilities is located east of Oak Street, bordered by Taylor, Oak, and Richland Streets, as well as Two Notch Road. A new athletic complex has been constructed on approximately sixty acres of land on Two Notch Road. The ten-acre area and the sixty-acre site are referred to as the "East Campus." Presently, there are more than forty buildings on the combined campuses. Five categories of building usage on the main and extended campuses enable the College to operate programs and activities designed to achieve its mission of teaching, research, and service. The categories of usage are as follows: academic and research (22), administrative and service (17), residential, (8), athletics and student support (14), maintenance (1), residential rental property (21), filled and vacant lots (54).



ADMINISTRATION, FACULTY, AND STAFF

Benedict College is governed by a self-perpetuating Board of Trustees. The Board makes a conscious effort to be as representative as possible and includes among its members qualified individuals representing higher education, the church, business and community leaders, and student, faculty, and alumni members. The Board is assisted in its work by several standing committees.

The President of the College is the Chief Executive Officer of the College. He/she is appointed by the Board of Trustees and is charged with the day-to-day operation of the College. In carrying out his/her duties, the President is assisted by these principal administrators: the Chief of Staff; the Vice President for Academic Affairs; the Vice President for Business and Finance; the Vice President for Institutional Advancement; the Vice President for Student Affairs; the Vice President for Enrollment Management and the Athletics Director.

Faculty members are appointed to one of nine academic departments (plus the Military Science Program) as well as to certain administrative or non-teaching positions. They are further classified by rank and may earn tenure after satisfying certain conditions of service and upon recommendation by the President and approval by the Board of Trustees. Most faculty appointments are for an academic year.

Non-teaching staff members serve in professional, clerical, or technical positions and are usually appointed for a period of nine to twelve months.

ADMISSIONS POLICY

BENEDICT COLLEGE gives serious consideration to every applicant who is committed to taking full advantage of the opportunity it provides him/her to obtain a college education. The College makes its educational opportunities available to all such applicants interested in participating in its programs. However, each applicant must provide evidence of a reasonable probability of success in college before he/she can be admitted as a regular student. The College reserves the right to deny admission to any applicant it judges unlikely to benefit from its programs.

ADMISSION TO THE COLLEGE

Applicants may gain admission to the freshman class by meeting the following requirements:

1. Hold a diploma from a high school that is accredited by a state or regional accrediting agency or its equivalent (GED). The College recommends that students earn units from the college preparatory track.
2. Earn at least a 2.0 cumulative grade point average on a 4.0 scale in high school and meet one of the following requirements:
3. Earn 850 on the SAT (combination of critical reading and math), or
4. Earn 17 composite on the ACT, or
5. Possess a General Education Development Examination (GED) State Certificate.

Students who do not meet the requirements for admission to the college will be admitted in the Summer Bridge Program.

The College will also determine the admissions status of students based upon case-by-case evaluation of their potential to succeed in college.

SUMMER BRIDGE ADMISSION

Summer Bridge admission is considered for applicants who demonstrate potential for college success and may be granted to applicants who do not meet preferred minimum grade point average requirements, SAT or ACT score requirements.

Applicants who fail to meet our admissions standards may, as a result of a review be admitted to the Summer Bridge Program (takes place during Summer School Session, typically in July). These students must pass 6 credit hours of courses determined by the College with a minimum passing grade of C. Students who successfully complete the Summer Bridge Program will be allowed to continue in the fall term. Students who do not successfully complete the Summer Bridge Program will be counseled to explore other post-secondary opportunities, including those offered by other colleges.

The cost for the program is full tuition (summer) plus the required study materials. Housing will also be available at our standard housing rate. A

student must apply for financial aid to assist in paying for the program by filling out a FAFSA application.

The College will also determine the admissions status of students based upon case-by-case evaluation of their potential to succeed in college.

METHODS TO EARN COLLEGE CREDITS

Prior Learning Experiences

Benedict College recognizes that students may acquire knowledge equivalent to that obtained through completion of courses through their professional experience or other methods of instruction. Prior knowledge may be demonstrated in three ways: (1) standardized examinations administered by nationally recognized external testing organizations; (2) assessments for direct credit administered by recognized educational agencies; and (3) portfolio assessment conducted by Benedict College faculty. Prior learning assessment is a student-centered process for awarding students college credit for demonstrated knowledge and is administered through the office of the Registrar and Student Records in coordination with the office of Extended Learning Services.

Eligibility: To earn credit for prior learning, a student must be enrolled and registered in the undergraduate program at Benedict College.

Application of Credit: Credit for prior learning shall be applied to degree or program requirements in the same manner as credits earned through the completion of the equivalent courses at Benedict College. Credit will be counted only once for the same course. A maximum of 25% of credits required for a degree program will be considered for acceptance.

Residency: Credits for demonstrated knowledge earned through any prior learning method do not fulfill Benedict College residency requirements.

Grading and Transcribing: Credit awarded by prior learning assessment shall receive a neutral designation of "AP" for Advancement Placement in cases where the score is 3 or higher on a 5 point scale; "PL" for prior learning credits transferred by cognized educational agencies in cases where the score is 70 or higher on a 100 point scale or a grade of "C" or higher; and "PO" in cases of faculty-approved portfolio assessment. Conventional letter grades will not be used. The transcript will not indicate an unsuccessful attempt to earn credit for prior learning. Grades for prior learning are not transferable to a Benedict College transcript.

Credit for prior learning can be earned through standardized tests administered by nationally recognized testing organizations. The following standardized tests are currently accepted.

- Advanced Placement (AP) examinations;
- College Level Examination Program (CLEP);

- DANTES Subject Standardized Tests (DSST);
- International Baccalaureate (IB) examinations and other accepted standardized testing.

Course equivalencies for the standardized tests are determined by academic unit that offers the course and approved by the vice president for academic affairs. Courses available for credit by standard examination, along with the required score to earn credit, are listed on the Prior Learning Assessment web site.

Policies for PLA Awarded by External Standardized Examination

Credit for prior learning can be earned through standardized tests administered by nationally recognized testing organizations as follows:

- Advanced Placement (AP) examinations;
- College Level Examination Program (CLEP);
- DANTES Subject Standardized Tests (DSST);
- Excelsior College Credit by Examinations (ECE); and
- International Baccalaureate (IB) examinations and other accepted standardized testing.

Course equivalencies for the standardized tests are determined by academic unit that offers the course.

Policies for PLA Awarded by Internally Administered Examinations

Credit for prior learning can be awarded through examinations created and administered by academic units that offer the course. The examination is constructed to allow the student to demonstrate mastery of the learning outcomes of the course. Students may repeat an examination one time. No exam may be repeated before 30 business days have passed. If a department offers credit by examination, no eligible student can be refused the opportunity to take the exam for course credit.

Policies for PLA Awarded by Portfolio Assessment

Credit for prior learning can be awarded through a portfolio assessment process managed by an academic department at Benedict College or through submission of a portfolio to the Council of Adult and Experiential Learning's (CAEL) learningcounts.org portfolio analysis process.

Whether internal or external, prior learning assessment by portfolio assessment will follow a course-equivalency credit model. Students demonstrate college-level learning by submitting a portfolio consisting of an organized collection of evidence that demonstrates mastery of the learning outcomes of a specific course offered at Benedict College.

Internal Portfolio Analysis

To submit a portfolio for assessment, students must contact the department

offering the course. and follow the schedule established by the department. Once the examination is completed, the department will notify the student of the results within thirty days. Notification will simply indicate whether credit has been awarded. The portfolio will be returned unmarked.

Courses eligible for credit by internal portfolio assessment are determined by the department that offers the course and are posted to the PLA website.

Students may submit a portfolio for assessment at most two times for a given course. The second portfolio cannot be submitted within 30 business days of notification of the outcome of the initial submission.

If a program offers credit by portfolio assessment, no eligible student can be refused the opportunity to submit a portfolio assessed for course credit.

All portfolio assessments will be completed by discipline-appropriate faculty trained in assessing portfolios for credit. Departments offering prior learning assessment by portfolio will establish rubrics to guide faculty assessment and scoring. Fees for portfolio assessments will be applied as determined by the College, if applicable.

External Portfolio Analysis

Benedict College will work with students through external evaluations through the Council for Adult and Experiential Learning's and learningcounts.org. using the nationally recognized process for prior learning assessment: To have a portfolio considered for credit by prior learning, the student will submit a copy of the portfolio to the appropriate Benedict College department chair and submit the original along with the payment to the external assessment organization. Upon notification, the registrar will post approved credit on the student's transcript.

Military Credit

A student may also earn credit through military training following the American Council on Education (ACE) credit recommendations.

CREDIT BY EXAMINATION

Benedict College awards course credit to eligible students for acceptable scores made on the College Board Advanced Placement (AP) Standardized Tests, the International Baccalaureate (IB) Program, the College Level Examination Program (CLEP) Standardized Tests, and the DANES Program Subject Standardized Tests. Credit by examination must be established and awarded within the first two semesters the student is enrolled at the College and must be approved by the department chair and dean.

College Board Advanced Placement (AP)

Students may receive credit for scores on Advanced Placement Standardized Tests used to assess AP courses taken in high school. Entering freshmen may be awarded credit for Advance Placement courses in which they score 3 or higher. Official Advanced Placement Standardized Test scores must be reported directly to the Registrar's Office. A listing of these examinations, courses and acceptable scores is available in the Registrar's Office.

International Baccalaureate (IB) Credit

Benedict College awards credits from entering freshmen enrolled in IB programs who score 4 or higher on their IB Higher Level examinations as determined by their academic departments.

The courses for which IB and AP credits may be considered include, but are not limited to, the following:

Biology	Chemistry	Economics	English
French	History	Mathematics	Music
Physics	Psychology	Spanish	Art

College Level Examination Program (CLEP)

Benedict College awards credit for certain measurable life experiences and independent study, as measured on the CLEP Examination. The College accepts scores only on the skilled examinations for which there are corresponding courses at Benedict College. A listing of these examinations, courses and acceptable scores is available in the Office of the Registrar.

DANTES Program (Subject Standardized Test)

Benedict College awards credit for certain measurable life experiences and independent study, as measured by the DANTES Subject Standardized Tests. The College accepts scores only on the subject examinations for which there are corresponding courses at Benedict College. A listing of these examinations, courses and acceptable scores is available in the Office of the Registrar and Student Records.

A student may earn up to a total of 15 semester credit hours through CLEP and DANTES examinations.

Dual Enrollment for High School Students

Students enrolled in college courses while at a regionally accredited high school may enroll as a freshman student. Students must provide an official

academic transcript from both institutions (high school and college). Students may receive college credits for these courses provided they are not remedial, and students receive grades of "C" or better.

TRANSFER STUDENTS

Applicants who have satisfactorily completed courses at a regionally accredited institution may be admitted to regular status under the following conditions:

1. Students who have completed an A.A. or A.S. degree program from a member school in the South Carolina College and Universities (SCICU) system and the South Carolina Technical College System (SCTCS) with a liberal arts background at a regionally accredited institution may transfer up to Benedict College and have satisfied the College's General Education requirements of 37-39 semester credit hours. Additionally, students may transfer the number of approved credit hours for elective credit as approved by the appropriate department chair and dean. College credits will not be allowed for remedial courses or courses of secondary school level.
2. Students who complete the A.A or A.S. degrees from other regionally accredited colleges will transfer the number of credit hours that satisfy the College's General Education program. the hours that can apply to courses in the desired major, and the requisite number of elective credits prescribed in the major.
3. The transfer applicant must be eligible to return to the college or university last attended and must be in good standing with the last institution attended. The transfer applicant will be considered for admission upon presentation of an official college transcript from all colleges attended by the student. Transfer students with fewer than 30 semester credit hours must meet the requirements specified for New Freshmen. At least 25% of semester credit hours counted toward graduation must be earned through instruction at Benedict College.
4. Credit will be given for transfer work in which the student received a grade of C or above. All transfer credits are subject to validation by the department chair, dean, and in some cases approval of the vice president for academic affairs. These credits must have been earned within the last 10 years prior to the date of transfer. Transfer credits more than 10 years old are subject to validation by the department chair and school dean, with approval of the vice president for academic affairs. College credit will not be allowed for remedial courses or courses of secondary school level. The College reserves the right to deny advanced standing based on the transfer student's standing at the institution previously attended.
5. Transfer credit may be awarded for upper division courses taken at

two-year colleges provided the content satisfies the Student Learning Outcomes (SLOs) at Benedict College as validated by the chair and dean of the department and school offering the course. These courses are subject to a course by course evaluation.

6. Benedict College's academic program is offered through semester credit hours; therefore, all quarter hours transferred to the College will be converted to semester credit hours at 2/3 the value (.66%) of the quarter hours. As a result, 4.5 quarter hours will be equivalent to 3.0 semester credit hours.
7. Benedict College will review requests by students to transfer credits from a non-accredited institution on a case-by case basis to ensure the integrity of our academic programs and to ensure that student learning outcomes are satisfied at the level required at the College. An important part of the validation of these credits is that an institution's loss or lack of regional accreditation will not prohibit the transfer of credits as long as the accreditation issue is NOT related to student learning, curriculum or faculty.

The amount of credit that Benedict College will allow for work done at another four-year college or university within a given period of time may not exceed the normal amount of credit that could have been earned at Benedict College during that time. Transfer students must also meet these requirements:

1. At least 25% of semester credit hours required in the major must be taken at Benedict College. At least half of the courses in the major must also be taken at Benedict College. In addition to the courses that satisfy the General Education program and other courses required in the major, students may transfer the number of approved credit hours for elective credit as approved by the appropriate department chair and dean.
2. Additionally, students may transfer the number of approved credit hours for elective credit as approved by the appropriate department chair and dean.
3. At least half of the courses in the major must be taken at Benedict College.

ARTICULATION AGREEMENTS:

Information regarding these agreements is available in the Office of the Registrar.

Aiken Technical
College
Aiken, South

Carolina
Central Carolina Technical
College

Sumter, South Carolina	Orangeburg-Calhoun Technical College
Denmark Technical College	Orangeburg, South Carolina
Denmark, South Carolina	Piedmont Technical College
Florence-Darlington Technical College	Greenwood, South Carolina
Florence, South Carolina	Spartanburg Technical College
Greenville Technical College	Spartanburg, South Carolina
Greenville, South Carolina	Technical College of the Low-Country
Horry-Georgetown Technical College	Beaufort, South Carolina
Conway, South Carolina	Trident Technical College
Midlands Technical College	Charleston, South Carolina
Columbia, South Carolina	TriCounty Technical College
Northeastern Technical College	Pendleton, South Carolina
Cheraw, South Carolina	Williamsburg Technical College
	Williamsburg, South Carolina
	York Technical College
	Rock Hill, South Carolina

Policies and Procedures for Consortia Courses

Benedict College is a member of several collegiate consortia through which cross institutional enrollment in online courses is permitted up to six (6) semester credit hours per academic term. These courses are labeled "Consortial Courses" and are denoted for student enrollment purposes with "CC" in place of course section numbers. Each course requires approval from the Vice President of Academic Affairs, Director of Specialized Programming, deans, and department chairs based on their review of information such as course descriptions, course credit hours and level, syllabi, current or projected course availability at Benedict College, and faculty credentials.

Upon completion of each CC course, the registrar of the teaching institution submits the final grade in the CC portal. Benedict's Office of the Registrar and Student Records then posts the final grade on the student's Benedict College transcript. This practice makes it possible for: (1) Benedict College to apply financial aid to cover the cost of the courses; (2) Students to improve GPAs by substituting consortial course grades for Ds, Fs, or Ws; and (3) Full-time students to count the courses towards degree progression.

Previously posted final grades will remain on the Benedict transcript, however, the CC grades will be counted in the Benedict College GPA and the credits hours will also be counted in the “attempted” and “earned” categories for Satisfactory Academic Progress calculations. CC courses are not considered transient or transfer courses. Benedict College will not intervene in grade disputes in cases where a Benedict student is dissatisfied with the final grade issued by the teaching institution. Additionally, students are responsible for adhering to course participation and policies of the teaching institution, which includes logging in on the course start date, submitting assignments, securing textbooks and learning materials, and following through on all required actions as stated on the syllabus and by the teaching institution. Course drop dates are determined by the teaching institution and Benedict students must adhere to these dates accordingly. Benedict College will not intervene in disputes regarding course drops, withdrawals, and/or refunds in cases where the student did not correspond with the teaching institution per the deadlines for each CC course.

Consortial Course Enrollment Eligibility

Students must:

1. Be enrolled full-time at Benedict College during the academic term in which they are seeking to take a CC course (CC courses will be included in determination of full-time status);
2. Be in good academic standing. Students who are on academic probation are NOT eligible to enroll in CC courses;
3. Be at the sophomore level (at least 30 sch earned) at the time of enrollment in a CC course;
4. Be financially cleared at Benedict College in the academic term in which the student seeks to enroll in CC courses.
5. Undergraduates are limited to a total of 60 CC semester credit hours throughout their Benedict College Career. Graduate students may complete no more than 15 CC semester credit hours.

CC Enrollment Actions

Students must request CC enrollment actions (add, drop, withdraw) through the Director of Specialized Programming or their academic department chair or dean.

Communication to Students about Course Requests

After a CC course request is submitted on behalf of the student, the Teaching Institution will send one of two e-mail communications to the student’s school email address:

1. **Denied**, which requires the staff to find another course for the student
2. **Approved**, which gives the student key information about the course start date etc.

Billing Students

Students pay their Home Institution’s tuition rate per credit hour for the CC course; financial aid may be applied to cover CC course cost.

Students who exceed full-time enrollment due to the addition of CC courses will be charged overload tuition and fee rates per the published Benedict College tuition and fee schedule.

Students are responsible for all learning material costs, including textbooks, as determined by the teaching institution. Textbooks for CC courses are **not** included in the Benedict College tuition and fees.

Transcribing Courses

Benedict College will use a “CC” section designation and a course number that is the same as the equivalent Benedict course (e.g., CTS 1328—Introduction to Software Engineering taken at a different institution will be transcribed on the Benedict transcript as CSC 435-CC Introduction to Software Engineering).

Course numbers may vary from the strict Home Institution equivalent, but in all cases approved CC Courses have been determined to promote equivalent learning outcomes.

TRANSIENT STUDENTS

Transient students are required to submit a separate application for the academic semester or summer terms. Admission to course(s) for one semester or summer session(s) may be granted to students from other colleges and universities whose courses of study have been approved by their academic deans or registrars. Such students are referred to as “transient students”. “Transient students must present an Academic Course Approval letter or form from the attending institution indicating approval to take the course(s) listed. The students are responsible for requesting their transcripts from Benedict College to be forwarded to their respective institutions.

INTERNATIONAL STUDENTS (FRESHMEN)

Benedict College feels that cultural exchange is mutually beneficial. Therefore, the enrollment of students from other countries is encouraged. International applicants must demonstrate sufficient proficiency in English by taking the SAT (English-speaking countries) or TOEFL (non-English-speaking countries). The international student may be admitted by submitting the following documents to the Office of International Programs:

- A completed OIP on-line admission application.
 - A \$60.00 non-refundable application fee.
 - Personal statement (300-word essay in English)
 - Test scores (Country’s Examination Scores, SAT and/or TOEFL);
 - Official high school transcript.
 - Affidavit of support from sponsor and/or financial statement from sponsor.
 - Two passport photos, and
- A copy of passport
 - All documents must be submitted by the application deadline (no later than May 1st for consideration for the fall semester or November 1st for the spring semester). However, applications are accepted on a space available basis through the end of registration for the semester in which the student wishes to enroll.

In addition to the admission requirements applicable to all native students, an international student must also satisfy all requirements as prescribed by the U.S. Immigration and Naturalization Service for approval to study in this country. Applicants from English-speaking countries must meet regular freshman admission requirements.

INTERNATIONAL STUDENTS (TRANSFER)

Students transferring from another college in the United States must meet regular transfer requirements and complete a Student Transfer Information Form. Students transferring from a foreign country’s college must have their transcripts translated into English by certified translators and evaluated by a United States evaluation service (i.e. WES or AACRO).

SPECIAL ADMISSIONS NON-DEGREE APPLICANTS

Non-degree applicants are persons who wish to take selected college courses without the intent of completing a degree program. These are persons who wish to attend college for the purpose of upgrading employment skills, for transferring credits to meet certain certification requirements, or for personal interest and enjoyment. These persons will be listed as non-degree students. They will not be subject to the usual requirements for admission, but they

must hold a high school diploma from a state or regionally accredited agency. Such students may later become candidates for a degree by meeting all entrance requirements, completing a change of status form, and receiving approval from the Office of Admissions and Recruitment. Non-degree students will not be accorded the privilege of participating in intercollegiate athletics or other student activities unless the activity is academically related to the course work for which the student is enrolled. Non-degree students will be subject to the same rules and regulations governing class attendance, conduct and health as regular students.

Admissions

Benedict College endeavors to admit students whose academic records indicate that they possess the qualities needed to achieve success in the academic program they intend to study. Benedict seeks students who are strongly motivated to excel in college, and who are prepared to accept and fulfill collegiate and social responsibility for his/herself future endeavor. Benedict College grants admission to qualified applicants in accordance with the College's non-discrimination policy. An applicant who meets the admission requirements will be granted admissions.

Early Admissions Policy

Admissions and Recruitment will provide prospective students with an early admissions decision. Students may apply at the end of their junior year. Early admissions will be granted the summer of the student's junior year and based on the student's academic record. Students will receive an admissions decision early in the admissions cycle.

READMISSION

Former students who have not enrolled for one or more semesters (summer sessions excluded) must complete and file an application for readmission, which is available in the Office of Admissions and Recruitment. The privilege of requesting readmission does not imply an obligation on the part of the College to grant the request. The College reserves the right to deny readmission, as warranted by policies and circumstances.

Applicants for readmission who have received credit from another college or university during their absence from Benedict College must submit official transcripts of such work to the Office of Admissions and Recruitment and must be eligible to return to the transferring institution before admission consideration will be granted.

APPLICATION PROCEDURES

Prospective students are urged to apply early—no later than May 1st for consideration for the fall semester or November 1st for the spring semester. However, applications are accepted on a space- available basis through the end of registration. The application procedures are as follows:

NEW FRESHMEN AND EARLY ADMISSION APPLICANTS

1. Request an application from the Office of Admissions and Recruitment, Benedict College, 1600 Harden Street, Columbia, SC 29204. Telephone number 1-800-868-6598 or 1-803-705-4910 or apply online at www.Benedict.edu.
2. Return the completed application forms to the Office of Admissions and Recruitment, with a non-refundable application fee of \$25.00 (certified check or money order).
3. Request that the high school principal, guidance counselor, or registrar mail to the College an official transcript through their junior year to include cumulative grade point average, class rank, if applicable, state's examination scores and a listing of enrolled courses during the senior year.
4. Tentative admission will be granted prior to the completion of high school, but it will be subject to the student's receipt of a valid state issued diploma from a state or

regionally accredited high school, or its equivalent (GED). A complete and official transcript of all high school work must be received before admission is final.

5. Request that SAT and/or ACT scores be sent to Benedict College: The Code numbers are SAT (5056) and ACT (3834). Should these tests not be offered at a local high school, contact the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540 for further information on testing dates and sites. Applicants are accepted on a first-come, first-served basis, until the freshman class is full.

TRANSFER STUDENTS

1. Request an application from the Office of Admissions and Recruitment, Benedict College, 1600 Harden Street, Columbia, SC 29204. Telephone number is 1-800- 868-6598 or 1-803-705-4910 or apply online at www.Benedict.edu.
2. Return the completed application form to the Office of Admissions and Recruitment, with the non-refundable application fee of \$25.00 (certified check or money order).
3. Request that official high school and college(s) transcript(s) of academic records be mailed to the Office of Admissions and Recruitment. All transcripts must be received in the Office of Admissions and Recruitment before admissions consideration will be given.

NON-DEGREE STUDENTS

1. Request an application from the Office of Admissions and Recruitment, Benedict College, 1600 Harden Street, Columbia, SC 29204; apply online at www.Benedict.edu or call 1- 800-868-6598 or 1-803-705-4910.
2. Return the completed application to the Office of Admissions and Recruitment, with the non-refundable application fee of \$25.00 (certified check or money order).
3. Request that official high school and college transcripts of academic records be mailed to the office of Admissions and Recruitment.
4. Request that General Education Development Examination (GED) scores be sent directly from the state testing center to the Office of Admissions and Recruitment.

READMITTED STUDENTS

1. Submit to the Office of Admissions and Recruitment a completed application for readmission to the college.
2. Applicants for readmission who have attended another college or university during their absence from Benedict College must submit official transcript(s) of such work to the Office of Admissions and Recruitment Office before consideration will be given.
3. Previously enrolled students are eligible for readmission provided they made satisfactory academic progress while enrolled at the College or were eligible to return to the last college/ university in which they were enrolled. Students who do not meet these conditions may appeal to the Satisfactory Academic Progress Committee Admissions Subcommittee.
4. Previously enrolled students who did not meet Financial Aid Satisfactory Academic Progress (FA SAP) must appeal to the Satisfactory Academic Progress Committee Financial Aid Committee to regain financial aid eligibility.

TRANSIENT STUDENTS

1. Request application from the Office of Admissions and Recruitment, Benedict College, 1600 Harden Street, Columbia, SC 29204. Telephone number is 1-800-868-6598 or 1-803705- 4910, or apply online at www.Benedict.edu.
2. Return the completed application form to the Office of Admissions and Recruitment, with the non-refundable application fee of \$25.00 (certified check or money order).
3. Transient students must present an Academic Course Approval letter or form from the institution that they are attending indicating approval to take course(s) listed.

4. Return completed Consortium Agreement (if applicable) and a copy of an Academic Course Approval form from their home institution to the Office of Student Financial Aid.

SUMMER SCHOOL ADMISSION

New students entering Benedict College for the first time in a summer term and who expect to continue to study toward a degree must submit an application specifying the summer term and meet the requirements for admission.

Notice of Acceptance

The Office of Admissions and Recruitment will notify applicants of action taken on their applications within two weeks after all required credentials have been received for evaluation. A tentative letter of acceptance will be sent to the applicant whose credentials are acceptable for admission or readmission to the College.

Upon receipt of a letter of acceptance, each applicant is required to deposit \$50 (certified check or money order) in the Office of Admissions and Recruitment. This amount is a non-refundable administrative cost. The College cannot guarantee a place in the class for applicants who have not paid the admission fee.

Benedict College reserves the right to reject any applicant when, in the opinion of the Admissions Committee: (1) the student's credentials do not indicate a probability of success; (2) the College does not offer an appropriate curriculum that will satisfy the applicant's proposed professional objective; or (3) the student enrollment capacity of the College has been reached, and it is necessary to impose enrollment limitations. The College also reserves the right to consider factors other than the basic characteristics of academic competence to grant admission.

OFFICE OF INTERNATIONAL PROGRAMS (OIP)

Established in 2001, the OIP functions under the Division of Enrollment Management, and it works closely with faculty and administrators in the development and support of partnerships with institutions abroad.

The Mission of the OIP Is:

1. To expose students, faculty, and staff to the international dimensions of the world.
2. To assist the College in achieving its teaching, research and service mission of geographic, international, and ethnic diversity in its student body;
3. To prepare students for both full and active participation as socially conscious members of society.
4. To prepare students to fully participate in the socially conscious aspects of U.S. society and to continue to move the U.S. closer to global justice through equity for all.

International Admissions

Benedict College is proud of the diversity of its student body. The College has enrolled students from over thirty (30) countries around the world, and it continues to expand its recruitment efforts to include other countries.

Benedict College is authorized by the Bureau of Immigration and Customs Enforcement (ICE), formerly the United States Immigration and Naturalization Service (INS), to admit non-immigrant students into the United States.

When to Apply

Prospective students are urged to apply early—no later than May 1st for consideration for the

fall semester or November 1st for the spring semester. However, applications are accepted on a space- available basis through the end of registration.

Freshman Students

Before applying for admission to Benedict College and before a Certificate of Eligibility for Non- Immigrant Student Status (Form I-20) for student visa can be issued, students seeking admission to the College must have earned a high school diploma or its equivalent. In addition, they must submit to the Office of International Programs (OIP) documents listed below:

1. International Application for Admission.
2. \$60.00 non-refundable application fee (Cannot be waived).
3. Original high school records: high school transcripts and national exit examinations, graduation minutes, or high school diploma.
4. Mid-year high school grades (only for students who have not completed their last year of high school at the time of application).
5. Test scores (Scholastic Aptitude Test (SAT), or American College Testing, (ACT)).
6. Proof of English language proficiency (for students from non-English speaking countries only).
7. Proof of sufficient financial resources.
8. Copy of current, valid, passport.
9. One (1) color passport-size photo.

Upon receipt of all the above documents, the OIP Admissions Committee will review them, and, if they are found to be in order, the student will be notified of a decision within four weeks of receipt of documents.

Incomplete applications will not be considered for admission.

Transfer Students

Students who have completed one (1) year of study at an accredited international institution may apply to BC as transfer students. Except for items 4, 5, and 6 on the Freshman Students section above, the requirements for Transfer Students are the same for students applying under this category. In addition, students must also submit an official copy of all previously attended college transcripts for evaluation.

Transient Students

Non-degree seeking students and Exchange students who wish to enroll in a semester or year of study at the College may apply under this category. On the International Application for Admission, they must check the Transient Student box to apply under this category. Exchange students applying to Benedict under the J-1 Visa Program are eligible to apply under this category.

OIP Programs, Academic Minors, Clubs and Associations

The Study Abroad Program (SAP)

The Summer Cultural Internship for Students (SCIS)

The International Faculty and Staff Exchange Program (IFSEP) The Senior Faculty Research Fellowship (SFRF)

The Distinguished Visitors Series

(DVS) The International Service

Award (ISA)

The Minor in Country Specific International Studies

The Minor in Black Spanish Literature of the Americas

The International Ambassadors Club (IAC)
The International Students Association
(ISA)
The OIP Language Center (OIPLC)
The United Nations Academic Impact (UNAI)

Study Abroad Program

Study Abroad General Requirements:

1. Have a minimum cumulative G.P.A. of 2.5 or better. This G.P.A. requirement may be higher for certain majors.
2. Have a minimum of two (2) semesters of full-time study at Benedict.
3. Be a full-time student in the semester of travel abroad.
4. Participate in a study abroad pre-departure orientation session conducted by the OIP prior to traveling abroad that is designed to prepare students for travel to partnering colleges and universities within the international community.
5. Have a valid passport with expiration date of at least six (6) months beyond the end of the study abroad program duration.
6. Complete the OIP Study Abroad Application Form (SAAF), (online at www.Benedict.edu). [Students under 18 must have SAAF signed by parent(s)/legal guardian(s).]
7. Be in good academic, disciplinary, and judicial standing.
8. Complete all visa processes and requirements.
9. Complete a Study Abroad/Exchange Course Approval Form.
10. Recognize that each student is financially responsible for their airfare, personal-care expenses, international medical insurance, and visa fees.
11. Agree to make at least one (1) presentation to the Benedict community about study-abroad experience upon return.
12. Take the official language of the host country, if the language is other than English. This course can be used to fulfill the College's General Education language requirement.
13. Agree to abide by the rules and regulations of the host institution, including all security protocols.
14. Fill out the OIP Study Abroad Assessment/Evaluation Form (SAAEF) upon return.

NOTE: The OIP does not sponsor travel to countries with Department of State travel alerts.

Study Abroad Application and Deadlines

All students interested in the Benedict College Study Abroad Program must fill out an OIP Application for Study Abroad (ASA). The form can be found online www.Benedict.edu or at the OIP office located at 1624 Oak Street. There are no fees associated with the application. Students must specify the semester they wish to travel and country of interest. The application deadlines are February 15 for the fall semester, and September 15 for the spring semester and summer programs.

Benedict College International Partners

The OIP has signed Memoranda of Understanding (MOU) for exchange of faculty, students, and administrators with the following universities abroad: Universidad Tecnológica del Chocó in Colombia; the University of Ghana in Ghana; Yibin University in China; the University of Zululand in Kwa-Zulu Natal, South Africa; Al Akhawayn University in Morocco; Universidade

de Fortaleza in Brazil; Yalova University in Turkey; Universidad del Pacifico in Colombia; Universidad de la Guajira in Colombia; Kaduna State University in Nigeria; The African Methodist Episcopal University in Monrovia, Liberia, Ghana Technology University College in Ghana, Bicol University in Philippines and Bhagat University and G.H.G. Khalsa College in Punjab, India. For specific information about any of the above programs, please contact the OIP.

Study Abroad Tuition, Room and Board

Parity Exchange Programs (PEPS)

Parity Exchange Programs (**PEPS**) are designed to give Benedict College students the opportunity to study in colleges and universities where Benedict has an active Parity Exchange Program. Under these exchanges, the tuition, room and board at Benedict covers tuition, room and board at the international institution, and the student is responsible for passport, visa fees, international airfare, and personal expenses.

Non-Parity Exchange Programs (Non-PEPs) are designed to give BC students the opportunity to study in college and university settings where Benedict does not have an active Parity Exchange Program (PEP). The cost of the NPEPs is based on the international university cost for providing room and board, and books to Benedict students while they are in the international host country. Unlike the PEPs, where no funds are transferred between BC and the international institutions, under NPEPs, Benedict will have to transfer funds from the students account to the international host institution.

Before departing for a semester of study abroad, students must notify their Benedict College Housing Directors about their travel plans to secure housing facilities upon return.

Study Abroad Course Selection, Approval, and Registration Process

Step 1. Students must fill out a Study Abroad Application Form.

Step 2. Students must obtain a Study Abroad Course Approval Form (SACAF), available at www.Benedict.edu. or at the OIP.

Step 3. Students must plan and select their courses in consultation with their academic advisors, the Chair, the Dean, and the OIP Director.

Step 4. Upon selection of courses, the SACAF must be signed by the student, the student's advisor, the School Dean, the Director of Financial Aid, the Director of Student Account, the Director of International Programs and the Director of the Office of the Registrars. The original SACAF remains with the Office of the Registrar and Student Records for course registration, and a copy remains at the OIP. All courses selected must conform to the student's program of study and must be taken for academic credit transferable to Benedict College.

Step 5. Complete OIP sponsored pre-departure orientation session.

The OIP does not sponsor travel to countries with Department of State travel alerts. Students must go to www.travel.state.gov to view countries with travel alerts.

Note: Students who complete a semester of full-time study abroad (minimum 12 credit hours) will graduate with a Country Specific Minor in International Studies.

Study Abroad Course Load

An international full academic exchange semester/year program should consist of a minimum of twelve (12) and a maximum of **fifteen (15)** academic credits per semester. Shorter terms are offered for specific programs, such as language, summer, and cultural programs.

Grade Transferring and Recording

In cases where the host institution's mid-term schedule does not coincide with those of Benedict College, immediately upon semester completion, the host institution will forward the students' official final grades to the Office of the Registrar and Student Records for final recording in the students' transcripts.

Note: *It is the student's responsibility to ensure that the host institution forwards the transcripts to the Registrar's Office at Benedict College. Students are also advised to bring original transcripts upon their return to the College. The transcripts must be in a sealed envelope and must bear the signature of the respective host institution authority on the back flap of the sealed envelope.*

Documents Required for Study Abroad Travel

Letter of Admission from the International Host Institution

Upon selection and approval of courses, the OIP will send the host institution abroad the biographical information of the student and the course selection information to request a letter of admission that will be used to satisfy one of the visa requirements. The letter of admission must indicate that costs for room and board, local transportation, and tuition are covered by the International Exchange Agreement. In some countries, additional forms must accompany the letter of admission. In China, for example, a JW202 form signed by the Regional Minister of Education must accompany the admissions letter for visa purposes. The OIP will request the additional forms from the host institution when required.

General Assumption of Risk Form (GARF)

All students must read and sign the GARF before traveling abroad. The form can be found online at www.Benedict.edu or at the OIP. The student will receive a copy of the form, and a copy will be kept at the OIP. If the student is a minor, this form must be read and signed by the student's parent(s)/legal guardian(s).

Passport

Students must present a copy of their valid passport before traveling abroad. Passports must be valid for at least six (6) months beyond the end of the exchange.

Visa

Some countries require that students obtain a visa from the U.S. Consular Office of that country. Students must consult with the OIP for countries requiring a visa, or they can visit www.travel.state.gov.

Medical Insurance

The Department of State (DOS) requires that all study abroad students obtain full medical coverage for the entire duration of their study abroad period, and there are NO exemptions to this rule. The policy must include worldwide 24/7 medical and emergency care, including the cost of security evacuation, and repatriation. The DOS maintains a list of travel insurance companies to choose from. For more information, you can visit: <https://travel.state.gov/content/travel/en/international-travel/before-you-go/your-health-abroad.html>.

Financial Aid

Financial Aid to support study abroad is available for those who qualify. Students must consult with the Office of Financial Aid and Scholarships for more information. It is the responsibility of traveling students to check with the Office of Student Accounts for term bills and the Office of Financial Aid and Scholarships for financial aid application deadlines for the next academic semester/year.

Study Abroad Assessment/Evaluation Form (SAAEF)

Upon return from the host country, students will be asked to fill out an SAAEF describing their semester abroad experience. The comments can be shared with prospective study abroad students and can be used for assessing and improving the Study Abroad Program.

Foreign Students Attending Benedict College Under the J-1 Exchange Visitors Program

The selection process of students coming to the U.S. to participate in the J-1 exchange program at Benedict is conducted by the foreign institution. Foreign Students must fill out a Benedict College Foreign Student Exchange Application (FSEA), available online at www.Benedict.edu. A personal statement stating the reason for choosing Benedict as their study abroad destination, a copy of their passport, and their original transcripts are also required. The documents must be sent to the OIP for review and admission. The FSEA includes the courses selected by the student in conjunction with their foreign advisors which will transfer to the student's program of study at the home institution. Once the student is admitted at BC, the OIP will issue an I-20 or a DS 2019 form for visa purposes. Foreign students must register as full-time students at Benedict and must take a full course load (minimum 12 credits) and are entitled to room and board and to enjoy the same privileges as Benedict students.

The Summer Cultural Internship for Students (SCIS)

The OIP has partnered with some international organizations for student internships and cultural programs. The internships can be for a period of one week to three months and can be tailored to suit the academic and cultural interests of the participant. More information about the SCIS is available at: www.Benedict.edu,

NOTE: *Benedict College students who travel internationally during the Academic year or who travel in an official capacity for the College must do so through the OIP. OIP Handbooks are available online at www.Benedict.edu or at the OIP.*

The International Faculty and Staff Exchange Program (IFSEP)

This program allows for the exchange of faculty and administrators under J-1 visa sponsorship. Faculty interested in the exchange must send a letter of interest specifying which project they will be conducting at the host institution. The project must have the approval of the respective school's Dean, the OIP Director, and/or OIP Committee. In addition, participants in the IFSEP must follow guidelines and procedures for exchanges as specified on the OIP website.

The Senior Research Faculty Fellowship (SRFF)

The OIP offers Benedict College faculty and staff the opportunity to interact with foreign counterparts in the exchange of knowledge, training, and culture. To qualify for the SRFF interested participants must:

1. [Fill out an SRFF Form \(available online at \[www.Benedict.edu\]\(http://www.Benedict.edu\)\).](#)
2. Present a proposal in their area of interest to the OIP. The proposal must specify the research or project to be conducted at the institution abroad, and must be approved by the respective School Dean, the OIP Committee, and the OIP Director.
3. Present one (1) letter of recommendation.
4. Obtain the appropriate visa, when required.
5. Obtain medical coverage as required by the Department of State
6. Attend all pre-departure orientation sessions.
7. Agree to abide by the rules and regulations of the host country, including following all security protocols.
8. Agree to make at least two (2) presentations at Benedict College upon return.
9. Agree to write a research paper to be submitted for publication.
10. Fill out an Assessment Form upon return.

The Distinguished Visitors Series (DVS)

The purpose of this program is to offer the Benedict College community the opportunity to share the exchange of social, cultural, political, educational, and community knowledge with world leaders, celebrities, scholars, researchers, grassroots leaders, community organizers, and students. Benedict faculty, students, and administrators are encouraged to share with the OIP their interest in inviting to the campus a distinguished visitor.

The International Service Award (ISA) Scholarship

This scholarship is offered to foreign high school graduates who have demonstrated

community involvement within their local and/or international communities. To qualify for the ISA, a student must:

1. Follow international admission procedures as specified in this catalogue
2. Have a High School Diploma, or its equivalent
3. Have a GPA of 3.2 or better
4. Obtain 1 or 2 letters showing participation in local or international community-related activities in their home country.
5. Be a citizen of another country
6. Participate in two (2) international-related activities per month at Benedict College
7. Participate in other activities as required by the OIP
8. Agree to become a member of the International Students Association (ISA)
9. Work two (2) hours per week at the Office of International Programs

Other Scholarships for Study Abroad Available to United States Citizens Abroad

Following is a partial list of institutions that offer scholarships for study abroad:

The Benjamin A. Gilman Scholarship

www.iie.org/gilman

The Fulbright Scholarship www.fulbright.org

The United Negro College Fund www.uncf.org

The Boren Awards for International Study www.borenawards.org

The Ambassadorial Rotary Scholarships www.rotary.org (Does not require US Citizenship)

The Minor in Country Specific International Studies

This minor provides students with the opportunity to study the history, literature, culture, religion, language, and political economy of national people from within the country itself. Thus, not only do the students receive a formal education about the host country, but they also experience unfiltered insights to the country and people as they live. In addition, students expand their comparative knowledge of the United States and its people. Finally, students gain an opportunity to continue their own maturation and moral development from a perspective that provides actual rather than vicarious knowledge into the hopes and dreams, fears and anxieties of their world counterparts.

All students who complete a semester of full-time study (minimum 12 credit hours) abroad with grades of "C" or better in at least twelve (12) credit hours will graduate with a Country Specific Minor in International Studies.

The Minor in Black Spanish Literature of the Americas

The purpose of this minor, though manifold in its long-term including attempting to influence the paradigms of education at HBCUs, has two short-term objectives: 1) to advance the academic study of the oral and written literature of the Spanish-Speaking Black Americas by those who create and sustain those oral and written traditions; and 2) to provide our students with the opportunity to study the oral and written language from those who have created and sustain its production. To obtain this Minor, students must complete and pass all fifteen (15) credit hours abroad, as listed in the course descriptions under the English, Foreign Language and Mass Communication Department.

The International Ambassadors Club (IAC)

Students, faculty and staff who travel abroad may qualify to join the IAC. Admission to the IAC is subject to the participant having completed all required components of the program,

including research and presentations upon return. Additionally, the IAC members can assist the OIP in orientation sessions and advising prospective travel abroad participants. An OIP Certificate of Achievement will be awarded to IAC members.

The International Students Association (ISA)

The International Students' Association (ISA) is a student-led organization that represents the specific interests of the increasing number of international students at Benedict College. The ISA promotes awareness and understanding of the international student community at Benedict and creates opportunities for cultural exchange by organizing social events and coordinating a variety of programs designed to enrich student life on campus and to celebrate the geographic, international, and ethnic diversity represented at Benedict College. The OIP director is the ISA advisor.

The OIP Language Center (OIPLC)

The OIP Language Center offers local and international communities the opportunity to learn English as a Second Language. There are three (3) levels of total immersion, intensive classes: beginners, intermediate, and advanced. The classes are accompanied by out-of-classroom extracurricular activities, and the courses are conducted in the School of Continuing Education. See OIP website for more information.

The United Nations Academic Impact (UNAI)

The United Nations Academic Impact Initiative defines itself as "a global initiative that aligns institutions of higher education with the United Nations in actively supporting ten university accepted principles in the areas of human rights, literacy, sustainability and conflict resolution. UNAI also asks each participating college or university to actively demonstrate support of at least one of those principles each year." Benedict supports the principle of Human Rights and will host yearly activities on the campus.



OFFICE OF STUDENT FINANCIAL AID AND SCHOLARSHIPS

Benedict College maintains a well-staffed Office of Student Financial Aid and Scholarships (OSFA) that offers financial aid counseling to students and parents on the best way of financing their Education at Benedict. The College also maintains a Student Financial Services Department that offers guidance on strategies or payment options to assist with financing a college education and loan repayment. Both offices welcome consultations with parent and students. They can be reached at 1-800-868-6598 or (803) 705-4418 / 705-4547.

The Office of Student Financial Aid and Scholarships is located in Bacoats Hall

Office Hours

Monday & Wednesday 1:00 PM – 4:00 PM

Tuesday & Wednesday 9:00 AM – 12:00 PM

Friday by appointment only

(call your counselor)

Applying for Financial Aid

All students who wish to be considered for financial aid to help meet their college expenses are urged to submit all necessary applications by the College's priority funding date of March 15th. Applications received after March 15th including the (FAFSA) cannot be assured of consideration for priority funding and may not receive all possible funds available.

Students must complete a Free Application for Federal Student Aid (FAFSA) online at www.fafsa.ed.gov as early as October 1st.

Each eligible student will receive an award letter specifying the amount of financial aid granted and the conditions of the award.

Types of Financial Aid

The Office of Financial Aid and Scholarships is committed to assisting each student to find appropriate ways to finance his/her Benedict education. The following information details the types of aid available, as well as steps to take to make the most of aid opportunities.

Benedict College offers both need-based student financial aid and merit-based assistance. Whether aid is need-based or merit-based, there are two distinctive types:

- Gift Aid
 - carries no repayment or service requirement - consists typically of grants and scholarships
- Self-Help
 - requires repayment or service in return (typically loans and employment)

Federal and State Financial Aid

The College participates in the following federal and state student financial aid programs:

- **Federal Pell Grant**- Available to all undergraduate students who have not earned a bachelor's degree and who meet the federal government's eligibility formula.
- **Federal Direct Stafford Loans**- Available to all students enrolled in a degree program who are US citizens or eligible non-citizens. The maximum loan amounts for an academic year are \$3500 for freshmen, \$4500 for sophomores, \$5500 for juniors and seniors. Students considered to be independent of parental support for financial aid purposes qualify for increased loan amounts.
- **Federal Work Study**- Eligible students are awarded funds through this program. These students may work part-time on the campus and are paid for hours worked once a month. The program encourages community service work and work related to the student's course of study. The rate of pay set for work study jobs is at least the federal minimum wage. Higher wages may be set, depending upon the type of work to be performed and skill required.
- **Other Grants** – Benedict receives funds through the Federal Supplemental Educational Opportunity Grant programs. This fund is awarded to the neediest students who complete their FAFSA applications by March 15th.
- **South Carolina Tuition Grant (SCTG)**, South Carolina LIFE Scholarship Program, Palmetto

Scholarship Program and SC HOPE Scholarship Program. The College also awards Benedict College Tuition Assistance Grant (BCTAG). This is a need-based institutional grant offered to students who have exhausted all other financial aid and outside resources.

Financial aid awards are based on need, merit, and Estimated Family Contributions (EFC), as determined by the Federal Student Aid Report and other State, Federal, and Institutional guidelines and regulations. Merit-based awards, usually in the form of scholarships, may be determined in a variety of ways. Some are academic, while others are awarded on talent. Need-based awards, including grants, student loans and employment are determined using your family's financial situation, including income, assets, and number of family members.

Each eligible student who submitted a completed FAFSA will receive a Financial Aid package consisting of one or more of the following awards: grants, loans, work study, and scholarships. Students whose FAFSA forms are processed after March 15th may be processed for regular funding. Student Financial Aid awards may change pending FAFSA changes, completion of the verification process, outside scholarships, late acceptance and/or late enrollment to Benedict College.

SCHOLARSHIP ADMINISTRATION PROGRAM GOALS:

1. Offer scholarships to eligible students including academic, athletics, and performing arts.
2. Identify scholarship opportunities for students.
3. Assist students with completing scholarship application processes.
4. Monitor internal and external scholarship policies, rules, and regulations.

SCHOLARSHIP AWARDS

Scholarships or awards are applied after all financial aid is exhausted. Funds provided for scholarships may be used for tuition, on campus room and board, books, and course fees. Due to budgetary considerations, all students who meet eligibility requirements may not receive a scholarship. Based on variations in programs, scholarships are only renewed for students who remain continuously enrolled full time and meet renewal requirements.

First-time freshmen meeting the criteria below entering Benedict College during the 2021-2022 may be considered for the scholarships listed below:

Scholarship	Fall 2021/Spring 2022	Category
Founder	GPA 3.85-4.0 and ACT: 23 above; or SAT 1150 - 1249 (Tuition, fees, room, board, and book fees)	Academics
Trustee	GPA 3.6-3.84 and ACT: 20-22 or SAT: 1000 -1149(Tuition, room and board)	Academics
Presidential	GPA 3.3-3.59 and ACT: 17-19 or SAT: 900 -999 (Tuition)	Academics
Tiger	GPA 3.0-3.29 (\$5,000)	Academics
Golden Opportunity	GPA 2.7-2.99 (\$2,000)	Academics

First-time freshmen meeting the criteria below entering Benedict College during the 2018-2020 may be considered for the scholarships listed below:

SCHOLARSHIP ADMINISTRATION

Students awarded the scholarships below prior to Spring 2018 will retain the Trustee Club, Trustee, and Presidential scholarships and amounts as long as they meet the renewal requirements.

SCHOLARSHIPS	CRITERIA	AMOUNT (up to annually)
Trustee Club	3.8-4.0 Grade Point Average	\$17,000.00
Trustee	3.5-3.79 Grade Point Average	\$13,000.00
Presidential	3.0-3.49 Grade Point Average	\$7,500.00
Academic Excellence	2.5-2.99 Grade Point Average	\$2,000.00

Scholarship Renewal Requirements		
Scholarship Category	Cumulative GPA Requirement	Semester/ Academic Year Requirement
Academic Excellence	2.50	15/30
Presidential	3.00	15/30
Trustee	3.25	15/30
Trustee Club	3.50	15/30

First-time freshmen meeting the criteria below entering Benedict College during the 2018-2019 may be considered for the scholarships listed below.

<i>SCHOLARSHIPS</i>	<i>CRITERIA</i>	<i>AMOUNT</i> (up to annually)
Founder	3.79-4.0 Grade Point Average	\$22,800.00
Trustee	3.50-3.74 Grade Point Average	\$20,200.00
Presidential	3.26-3.49 Grade Point Average	\$14,000.00
Tiger	3.00-3.25 Grade Point Average	\$ 5,000.00
Golden Opportunity	2.50-2.99 Grade Point Average	\$ 2,000.00

The renewal requirements are stated below.

Scholarship Renewal Requirements		
Scholarship Category	Cumulative GPA Requirement	Semester/ Academic Year Requirement
Golden Opportunity	2.50	15/30
Tiger and Presidential	3.00	15/30
Founder and Trustee	3.50	15/30

Transfer students are not considered for scholarships listed above. Scholarship recipients must apply for all federal and state financial aid if applicable. Scholarships or awards are applied after all other financial aid is exhausted. Scholarship or award funds do not pay for expenses incurred off campus. Scholarships and awards may be renewable annually for three (3) additional years, not including Summer School, provided a recipient maintains the required GPA. If scholarship recipients do not maintain the requirements, they will be placed on probation for one semester in order to regain eligibility. If the eligibility requirements are not met at the end of the probationary period, the scholarship will be terminated.

Additional Scholarships

Competitive scholarships may be available for non-new Freshmen, full-time degree-seeking students and are listed as follows: The Sophomore Scholarship, The Junior Scholarship, and the Senior Scholarship. Due to budgetary considerations, all students who meet eligibility requirements may not receive a scholarship or award.

The Sophomore Scholarship

The Sophomore Scholarship is awarded to students who earn a minimum of 30 credit hours at the end of the freshman year and have a 2.5-4.0 grade point average. This scholarship

is non-renewable. The award amount is up to \$5,000. Students may apply for this scholarship at <http://www.benedict.edu/forms/bc-scholarships-application.html> before June 30.

The Junior Scholarship

The Junior Scholarship is awarded to students who earn a minimum of 60 credit hours at the end of the sophomore year and have a 2.5-4.0 grade point average. This scholarship is non-renewable. The award amount is up to \$5,000. Transfer students may be considered for this scholarship. Students may apply for this scholarship at <http://www.benedict.edu/forms/bc-scholarships-application.html> before June 30.

The Senior Scholarship

The Senior Scholarship is awarded to students who earn a minimum of 90 credit hours at the end of the junior year and have a 2.5-4.0 grade point average. This scholarship is non-renewable. The award amount is up to \$5,000. Transfer students may be considered for this scholarship. Students may apply for this scholarship at <http://www.benedict.edu/forms/bc-scholarships-application.html> before June 30.

The Transfer Scholarship

The Transfer Scholarship is awarded to students who meet the Benedict College transfer admission criteria, are first-time transfers, have earned a minimum of 30 transferable credits from an accredited institution of higher learning, and have an average GPA of 2.7. These students are eligible to receive a transfer scholarship based on the amounts listed below. The award will be renewable for up to three years, as long as students remain continuously enrolled full-time in good academic standing.

GPA and Awards Amounts

- GPA of 2.7 - 2.99 will be awarded up to \$3,500 per academic year
- GPA of 3.0 - or higher will be awarded up to \$5,500 per academic year

STATE SPONSORED SCHOLARSHIPS

State sponsored scholarships are funded by the South Carolina Education Lottery through the South Carolina General Assembly. The most up-to-date information about the state scholarship program can be found at the website www.che.sc.gov.

Palmetto Fellows Scholarship recipients must earn a score on the SAT > 1200, GPA >3.5 graduate from high school ranked in the top 6% of their class as a sophomore or junior and be a SC resident. The award amount is \$6,700.

Legislative Incentive for Future Excellence (LIFE)

Student must earn 2 out of 3: SAT > 1100 or ACT > 24 and/or B Average; and or graduate in the top 30% of graduating class. LIFE Scholarships are based on the LIFE GPA, which includes collegiate grades earned in-state or out-of-state, whether they count towards graduation or not. In addition to the specific scholarship requirements, students must be a South Carolina resident at the time of high school graduation or GED completion and meet the minimum criteria that correspond to the number of semesters that they have been in college beginning with their initial college enrollment date. The annual award amount is \$5,000.

LIFE Enhancement

LIFE Enhancement Scholarships are awarded to sophomore, junior and senior students who have earned a cumulative total of 14 hours of science and mathematics during the freshman year and who have declared a major course of study approved by the South Carolina Commission on Higher Education. The annual award amount for the LIFE Enhancement is \$2,500. Students receiving the LIFE Scholarship must maintain a cumulative 3.00 grade point average and 15 semester credit hours per semester enrolled.

Summer LIFE

A summer semester scholarship disbursement yields a potential for those eligible students who demonstrate they are on an accelerated track to graduation to earn a degree at a faster pace than on a traditional academic calendar. The availability of summer awards allows for a decreased time-to-degree alternative, which in turn assists students in attaining educational goals at lower costs. For participation in summer scholarship disbursement, at the end of the spring semester a LIFE

Scholarship recipient must: earn a cumulative 3.0 LIFE GPA; and earn at least 30 non-remedial coursework during the fall and spring terms.

A summer term cannot be a scholarship recipient's first term of enrollment. First-time entering freshmen will not be penalized for any credit hours earned during the summer session immediately prior to the student's initial college enrollment. The credit hours earned will not count against the terms of eligibility. The credit hours may be used toward the annual credit hour requirement. A student must demonstrate having attempted and/or enrolled in a total of at least twelve credit hours over the course of the entire summer term to be awarded. Participating students who are determined to be a LIFE Scholarship recipient and have met the continued eligibility requirements at the end of the spring term are eligible for a fall award regardless of their academic performance over the summer. Continued eligibility for the scholarship will be reviewed at the end of the following spring term if transferring.

HOPE Scholarship

Students receiving the **HOPE** Scholarship must earn a 3.0 or better GPA and be a South Carolina resident at the time of high school graduation. This scholarship is awarded to freshman students. The award amount is \$2,800 and is nonrenewable.

South Carolina Tuition Grants (SCTG)

Freshmen are eligible for the SCTG if they graduate in the top 75% of their high school class OR score at least 900 on the SAT or at least 19 on the ACT OR graduate from high school with at least a 2.0 GPA on the South Carolina Uniform Grading Policy. Returning, Continuing Education (CE) and Transfer students receiving SCTG must pass a minimum of 24 semester hours per year to maintain eligibility as stated by the South Carolina Tuition Grants Commission. Students are able to attend both summer sessions if they fall short of obtaining the required 24 hours for the academic year to receive SCTG. All South Carolina Tuition Grants (SCTG) recipients must complete the Free Application for Federal Student Aid (FAFSA) by June 30th.

PERFORMING AND VISUAL ARTS SCHOLARSHIPS

Benedict College students may receive Performing Arts Awards through participation in the following: Concert Choir, Instrumental Ensemble, Marching Band, Gospel Choir, Chapel Choir, Visual Arts, and Theatre Ensemble. Students must audition to be considered for these awards. A minimum of 12 credit hours per semester and a minimum grade point average of 2.0 are required unless a higher grade point average is stated in the contractual agreement.

ATHLETIC SCHOLARSHIPS

Athletes may apply for grants-in-aid packages for participation in athletics, in addition to regular financial aid. Information on athletic scholarships may be acquired from the Director of Athletics.

UNITED NEGRO COLLEGE FUND SCHOLARSHIPS

Benedict College is a United Negro College Fund (UNCF) School; therefore, Benedict College students are eligible to participate in the UNCF Scholarship Program. Scholarship criteria vary, and many of the awards have been designated for students on the basis of specific requirements. Virtually all scholarships require financial need. Some are based on residence while others are for students with a particular major and classification. In previous years, Benedict students have received scholarships ranging from \$500 to \$22,000. Scholarships frequently change during the year; therefore, the most current listing of scholarships may be previewed at www.uncf.org.

ARMY ROTC SCHOLARSHIPS

The Army ROTC Scholarships Program offers financial assistance to outstanding young men and women who are interested in the Active Army, Army National Guard or Army Reserve. These Scholarships pay full tuition and academic fees and provide a flat rate for books and supplies. Although Army ROTC scholarships do not pay the cost of room and board, each scholarship recipient is awarded free room and board at Benedict College. Each scholarship recipient also receives a tax-exempt monthly stipend, over four years. Applicants must be U.S. citizens, in the upper 25 percent of their high school senior class, score at least 930 on the Scholastic Aptitude Test (SAT) of 19 on the (ACT), possess leadership potential and good moral character, and be willing to serve in the Army on Active Duty or in the Army Reserves or National Guard. Students must maintain a 2.5 GPA to retain full-time status.



ENDOWED SCHOLARS

Benedict College awards endowed scholarships through the generous support of alumni, religious organizations, friends, corporations, foundations, and other organizations. Eligibility requirements for these scholarships are determined by the donor(s) at the time the agreement was established.

Abney Foundation(The) ESF
 Paul and Ethel M. Lorick Adams ESF
 American Baptist Churches ESF
 Mary Ferguson Arnold ESF
 Roslyn Clark Artis (Dr.) ESF
 Juanita Sherard Artemus ESF
 Charles P. Austin Sr. ESF
 Baltimore Alumni Club ESF
 Inez B. Bacoats ESF
 J. A. Bacoats Memorial ESF
 Benedict College Nat'l AA ESF
 Eunice Bedenbaugh ESF (Newberry County Alumni Club)
 Charles B. and Thomasenia J. Benson ESF
 BestofBC (The) ESF
 Cynthia Bethea Memorial ESF
 Robert L. Blackmon ESF
 Barbara Jackson Bowens ESF
 Louis W. Bone ESF
 Herman Boseman ESF
 Dale Brekke (Dr.) ESF
 Briggs-Lipscomb ESF
 Bertha R. Brown ESF
 John E. Brown (Coach) and Charles T. Brooks (Coach) ESF
 Massey Brown ESF
 Budweiser Memorial ESF
 Budweiser of Columbia, Inc. ESF
 Tyrone Burroughs ESF
 Alma and Wallace Byrd ESF
 Ruth L. Bynum ESF
 John E. and Ruth Caldwell ESF
 Wilbert E. Cantey, Sr. ESF
 Annie Coleman Cartlidge ESF
 Charles A. and Verna M. Cherry Memorial ESF
 Ray Charles Foundation ESF
 Class of 1966 (The) ESF
 Class of 1994 (The) ESF
 Class of 1996 (The) ESF
 Lucius F. Clark ESF
 Columbia Junior Alumni Club ESF (Columbia Alumni Club II)
 Columbia Kiwanis ESF
 John Coleridge (Rev) & Bertha Washington Honor ESF
 Elmore, Martha & Kevin Crawford ESF
 Nathaniel and Floydie Crawford-Davis Memorial ESF
 Josephine Sherard Davis ESF
 Almeta Davis Debarr ESF
 Gabe Deas Jr. ESF
 Delta Sigma Theta, Gamma Upsilon Chapter, ESF
 Edisto Area Alumni Club ESF
 Vince and Patricia Ford ESF
 Frazier Family Award
 Laura Bowman White Frederick ESF
 Susan B. Freeman Memorial ESF
 Joseph A. and Mamie B. Gadson ESF
 Lula G. Gambrell ESF
 Zachariah & Grace Gambrell ESF
 Marion Juanita Gardner ESF
 John P. Gaty ESF
 Louis C. Gibson ESF
 Brenda Pearson Gilchrist ESF
 George E. & Betty H. Glymph ESF
 Arthur W. Goforth, II and Gladys Butler Goforth ESF
 Good Family (The) ESF
 Willie S. Goodson ESF
 Maxie S. Gordon ESF
 Robert C. Gordon (Dr.) ESF
 Milton and Doris Glymph Greene ESF
 Marshall C. Grigsby ESF
 Groove Phi Groove ESF
 John C. Gwinn ESF
 Ben and Thelma Harris BA
 Elsie King Hamler ESF
 T. J. Hanberry ESF
 Harambee Festival ESF
 Janet P. Harvey (Estate) ESF
 Jack C. and Helen Hayward ESF
 William Randolph Hearst ESF
 Otis Griffin Hill Memorial ESF
 James Hopkins (Estate) ESF
 Lucy C. Hughes ESF
 Carrie J. Irby ESF
 J. H. Jackson ESF
 Rathenia McCollum Jackson Memorial ESF
 Fred G. Jenkins (Dr.) ESF
 Lincoln C. Jenkins, Inc. Americanism ESF
 Cecelia Dudley Johnson Memorial ESF
 Charlie and Bettie Johnson ESF
 Coolidge M. and Freeda Johnson ESF
 Edith Brown Johnson ESF
 Kimberly D. Johnson ESF
 Lottie Robinson Wright and Ruby Leevy Johnson ESF
 W. E. Johnson ESF
 Jolley Foundation ESF
 George Louis Jones, Harold and Pleasant Jones Lewis ESF
 Herman Jones Jr. Endowed Band Scholarship Fund
 Joan Davis Jones Memorial ESF
 Tameica Jones ESF
 Gertrude B. Kennedy ESF
 David Kinley ESF
 Melton and Ruth Kimpson (The) ESF
 Milton Kimpson (Dr.) ESF
 Juliet King ESF

Gary and Carolyn Knight ESF
 Jerry G. & Mildred M. Knightner ESF
 Charles Lark ESF
 Gladys Lane ESF
 Mildred Layne Memorial ESF
 Liberty Corporation Memorial ESF
 F. Allen Little ESF
 James F. Littles ESF
 William T. Lowden ESF
 James and Rosena Reese Lucas ESF
 John Ludwig ESF
 Charles and Blanche McIver ESF
 Hennies N. McConnell ESF
 Robert "Bob" McCullough and Agnes Tamara
 McCullough ESF
 Willie and Marlene Murphy McClerklin ESF
 Edmund McDonald (Dr.) ESF
 Willie Cowans McDuffie ESF
 Sonja Wannamaker McIntosh ESF
 Ora McIver ESF
 Willie Pearl McKissick ESF
 Buck Mickel (The) ESF for Males
 Francis Monroe ESF
 Barbara C. Moore ESF
 Paul and Novella Jeter Nichols ESF
 Benjamin F. Payton (Dr.) ESF
 Benjamin Payton Book Award
 Thelma Payton Book Award
 Bobby James Pearson ESF
 Pee Dee Association Scholarship Award
 Richard B. Perkins ESF
 Helen Cannon Perry ESF
 Ida Meachan Peterson Scholarship Award
 Rufus G. Pettis (Dr.) ESF
 Ezell (Dr.) and Beverly Hart Pittman ESF
 Eunice Wilson Ponder ESF
 Henry W. Ponder (Dr.) ESF
 Lela Z. Nicholson and Roberta L. N. Ragan
 ESF
 Lonnie Randolph (Dr.) ESF
 Reader's Digest Foundation ESF
 Chrissie Bradford Rice ESF
 Malqueen Howell Richardson Study Night
 Tutorial Fund
 Edward W. Robinson ESF
 James D. Rucker, Sr. ESF
 Jasper and Thelma Salmond ESF
 Dottie Saunders GSF
 D. L. Scurry Foundation ESF
 School of Graduate Studies and Continuing
 Education
 Robert L. and Juanita Simons Scott (Drs.)
 ESF
 Jerry M. and Jenny L. Screen ESF
 Ibn-Najee Shabazz Scholarship
 Christobel Simons Memorial ESF
 Frank K. Sims (Rev) ESF
 Juanita Simeon ESF
 Robert L. and Albertha Simons ESF
 Angeline Davis Smith ESF
 Harriet Brown Smedley ESF
 James Frankie Smith ESF
 T. Jerome Smith (Dr.) ESF
 Walker E. Solomon ESF
 Southern Area of the Links, Inc. ESF
 Southern Wine & Spirits of SC, Inc. ESF
 Augustus T. and Eunice S. Stephens ESF
 Ella Stevens ESF
 Steward and Coaxum Twin Scholarship
 Award
 Victoria Steward ESF
 Essie Mae Strother Patterson & Georgia Mae
 Strother ESF
 David H. and Patricia L. Swinton (Dr.) ESF
 Wellington D. Swindall Book Award
 Taylor Foundation of Newberry Inc., ESF
 Eunice Stephens Thomas ESF
 Robert and Pearl Thomas ESF
 Phyllis L. and Jerry B. Thompson ESF
 Joseph Calhoun Tobin ESF
 Carolyn Bethea Cureton ESF
 Raymond and Channie Vereen ESF
 Wachovia Foundation ESF
 LeRoy T. Walker (Dr.) ESF
 McSwain Wardlaw ESF
 Landrum Washington Memorial ESF
 Taft Watson Scholarship
 Ruby W. Watts (Dr.) ESF
 Rufus Watts ESF
 Barbara Byrd Weston ESF
 Dorothy Bass Webster (Estate) ESF
 Thelma Whitney ESF
 Dorothy Buchanan Wilson ESF
 Ethel C. Wilson ESF
 Lucious and Sallie Wilson ESF
 Milton F. Williams ESF
 Winn Dixie Foundation ESF
 Vergil Gamewell Wright Endowed Lyceum
 Fund

STUDENT FINANCES

SCHEDULE OF EXPENSES

The current schedule of student expenses may be obtained from the Office of Student Accounts or the College's website.

ACCOUNT SETTLEMENT

Students may settle their accounts through Financial Aid and/or cash payments, cashier's checks, credit cards, and money orders. Personal checks will be accepted provided the following information is printed on the check: complete address, home telephone number, work telephone number, and driver's license number. The College also offers payment arrangements to further assist with account settlements.

The costs of attending Benedict College include, but are not limited to tuition, room and board, and fees assessed at the lowest possible level without sacrificing quality and excellence in the services provided. In estimating the total cost of expenditures for a college year, students should include the costs of books, supplies, travel, educational tools, and personal items in their financial packages.

The current costs for boarding and non-boarding students to attend Benedict College are published and distributed by the Office of Student Accounts.

REFUNDS

A student is entitled to a refund once the student's account reflects a credit balance. A credit balance is not created until most or all of the financial aid awarded is received by the College. The Billing Statement received at registration will show the expected credit balance a student will receive once all funds are received by the College, if applicable. This amount is subject to change if the student's financial aid award should change for any reason or any additional charges are assessed to the student's account. Institutional funds are nonrefundable.

GENERAL REFUND POLICY

Refund checks are generated within 14 days of the date that the credit balance is created. Any amount refunded in excess of the student's account credit balance because of subsequent adjustments is the responsibility of the student and any over payments will be due to Benedict College. Refund checks are generated in the student's name unless it is a Parent PLUS Loan refund; then it is generated in the parent's name and mailed to the parent. Students are not eligible for refunds from scholarships, any other institutional funds or, in most cases, outside scholarships unless authorized by the awarding agency.

If students withdraw from the College, officially or unofficially, they may be entitled to partial refund of tuition and/or room and board charges. This will depend on the date of the withdrawal in conjunction to the refund schedules listed below.

Students who withdraw from the College during the first five weeks after classes begin may be eligible for a partial refund of tuition and/or room and board charges. Refunds of tuition are calculated on the following scale:

Withdrawal during the

1st or 2nd week	80%	5th Week	20%
3rd Week	60%	6th Week or later	0%
4th Week	40%		

Refund Schedule - Summer Sessions

1st - 4th day of class	80% of Tuition	After 8th day of class	No refund
5th - 8th day of class	60% of Tuition		

Room and Board and semester fees are not refundable during the summer session.

CAMPUS BOOKSTORE

The Campus Bookstore is located in a new building located at 2300 Haskell Avenue. It provides textbooks as well as other supplies for students, including college paraphernalia and academic supplies.

**STUDENT SERVICES AND PROGRAMS**

A variety of student services and programs in the Student Affairs area serve the needs and interests of all students enrolled at Benedict through the cooperation of the administration, faculty, staff, and the following positions: Vice President for Student Affairs, Directors of Residential Life, Campus Police, Food Services, Religious Services, Student Activities and Student Health Services.

RESIDENTIAL LIFE

The college-housing program sets the stage for student learning by providing a living environment that is conducive to academic pursuits, personal growth and the development friendships within each residence area. Because the living experience is an integral part of the educational process, all students except local commuters live in campus housing and participate in a college meal plan at the College. The campus facilities house approximately 1,627 full-time students. Each residence area is generally supervised by the Director of Residential Life, Area Coordinators, a Residential Life Coordinator, a Residential Life Assistant and a team of Residence Hall Assistants.

Students should request room reservations as soon as they are accepted for admission to the College. With the request, they must also send a room reservation fee of \$100.00 in a money order or cashier's check made payable to Benedict College, 1600 Harden Street, Columbia, South Carolina 29204. The room reservation fee is non-refundable. Continuing students are required to request housing each academic year. Procedures and deadlines for requesting housing are communicated to continuing students.

Applications for summer housing must be filed before April 15. For fall semester, housing applications should be filed before June 30.

On-campus housing is provided to all eligible students on a first come first served basis. On-campus housing is provided in single-sex residence halls. Each student in on-campus housing must have a Housing Application and a signed Residence Hall Agreement on file in the Office of Residential Life. Students with special health needs are expected to report their specific housing requirements to the Director of Residential Life in a timely manner via the Housing Application or the College Nurse.

All Residence Halls have computer laboratories for the students to use.

Students are liable for any damages that they cause to College property and will be required to pay for replacement or restoration cost. Residents who damage or vandalize housing facilities can expect disciplinary action. If the staff is unable to identify the individuals responsible for damages, all residents in that area for common area charges.

THE OFFICE OF COUNSELING AND SELF-DEVELOPMENT SERVICES

The Office of Counseling and Self-Development Services provides a broad range of quality programs to assist students at the college. All the services reflect our strong commitment to the individual needs of students enrolled in Benedict College. To accomplish its mission, Counseling and Self-Development has a well-developed set of goals that are consistent with the College's mission.

STUDENT HEALTH SERVICES

Benedict College provides a Student Health service which includes, a Health Center staffed by experienced nurse and an emergency treatment arrangement with appropriate referrals to local medical facilities as needed. Benedict College provides quality and confidential health services to our students, promote healthy lifestyles through health prevention activities, establish partnerships with other health organizations to assist in providing services and to assist students with chronic medical conditions to manage their illness with their lifestyles and promote self-sufficiency whenever possible. Triage services are provided at no cost to students except for physical examinations and some vaccinations. A brochure detailing medical services provided can be obtained from Residence Hall Directors, the Health Center, the Office of Student Affairs or the Office of Residential Life.



STUDENT ACTIVITIES

The Student Activities Department is responsible for planning and coordinating extracurricular activities to meet the needs of students for relaxation and enjoyment during their leisure hours. The Office of Student Activities provides a broad based program of educational, social, cultural, spiritual and recreational programs and activities for students, faculty, staff, alumni, and guests on campus. Programs provide out-of-class informal and formal learning opportunities that complement a curricular environment.

Students who wish to participate in activities, join an organization, pursue special interests, or assist in the planning of campus events should contact the Director of Student Activities or an officer or adviser of the respective organization. Activities are held during the week from 6:00 p.m. to 11:00 p.m. Weekend activities end by 1:00 a.m. For additional information, see the [Student Activities Handbook](#). The Office of Student Activities is located on the first floor of the David H. Swinton Campus Center, and can be reached at (803) 705-4408.

THE STUDENT GOVERNMENT ASSOCIATION

The Student Government Association provides excellent opportunities for students to practice and experience the democratic process. Through the Student Government Association (SGA), many students assume leadership roles while helping to make decisions and write policies relevant to student life at Benedict College, academic regulations, and general administration of the College. The Student Government Association is a unifying force for the student body and provides streamlined communication among students, faculty, staff, and administration. The Office of the Student Government Association is located on the 2nd floor of the David H. Swinton Center, and can be reached at (803) 705-4408.

CLUBS, ORGANIZATIONS, FRATERNITIES AND SORORITIES Benedict College is a community that offers a variety of co-curricular activities and opportunities to participate in over 50 clubs and organizations that will allow students to develop and cultivate lifelong skills and friendships. This includes Greek fraternities and sororities, Greek-letter professional and service organizations, community service groups, leadership organizations, academic and honor societies, performance groups, and international and religious-based organizations. Co-curricular activities and opportunities are open to all Benedict College students in good standing.

Clubs and Organizations

Student Governance and Classes

Student Government Association (SGA)
Freshman Class

Sophomore Class
 Junior Class
 Senior Class

Honor Societies and Academic Clubs

Alpha Chi National College Honor Society
 Alpha Kappa Mu Honor Society
 Art Club
 Association of Continuing Education Students (ACES)
 Beta Kappa Chi Science Honor Society
 Criminal Justice Club
 Delta Mu Delta Honor Society
 Economics Awareness Club
 English Club
 Foreign Language Organization
 Honda Campus All Star Challenge (HCASC)
 Honors Student Association
 HPER Club
 National Society of Collegiate Scholars (NSCS)
 National Society of Leadership and Success (NSLS)
 Pi Sigma Alpha Honor Society
 Pre-Health Club
 Psychology Club
 Recreation Club
 Science and Mathematics Club
 Sigma Tau Delta English Honor Society
 Social Work Club

Performing Groups

Concert Band/Wind Ensemble
 Concert Choir
 Gospel Choir
 Marching Tigers Band of Distinction
 Pep Band
 Theatre Ensemble

Shared Interest/Social Organizations

Music Educators National Conference (MENC)
 National Art Education Association (NAEA)
 NAACP Chapter 5950
 National Association for the Advancement of Colored People (NAACP)
 National Association of Aspiring Black Psychologists (NAABP)
 National Association of Black Accountants (NABA)
 National Association of Black Engineers (NABE)
 National Association of Black Social Workers (NABSW)
 National Association of Blacks in Criminal Justice (NABCJ)
 National Council of Negro Women, Inc. (NCNW)
 National Political Science Honor Society (NPSHS)
 National Pan-Hellenic Council (NPHC)
 Pre-Alumni Council
 South Carolina Association for the Education of Young Children (SCAEYC)
 South Carolina Education Association (SCEA)
 Student Recreation Association
 T. L. Duckett Student SC Education Association

Fraternalities and Sororities (NPHC)

Alpha Phi Alpha Fraternity Inc., Gamma Pi Chapter
 Alpha Kappa Alpha Sorority Inc., Psi Chapter
 Kappa Alpha Psi Fraternity Inc., Gamma Mu Chapter
 Omega Psi Phi Fraternity Inc., Epsilon Epsilon Chapter

Delta Sigma Theta Sorority Inc., Gamma Upsilon Chapter
 Phi Beta Sigma Fraternity Inc., Gamma Lambda Gamma Chapter
 Zeta Phi Beta Sorority Inc., Kappa Beta Chapter
 Sigma Gamma Rho Sorority Inc., Beta Epsilon Chapter
 Iota Phi Theta Fraternity Inc., Theta Kappa Chapter

Other Clubs/Organizations

Alpha Phi Omega Fraternity, Inc.
 Buzz Mass communication
 Brothers In Unity
 Cheer Phi
 Choices Alcohol Education: Tiger Stripes Leadership Team
 Collegiate 100

F.E.M.A.L.E.S.

Fluffy Girl Fitness
 Groove Phi Groove Social Fellowship Inc.
 I AM BENEDICT
 Benedict College Ambassadors
 International Student Association

Kappa Beta Theta

Kappa Kappa Psi National Honorary Band Fraternity, Inc.

M.A.L.E.S.

Midnight Golf Program Alumni Association

Peer Education Program (PEP)
 Phi Beta Lambda Fraternity, Inc., Sigma Xi Chapter
 Phi Iota Phi Dance Fraternity Inc.
 Phi Mu Alpha Sinfonia Fraternity of America, Xi Beta Chapter
 Residence Hall Association (RHA)
 Reserve Officers Training Corps (ROTC)
 Robotics Club
 Sister Act
 Striped Couture
 Student Activities Planning Group

Student Athletes' Advisory Committee

Swing Phi Swing Social Fellowship Inc.

Tau Beta Sigma National Honorary Band Sorority, Inc.

The Tiger's Den

Tiger News

CAMPUS POLICE

In any large organization, there is always a concern for safety regulations, guidelines, and policies that are designed to protect and assist the users of this diverse community. The Department of Campus Police is comprised of sworn state-certified police officers, dispatchers, and administrators. The officers are professional and courteous while addressing the law enforcement and security needs of Benedict College and the surrounding communities bordering the College's property. The department is also responsible for enforcing parking rules and regulations on campus. A parking pamphlet is published and distributed annually to the students, faculty and staff at Benedict College. The pamphlet thoroughly outlines the regulations designed to accommodate and assist as many persons as possible with limited parking on campus. In addition, a Rights-to-Know booklet and Personal Safety Tips booklets are published annually. Both publications are available to students, faculty, staff and visitors. The Campus Police Department is located on 2400 Haskell Avenue, and can be reached at (803) 252-5400.

RELIGIOUS SERVICES

Benedict College was funded through the faith of the American Baptist Women's Missionary

Society. The institution was developed to train newly freed slaves to become ministers and teachers. The Religious Services Department is committed to being the best of its kind – a multi-dimensional spiritual and moral resource for students, faculty, staff and community. It will ensure an opportunity for students to comprehensively address their spiritual development.

The department's greatest priority is to prepare Benedict students to be knowledgeable, effective and innovative professional and lay leaders in religious institutions. It also upholds the fine tradition and mandate for the College to put God first in all its services and activities. All are invited to share in the religious Services Department's efforts to emphasize moral and ethical development on campus, to provide an environment and activities for spiritual development, and to play its part in spreading the Gospel of Jesus Christ through Sunday Worship, Bible Studies, Prayer and Fellowship Activities. In addition, all students are encouraged to join Brothers and Sisters in Christ (BASIC), a dynamic campus Christian organization for students.

STUDENT SERVICES AND PROGRAMS

1. Sunday Worship

Services are held in Antidel Chapel on Sundays at 11 a.m. during the fall and spring semesters. Students and staff volunteer to usher and help lead worship. Guest preachers from South Carolina and the nation are also brought in to speak occasionally.

2. Bible Studies and Prayer Services

Bible studies are held weekly in the residential life facilities and in other designated locations. Prayer Service is held weekly. However, the chapel is a sacred place that may be used throughout the week by students who wish to pray, read or just sit quietly.

3. Guidance

The Campus Minister is available to work with students whose issues and concerns seem too large for them to handle. Appointments may be scheduled, along with meetings or crisis intervention. The Campus Minister is on call day and night.

4. Chapel Choir

Interested persons must become a member of Brothers and Sisters in Christ and ask to serve on the Chapel Choir, dedicating about five hours a week for rehearsals and services. No auditions are required. The Choir sings hymns, spirituals and traditional gospel music.

5. Fellowship

Student religious organizations include Brothers and Sisters in Christ (BASIC), The Fellowship of Christian Athletes (FCA), and the Muslim Student Association (MSA). Each group offers fellow students engaging activities that reflect their faith.

STUDENT GRIEVANCE COMMITTEE

Benedict College recognizes the importance of providing a prompt and efficient procedure for the resolution of a student grievance. The Student Grievance Committee was established to resolve grievances in a fair and equitable manner. A grievance is a complaint arising out of any alleged unauthorized or unjustified act or decision by a member of the Collage community that in any way adversely affects the status, rights or privileges of any student. A student must seek redress within 90 days of the alleged grievance. The burden of proof rests with the person making the complaint.

Any student alleging violation of rights on the basis of race, color, religion, ancestry, sexual orientation, physical or mental disability, national origin, ethnicity, gender, veteran's status, or marital status shall contact the Office of Student Affairs. The Vice President for Student Affairs shall designate the appropriate College officer to investigate the allegations. The Human Resources Officer shall investigate all cases alleging discrimination on the basis of race, color, religion, ancestry, sexual orientation, national origin, ethnicity, veteran's status or marital status. The Title IX Coordinator shall investigate all cases alleging discrimination on the basis of gender. The Coordinator of Disability shall investigate all cases of alleged discrimination on the basis of physical or mental disability.

DISCIPLINARY SUSPENSION

The College will not accept transfer credits for courses taken at another college during the period in which a student is on disciplinary suspension.

OFFICE OF INFORMATION TECHNOLOGY SERVICES

The Office of Information Technology (OIT) is under the direction of the Chief Information Officer (CIO). The aim of the CIO is to lead the Benedict College community in the strategic pursuit of highly effective information systems, resources and services with the goal of enhancing the digital environment and experience for students, employees, alumni, guests, and other constituents. The Office of Information Technology department is charged with the following responsibilities:

1. Provide campus networking, computer equipment and software for interdepartmental computing needs such as email, Internet access, and integrated databases.
2. Assist employees in planning, selecting, and acquiring hardware and software in appropriate cycles.
3. Install and maintain publicly accessible computing facilities.
5. Provide campus telecommunications equipment and support.
6. Provide campus audio/visual equipment and support.
7. Provide user training, in coordination with the Human Resources Department for professional staff and faculty in coordination with the Dean of Instructional Technology.
8. Provide all user upgrades to any supported operating system and software.
9. Partner with departments to ensure that all users have access to, trained and re capable to
10. navigate the standard College software suite. (email, internet browser etc.)
11. Customize and install purchased applications in partnership with departments and units across
12. the campus.
13. Collaborate with academic department heads on the most effective non-instructional software selection and acquisition.

BENEDICT COLLEGE COMMUNICATION CENTER

The Benedict College Communication Center was established in 2014 to enhance the Enrollment Management efforts of the College. Located in Bacoats, the Center is an information hub supporting admissions, recruitment, retention and graduation rates by serving as the primary contact for all outgoing calls to new, pending and returning students. The Communication Center also assists with consistently contacting alumni, family and friends for the purpose of raising funds for the College, as well as, keeping them abreast of events and activities occurring at Benedict College.

The Communication Center continues to support the above efforts; however, has now expanded to become a blended center (incoming and outgoing). The Benedict College Call Center now serves all incoming Operator, Financial Aid, Admissions and Recruitment and IT Department calls for the College. This expansion was initiated so that the College can give consistent, efficient, effective customer service to ensure that all incoming calls are answered and transferred to the appropriate person or department, in a timely manner.

The Center communicates with stakeholders via telephone, text message, email and One Call Now.

ATHLETICS

The Intercollegiate Athletic Program at Benedict College is governed by the Southern Intercollegiate Athletic Conference (SIAC) and the National Collegiate Athletic Association (NCAA) Division II. The athletic program sponsors fourteen intercollegiate sports teams. The male teams include: basketball, football, baseball, tennis, indoor and outdoor track and field and cross country. The female teams include: basketball, softball, volleyball, cheerleading, tennis, indoor and outdoor track and field and cross-country. Student athletes must be in good academic standing to compete in intercollegiate athletics. Student athletes must apply for regular financial aid before athletic scholarships are awarded.

Student-athletes who are placed on academic probation will matriculate according to the College's academic probationary guidelines. Students who remain on academic probation will not be eligible to receive scholarship funding for the next academic year.

Student-athletes may attend summer sessions to attempt to improve academic status at which time eligibility will be reviewed.

Students participating in club sports must adhere to the same institutional guidelines for extra-curricular activities. Club sports include football, basketball and soccer.



ACADEMIC SUPPORT SERVICES**STUDENT SUCCESS CENTER**

The Student Success Center (SSC) serves as the one-stop-shop for academic success and technological support for students. The SSC assists students in college and graduate-level work, thereby creating positive outcomes and improving the culture of student success and retention rates. It also seeks to make academic provisions to accommodate students with registered disabilities. Thus, the SSC seeks to reinforce and promote positive student performance beginning with their first year of the general education curriculum and extending to coursework throughout their matriculation.

The Student Success Center is located in the lower level of the Learning Resources Center and managed by the Director of Student Retention.

The Student Success Center provides the following services to students:

Academic Support Labs (English/Writing Lab and Mathematics Lab)

The English/Writing Laboratory and Mathematics Lab are resources for all students. Professional learning specialists and student tutors support students with assignment completion, examination preparation, study skills, and test-taking skills, and assistance with professional and career writing, as well as assistance in using technology to complete writing or math assignments.

Tutoring Services

Tutoring services are offered for students on a variety of subjects in support of their academic achievement. Students may arrange scheduled or drop-in sessions to receive support. Class exam proctoring, workshops, and orientation sessions for special academic activities are also coordinated for students. In addition, Study Nights events are hosted close to the mid-term and final examination periods to prepare students for successful completion of academic requirements in challenging subject areas. Students are assisted by volunteer faculty, staff, peer tutors, and technology support staff.

Accessibility Services

Benedict College is committed to full compliance with the provisions of the Americans with Disabilities Act of 1990, as amended ("ADA"), and Section 504 of the Rehabilitation Act of 1973, as amended ("Section 504"), and the regulations implementing those laws. The ADA and Section 504 require Benedict College to provide qualified students with disabilities with opportunities for participation in the learning environment through the provision of reasonable accommodations and/or auxiliary educational aids or services. Benedict College is responsible for analyzing the appropriateness of an accommodation, aid, or service in its specific context and will make provisions unless doing so would cause an undue burden or fundamentally alter the nature of the service, program, or activity.

Instructional Technology Training and Support

Instructional Technology support staff are available to assist faculty and students in effectively utilizing various applications and platforms in support of our academic programs.

Success Consultations and Success Workshops

The SSC also provides one-on-one and group support for students in achieving their academic, career, and personal goals. These sessions can include an overview of academic programs, learning resources, academic policies, and procedures to assist students in successfully utilizing support resources and services across campus.

Academic Recovery

The SSC's services also include the Academic Probation Management Program (APMP), designed to help students meet the college's Satisfactory Academic Progress (SAP) requirements. Through one-on-one sessions, academic enhancement workshops, and goal-specific programming, students receive individualized assistance to achieve their academic goals.

CAREER PATHWAYS INITIATIVE AND SERVICE-LEARNING PROGRAM



Benedict College's Career Pathways Initiative and Service-Learning Program's (CPISLP) vision is to implement innovative programming that prepares Benedict College students for success in diverse local and global communities. The Program's mission is to transform student scholars into career-oriented, civic-minded, and technologically qualified professionals who represent the best of Benedict College. CPISLP utilizes a three-prong approach, which includes curricular enhancements, co-curricular engagement and guided career pathways to prepare Benedict College students for their chosen career path.

- Curricular enhancements add to the rigor and depth of the academic preparation of students
- Co-curricular engagement focus on engaging students in experiential learning experiences to strengthen strategic problem-solving through applied practices such as service-learning and community service, and;
- Guided career pathways develop students' leadership and career fluency, setting the course for students' personal growth and professional development from the freshman year through graduation.

CPISLP encourages students to enhance their career potential, personal leadership skills, and civic engagement. Thus, stimulating intellectual curiosity and building self-confidence that continues throughout their matriculation and post-graduation.

CPISLP's two program areas include Career Pathways Initiative and Service-Learning Program.

Career Pathways Initiative: The Career Pathways Initiative ("CPI") employs dynamic programming to foster active student engagement in career development. Students use online career tools to participate in career planning, connect with employers, and engage in virtual career coaching.

Career Pathways Initiative services include:

- Career assessments
- Resume development and critique
- Individualized career counseling
- Mock interview preparation
- On-campus job interviews
- Job-shadowing
- Career exploration
- Career field studies
- Internships
- Alumni Networking
- Career Fairs
- Virtual and On-Site Career Readiness Seminars
- Career Technology (Purple Briefcase, Standout)
- Graduate School Fairs
- Leadership and Service Trainings
- Tigers' Career Closet

CPI coordinates campus visits of representatives from industry, government, education and graduate and professional schools. CPI hosts career and graduate school fairs and provides assistance to students with career placements after graduation.

Service-Learning Program: Benedict College students are required to engage in service-learning activities designed to affect change and build leadership through academic-based opportunities that enhance students' intellectual growth, civic responsibility, and career exploration. Service-Learning serves as an entity for providing students with opportunities to utilize real life contexts in the following areas: Education, Health, Human Needs, Crime Prevention, Environmental Awareness, and Research. Service-learning, a teaching and learning pedagogy, provides an opportunity for faculty to assess student learning outcomes through course-based service. Through Service-learning, students participate in direct, indirect, or advocacy service projects that address community needs.

Service-Learning Program services include:

- Service-Learning partnership development and service agreements
- Service-Learning professional development seminars for faculty, students, and community partners to aid in project development
- Registration and recording of students' service hours in the service-learning database for all student service-learning placement, distribution, collection, and reporting of service-learning documentation which includes: Curriculum Alignment Forms, Project Outcomes Forms, and Attendance Verification Logs
- Semester based reporting documenting students' service-learning experiences

All students, excluding transfer students, are required to complete a minimum of 120 hours for graduation. Transfer students are required to complete the total number of hours commensurate to their classification at the time of admittance. Adult learners, earning additional credentials through the College's extended learning program, who meet varying requirements as outlined by the Academic School, can be excluded from the service-learning requirement with administrative approval. Service-learning at Benedict College excludes hours earned through other campus-based experiential learning opportunities (optional or required) such as the internship, practicum, and student teaching experiences. Students may not transfer service-learning hours from other institutions of higher education or academic organizations. Listed below are the College's recommended minimum hours of service-learning completion at each level of classification:

Freshman - 20 hours Sophomore - 40 hours Junior - 40 hours Senior - 20 hours

Service-learning must be completed through a college approved service-learning course to fulfill the graduation requirement. Academic Deans and Department Chairs, with the input of faculty in the discipline, are responsible for the identification of service-learning courses in their academic area.

INFORMATION FOR VETERANS AND ELIGIBLE DEPENDENTS

The Office of the Registrar and Student Records at Benedict College offers assistance and information on College programs and applications for education benefits to veterans and eligible dependents. The Office of the Registrar and Student Records certifies enrollment and transmits attendance records, degree requirements, and other information concerning veterans enrolled at Benedict College to the Veterans Administration. Admission to the College should be obtained before the student applies for veteran benefits. The appropriate application forms for benefits will be sent upon request by the Office of The Registrar and Student Records, or by may be obtained by visiting the Department of Veterans Affairs website at www.G181LL.gov or calling 1(888)142-4551 for further information on education benefits. Beginning students are urged to complete the necessary applications with the Department of Veterans Affairs at least eight weeks prior to enrollment. Upon receipt of the Certificate of Eligibility from the Department or Veteran Affairs, veterans must return it to the Office of the Registrar and Student Records to begin the certification process.

In order to be eligible for a full monthly allowance, a veteran must be registered for twelve or more credit hours per semester. Those registered for less than 12 semester credit hours are eligible for

part-time compensation. Veterans are responsible for reporting any changes in enrollment status or other previously reported information to the Veterans Administration and to the Office of the Registrar and Student Records. All requests for verification by veterans must be submitted by the last day to add classes in any given semester or summer session.

BENEDICT COLLEGE VETERANS RESOURCE CENTER

Vision

To establish and sustain a nationally recognized comprehensive "military-friendly" education support program involving application, admission, matriculation, graduation, and professional placement that successfully attracts military veterans, service members, dependents and survivors to pursue their academic and professional development interests and goals.

Mission

Establish a "military-friendly" education support program that assist veterans, service members and their families with the transition from military service into a positive academic community in pursuit of professional and personal development by connecting students to expert support services and tools to enhance their academic and professional success at Benedict College.

Veterans and Active Duty Education Benefits

Benedict College is approved by the State Approving Agency for educating service members, veterans, dependents, and reservists under Title 38, U. S. Code for the following VA educational benefits:

- Montgomery GI Bill® (Chapter 30)
- New GI Bill® - Selected Reserve Educational Assistance Program (Chapter 1606)
- Reservists called or ordered to serve in response to a war. (Chapter 1607)
- Survivors and Dependents (Chapter 35)
- Vocational Rehabilitation (Chapter 31)
- New GI Bill® Post-9/11 Veterans Education Assistance Act of 2008 (Chapter 33)
- Tuition Assistance and CAP

A student may apply for VA Benefits online at www.ebenefits.va.gov to determine eligibility. Specific information regarding each Veterans' program may be obtained from the Veterans.

Veterans' Affairs Standards of Academic Progress

Academic progress will be measured at the end of each evaluation period. Failure by a student to maintain a cumulative Grade Point Average (GPA) of at least 2.0 for any evaluation period will result in that student being placed on academic probation for the following term. Failure by the student to attain a cumulative GPA of at least a 2.0 during the probation term will result in academic suspension (termination of veteran's benefits) for one term. The interruption will be reported to the Veterans Administration within 30 calendar days of the change in status using VA Form 22-1999b.

Mitigating Circumstances

Mitigating circumstances are those which directly hinder pursuit of a course and which are judged to be beyond the student's control. The following are some general categories of mitigating circumstances. This list is not all-inclusive.

- Serious illness of the veteran
- Serious illness or death in the veteran's immediate family
- Emergency financial obligations or change of place of employment or work schedule which preclude pursuit of the course
- Unanticipated changes in child-care responsibilities
- Active duty military service, including active duty for training

Academic Load

During the regular semester, students are considered full-time for financial aid and VA purposes if they are enrolled in 12 or more semester credit hours and part-time if they are enrolled in less than 12 semester credit hours.

THE HONORS PROGRAM

THEME - SERVICE TO THE COLLEGE AND COMMUNITY, SERVICE TO THE NATION AND

THE WORLD, THROUGH AN ENGAGED COMMUNITY OF SCHOLARS

MOTTO: "SERVIO" ("I SERVE")

PROFESSIONAL AFFILIATIONS

National Association of African American Honors Programs, National Collegiate Honors Council,
Forum on Education Abroad

The National Society of Collegiate Scholars, Alpha Kappa Mu Honor Society,
Alpha Chi National College Honor Society

ADMINISTRATION

Dr. Gwenda Richburg Greene, Director
Ms. Laura E. Postell, Administrative Assistant

In 1986, Benedict College established the Honors Program to increase the rigor, challenge, and stimulation for Honors Scholars. With the goal of impacting the intellectualization of the entire campus and community, the Program meets twenty-first century challenges facing the College, the local community, the state, the nation, and the world. Its mission is to enhance intellectual, cultural, social, spiritual, global, and career opportunities for highly selected, motivated, enthusiastic and critically inquisitive students. The Honors Program achieves its mission by providing exceptional stimulation and challenges to the participants, thus expanding their global horizons and academic expectations. Honors Scholars are expected to study, conduct research, and participate in academically challenging experiences, domestic and international. The distinguished Honors faculty from each academic department design all Honors courses to include a program of study that is writing and research intensified, technologically enhanced, and globally focused.

HONORS SCHOLARS PROFILE

The Honors Program is uniquely designed for any student who is interested in honing his/her academic prowess and pursuing the Honors challenge. Honors scholars generally possess the following characteristics:

- A seriousness of academic purpose through active engagement.
- A desire to surpass passive learning.
- An intellectual curiosity that supersedes an obsession with grades.
- A drive that seeks success rather than avoid failure.
- The courage to demonstrate superior, ethical leadership.

BENEFITS OF HONORS PROGRAM

In addition to participating in enriched courses with others of a similar scholastic attitude, the student may receive or take advantage of the following:

- Special honors designation on diplomas that will attract special attention from graduate schools and employers.
- An exclusive Capstone commencement recognition
- Special Honors stoles to be worn with graduation regalia.
- Distinguished recognition and Bronze Medallion for **Scholars Paw** Meritorious Engagement
- Special Honors pin to be worn at formal Honors and Convocation activities
- Individualized guidance in preparing resumes and/or applications for fellowships and postgraduate study.
- Eligibility for scholarships and internships.
- Participation in professional and/or cultural engagement opportunities
- Recognition during convocation and commencement

EXPECTATIONS OF THE HONORS SCHOLAR

Participants are expected to be Engaged Scholars through four-tiered options offered by the Honors Program that enhance the regular university experience:

- **Academic Engagement** to nurture students' intellect.
- **Experiential-Leadership Engagement** to cultivate a learning community and foster ethical leadership.
- **Cultural-Global Engagement** to raise levels of introspection regarding cultural heritage and cultural immersion
- **Professional Engagement** to showcase post-graduation through capstone commitment

ADMISSION

The Honors Program admits freshmen during the second semester of their enrollment based upon the criteria below achieved during the fall semester. Students from other levels of classification and transfer students may apply for admission based upon the same criteria, in addition to their feasibility to complete the requirements for graduation.

- Minimum grade point average of 3.4
- Completion of 13 semester credit hours at Benedict College
- Completion of 10 hours of service-learning
- Enrollment in Purple Briefcase with a completed resumé
- Completion of Honors Program Application Packet
- Essay completion indicating interest, qualifications, and engagement
- Submission of Recommendation Forms from two faculty members

REQUIREMENTS FOR GRADUATION

To graduate with the distinction of an Honors Program Scholar, a student must complete requirements in the following four categories for indicating Engaged scholarship:

I. ACADEMIC ENGAGEMENT

1. Maintain a 3.4 cumulative GPA (granted one semester of probationary status below 3.4)
2. Complete 24 Semester Credit Hours of Honors Courses
Honors course credit hours are earned via Honors designated or Honors Contract Courses:

A. Honors Designated Courses

- ❖ **Honors Designated** courses are Honors sections of general education courses and/or Honors cross-disciplinary courses that are sections of courses with the "H" designation (i.e. ENG 131H).

B. Honors Contract Courses

- ❖ **Honors Contract** courses are regular sections of general education sections not designated as Honors and/or departmental courses in the scholar's discipline for which students seek the agreement of faculty to expand learning in the course by providing academic components of the requested course that meet the Honors course criteria. One required contractual course is the Research course in each scholar's discipline where a senior thesis or project is completed. It is required that each scholar incorporates appropriate Honors course criteria into the Capstone Senior research. Internship courses are excluded as Contract courses.

C. Join Academic Teams, Study Abroad, or Study Away

- ❖ Courses are attached to participation in the following: Honda All-Star Academic Team, Model United Nations, Debate/Oratorical Teams, Study Abroad and Study Away. If unable to enroll in the requisite course, students can earn 3 SCH's of Honors

internal credit.

HONORS COURSE CRITERIA

Honors by nature is experience in education. Honors for Benedict College is a step further; it is Intentional Engagement, and not the sole misconception academic acceleration. Honors courses are not to be “harder.” They are to be different and analytically engaging through the integration and emphasis on any combination of the following Honors course criteria:

- ❖ Writing/Research
- ❖ Technology
- ❖ Service-learning
- ❖ Globalization

II. EXPERIENTIAL-LEADERSHIP ENGAGEMENT

1. Maintain a current status in Purple Briefcase
2. Complete **LATTE Initiatives: Literacy through Activism, Texts, and Technological Engagement Initiatives** **4 per year (a minimum of 12 for graduation)**
3. Participate in at least one local, national, regional, or state conference, including Honors Conferences.
4. Complete 40 hours of engagement in Honors related-approved service

III. CULTURAL-GLOBAL ENGAGEMENT

1. Attend **Black Intelligentsia** Collegiate Honors Series (*A minimum of 4 for graduation*)
2. Pursue one of the following co-curricular experiences: Study Away, Study Abroad, or Internship *beyond the required major course*

IV. PROFESSIONAL ENGAGEMENT

1. Present a Senior Honors-level Electronic Portfolio of the summative Honors Experience
2. Take at least one graduate or professional school entrance examination
3. Proof of application to any one of the following: two graduate or professional schools, Employment or Military Service.

WAIVERS FOR HONORS REQUIREMENTS

- **Evidence of Study Abroad** will count as a waiver for any one of the criteria: (one) honors course, a graduate or professional school entrance examination, or **one** graduate school application.
- **Evidence of a Job Offer** will count as a waiver for both graduate or professional school entrance examination and two graduate school applications.

OTHER PROGRAM REQUIREMENTS

Honors scholars are required to actively participate in Honors program meetings and Honors related activities, including, Fall Convocation, Founder’s Day Convocation, Annual Honors Induction Ceremony, and other scholarly activities as communicated by the Director.

THE CAPSTONE CEREMONY

Students who successfully satisfy the requirements of the Honors Program Graduate, will participate in the Annual Capstone Commencement Ceremony and will graduate with the distinction of Honors Program Graduates. The premiere Capstone Ceremony was held on May 9, 1990. During all Capstone Ceremonies, the Torch of Knowledge is passed to a representative from the rising senior class, and Honors Program graduates receive Encomiums of Excellence, and a Benedict College Honors stole to be worn with their academic regalia on Commencement Day. Honors Program graduates give special recognition to their parents who receive Encomiums of Parental Excellence and a yellow rose.

THE SCHOLARS PAW BRONZE MEDALLION FOR MERITORIOUS ENGAGEMENT

Established in 2020, the name *Scholars Paw* was developed to represent Honors scholars who commit to leaving their “footprints of excellence” with the Program by surpassing the minimum graduation requirements. These scholars are eligible to receive a Bronze Medallion for Meritorious Honors Engagement, and their names will be printed on a plaque in a distinct area at the College.

SCHOLARS PAW CRITERIA

1. Exceed the minimum outlined Honors graduation requirements for each category
2. Participate in the full scope of career readiness and/or Honors approved leadership development trainings
2. Complete a minimum of 100 service hours dedicated to the advancement of exemplary Honors engagement and leadership – *beyond the academic requirement of service-learning.*
4. Fulfill consistently all the Other Program Requirements criteria of the Honors Program

THE HONORS PROGRAM CURRICULUM

The major focus of the Honors Program curriculum is to engage Honors students and faculty in intellectual inquiry beyond the mere classroom proper. Honors courses ensure that each student experiences an emphasis in writing, technology, research, leadership, and internationalism. As well, Honors courses afford students active participation in specific structural service learning and leadership development programs as community members of the Honors Program.

Honors Courses at Benedict College are writing-intensive that acculturate Honors Scholars to the graduate and professional academic world, preparing them to conduct research and make intellectual contributions to their fields; technology-intensified courses that connect Honors Scholars to the global society; service educational oriented, thus providing opportunities on a campus-wide, local, state, national, and international level honing the Honors Scholars' special skills and developing expertise, especially via teaching; and internationally focused, thus encouraging students and faculty to engage in the critical dialectic of international issues and providing opportunities for proactive participation in these discourses.

The Honors Program employs an interdisciplinary approach to systemically engaging students and faculty in research projects that require scholars to analyze, synthesize, and evaluate from multiple perspectives. The purpose is to provide an integrated understanding of the great themes of human inquiry and expression in science, politics, economics, social thought, the literatures and the arts.

HONORS PROGRAM CURRICULUM

Analysis and Communication

ENG 131H Analysis and Argumentation	3 credits
ENG 132H Information Literacy and Research	3 credits
ENG 237H Oral Communication	3 credits

Global and Intercultural Learning

ENG 231H Literature for Life	3 credits
ENG 232H Masterpieces of World Literature	3 credits
HIST130H African American History	3 credits
HON 230 Argumentation and Debate I	3 credits
HON 233 Introduction to Global Knowledge	3 credits

Quantitative Literacy

MATH 132H Gen. College Math	3 credits
MATH 134H Gen. College Math II	3 credits
MATH 138H College Algebra	3 credits
MATH 140H Precalculus	4 credits
MATH 141H Business Calculus	4 credits
MATH 143H Calculus I	4 credits
MATH 144H Calculus II	4credits

Research Series

HON 411 Senior Research	1 credit
HON 412 Senior Research II	1 credit

Honors Electives Series

HON 230	Argumentation and Debate I	3 credits
HON 231	Argumentation and Debate II	3 credits
HON 233	Introduction to Global Knowledge	3 credits
HON 330	Academic City	3 credits

HON 331	Contemporary Problems and Issues	3 credits
HON 332	Effective Strategies for Intellectual Independence	3 credits
HON 333	Independent Study	3 credits
HON 337	Research Strategies	3 credits
HON 338	Research Technology	3 credits
HON 340	International Exploration I	4 credits
HON 341	International Exploration II	4 credits
HON 440	Honors Internship	4 credits

HONORS PROGRAM CAMPUS ACTIVITIES AND ORGANIZATIONS

FRESHMAN HONORS IMMERSION PROGRAM

Scholars who receive the Founders, Trustee, and Presidential Scholarships, upon admission to Benedict College, are automatically placed in Honors courses. Students in this program have demonstrated that they are scholars and have excelled in their academic performance prior to entering Benedict College. These students rank in the top 25% of their class. The Director of the Honors Program (or a designee) guides their Honors immersion for the first year. Honors scholars mentor the freshmen to help manage their transition to college. After earning 13 hours of course credits and a cumulative 3.4 grade point average at Benedict College, these students are duly inducted into the Honors Program.

HONDA ALL-STAR CHALLENGE TEAM

The Honda All-Star Academic Quiz Bowl Team is a group of students who represent the College in academic competitions and showcase their ability to answer questions in categories including science, current events, literature, history, and general knowledge.

HONORS STUDENT ASSOCIATION

The Honors Student Association (HSA) provides a collective voice for scholars of the Honors Program through meetings and initiatives. Scholars are provided leadership service opportunities on the Honors Executive Leadership Council. HSA is designed to promote community amongst scholars primarily through the development of student-led initiatives that address issues related to Honors education locally, nationally, and internationally.

HONORS ACADEMIC & OUTREACH PROGRAMS

COLLEGIATE AMBASSADORS

This program seeks to engage Scholars and enhance their visibility in college-sponsored programs where students are required to serve in leadership and coordination roles.

IN THE SPIRIT

In the Spirit provides prayer and worship opportunities for Honors Scholars. Scholars have the latitude to facilitate collective prayer meetings, Bible study, worship services or other spiritual activities.

PROJECT REACH/PROJECT IMPACT

The Honors Program, in partnership with the Student Success Center Tutoring Services, supports Honors Scholars as they provide tutorial services to the college and wider community.

EXTENDED LEARNING SERVICES

The Office of Extended Learning Services provides coordination for support services of the continuing education programs offered at campus locations as well as off-site locations. The unit assists prospective and current adult and nontraditional populations with successfully navigating all facets of the educational experience. Services include assistance with admission, registration, financial aid, technology, and tutoring support. The office oversees the evening and weekend educational programs and coordinates facility use of the Milton Kimpson Center for Graduate and Continuing Studies.

Continuing education through the Office of Extended Learning Services currently coordinates two degree programs: B.A in Interdisciplinary Studies and B.S. in Business Administration through the School of Humanities, Arts and Social Sciences and the Tyrone Adam Burroughs School of Business. Both degrees follow the programs of study listed in the respective schools. Course delivery and times are designed to be sensitive to the often challenging schedules of working adults and nontraditional populations.

The Office of Extended Learning Services offers both evening and a weekend classes. Evening Classes are offered principally after the regular workday between the hours of 6:00 p.m. – 10:00 p.m., Monday – Friday.-Saturday classes run between 8:00 a.m. and 6:00 p.m. The major goal of the evening and weekend program is to help the adult learner balance the need for educational improvement and lifelong learning with family obligations, work responsibilities and other commitments.

EXTENDED LEARNING SERVICES**ADMINISTRATION**

Director, Ms. Rosalyn Tucker

Campus Activities and Organizations

Association of Continuing Education Students (ACES)

MISSION OF THE OFFICE OF EXTENDED LEARNING SERVICES

The Office of Extended Learning Services is committed to providing quality education services for adults and nontraditional students.

General Academic Policies and Procedures for Extended Learning

Candidates for degree completion must:

- apply to the College using the Continuing Education application
- meet all College acceptance requirements
- be a nontraditional student over the age of 25 (exceptions may be given with director approval)
- major in one of the required disciplines (Interdisciplinary Studies or Business Administration)
- meet with an Extended Learning staff member to plan academic matriculation

Extended Learning Services candidates for graduation must:

- complete at least 25% (or not less than 32 semester hours) of the courses needed for graduation at Benedict College
- have a minimum GPA of 2.0
- earn a minimum grade of “C” in all courses in the major.
- complete 37-39 semester credit hours of general education courses
- complete a minimum of 128 semester credit hours
- earn a minimum of a “C” grade in the following general education (core courses):

ENG 131 Analysis and Argumentation
 ENG 132 Information Literacy and Research
 MATH 132 General College Math I
 MATH 134 General College Math II
 or
 MATH 138 College Algebra
 MATH 140 Pre-Calculus

SEMINAR SERIES

The Extended Learning Services programs are comprised of nontraditional working adults. Candidates who are pursuing the Interdisciplinary Studies degree must complete four hours of Personal and Career Development courses.

SERVICE LEARNING

Extended Learning Services students are not required to complete the Service Learning hours.

CREDIT FOR PRIOR LEARNING (CPL)

The adult learner may be able to earn college credit for what they already know. Benedict College recognizes the relevance of classrooms without walls and that learning is a continuous and dynamic process that can take place in settings outside of the formal classroom. The College will award credit for learning acquired as a result of professional experience and professional development activities such as workshops or other life experiences that meet the established criteria. The student, however, must be able to document and demonstrate the learning as outlined in the general admissions policies of the college.



ACADEMIC DEPARTMENTS

CROSS-DISCIPLINARY COURSES

There are several courses which cut across academic areas, as well as incorporate co-curricular enrichment experiences. These courses are designed to enhance students' academic, social, and personal development.

The Seminar Series Courses

School or discipline designation 111 The College Experience I credit 1 hr.

This course is designed for first year students at Benedict College to support new students' adjustment to increased academic rigor and to campus life at Benedict College. As they transition, College Experience I guides students, helping them to navigate college processes, systems and resources to achieve their academic goals. Topics addressed in College Experience I include college policies and procedures, professor-student dynamics, professional etiquette, time management, study skills, introduction to service-learning and others relevant to the first semester college experience.

School or discipline designation 112 The College Experience II credit 1 hr.

This course is a continuation of College Experience I. It is designed to support first year students, including transfers, as they transition to Benedict College and work to achieve their academic, professional and personal goals. Primary topics and activities include self-assessment and review of academic performance, career exploration, African-American heritage, campus life, financial literacy, alcohol and drug awareness, campus support services, service-learning and college policies and procedures.

School or discipline designation 221 Professional Pathways Development credit 2 hrs.

This course is designed to help the student map career pathways, develop essential life skills and tools for gaining and sustaining employment. The course will also help the student develop strategies for promotion and techniques for exploring new career opportunities.

AA 230 The Republic of Plato and the Construction of Justice credit 3 hrs.

This course provides students with an interdisciplinary approach to the construction of justice from Hesiod through the New Testament. Although the course is organized around the philosophical and political discourse on justice as presented in Plato's Republic, the student will have an opportunity to investigate alternative constructions of justice as they appear within the Ancient Hellenic texts including Homer and Hesiod as well as within Old and New testaments traditions. Course requirements: class participation and a research paper or project. Papers (projects) should integrate class materials into an analysis of a concrete socio-economic problem within the black community of Columbia, SC. Prerequisites: None

AA 235 - Intercultural and Career Competence credit 3 hrs.

This course is intended for students who study away and/or study abroad as it introduces intercultural communication and/or career competencies in diverse contexts. The course is grounded within key historical and contemporary political, cultural, and societal contexts that shape and cutting-edge professional proficiencies that impact ethnic and racial identities with people from the U. S. and people from different cultures. **Students may earn a maximum of 20 service-learning hours, as applicable and approved**

AA 261 Cooperative Education credit 6 hrs.

Cooperative Education is a program of learning in which off-campus experience is made an integral part of the students' educational program. It involves a formal sequence of employment correlated with studies being pursued, and a careful reporting of performance, attitude and ability of the student on the job with a view of helping the student grow and improve his/her capabilities. In essence, the cooperative education student receives (1) practical education, (2) a competitive salary, and (3) contributes to the employer's productive work effort.

Honors Program Courses

The School of Honors has designated cross-disciplinary courses. These courses are distinctly designed to engage students in study, research, and academically challenging experiences, both domestic and international. Descriptions of departmental courses may be found under their respective departmental listings.

DEPARTMENTAL HONORS COURSES

ART 130H	Foundations: Art Appreciation
BA 130H	Introduction to Business
BIO 443H	Cell and Molecular
ENG 131H	Analysis and Argumentation
ENG 132H	Information Literacy and Research
ENG 231H	Literature As Life
ENG 232H	Masterpieces of Word Literature
HE 230H	Health Education
HIST 130H	Intro. To African American History
HIST 131H	World Civilization I
HIST 132H	World Civilization II
HIST 231H	U. S. History I
HIST 232H	U. S. History II
HIST 430H	The Civil Rights Movement
MATH 138H	College Algebra
MATH 140H	Precalculus
MATH 143H	Calculus
MUS 230H	Music Appreciation
REC 331H	Leadership and Group Dynamics
SOC 339H	Cultural Anthropology
SW 436H	Women's Issues in Contemporary Society
THE 230H	Theatre Appreciation



DEPARTMENTAL HONORS COURSES

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in the honors courses with the permission of the instructor. Students may earn honors credits in designated General Education course or in regular classes. Students interested in more information should confer with the Director of the Honors Program.

Hon 211 Academic Tournament**credit 1 hr.**

This course is designed to introduce students to collegiate academic tournaments and other competitions. The course provides contextual skill-building for recruitment in academic scrimmaging and competitions.

**HON 230 Argumentation and Debate I
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course examines techniques for analyzing and constructing arguments, the elements of formal and informal debate, and the uses of proofs, evidence and logic. Furthermore, consideration will be given to major issues of argumentation such as the ethics of persuading audiences and the uses of style. The focus of this course is disciplined disagreement, rational rebuttal, and calm confrontation. Students may earn a maximum of 20 hours of service-learning credit. This course is an option for the General Education requirement of Global and Intercultural Learning.

HON 231 Argumentation and Debate II**credit 3 hrs.**

This course is a continuation of HON 230. This further course examines techniques for analyzing and constructing arguments, the elements of formal and informal debate, and the uses of proofs, evidence and logic. This is a core class for students interested in participating in the College's Model United Nations, Model African Union, and/or Oratorical initiatives and competition.

**HON 233 Introduction to Global Knowledge
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The purpose of this course is to introduce students to a broad range of global issues. Students will explore interconnected global issues focused on areas of knowledge, including history, literature, science, fine arts, current events, popular culture, sports, and more. The course is designed for students seeking non-traditional global learning that combines traditional research, critical thinking, and reasoning development and academic competition methodologies. **Students can earn a maximum of 20 hours of service-learning credit. This course is an option for the General Education requirement of Global and Intercultural Learning.**

HON 330 Academic City**credit 3 hrs.**

Academic City is an active learning designed course for students participating in the College's academic tournaments, including, *Honda Campus All-Star Challenge* and *The HBCU Quiz Bowl*. This class emphasizes knowledge building, technical skills development, and academic scrimmaging.

HON 331 Contemporary Problems and Issues**credit 3 hrs.**

This course provides opportunities for students to further enhance their research, critical thinking, and reasoning skills by exploring contemporary national and international topics of debate.

HON 332 Effective Strategies for Intellectual Independence**credit 3 hrs.**

This course provides Honors Program students the highest levels of effective strategies and tools used for success in post-graduate schools, professions and occupations.

HON 333 Independent Study**credit 3 hrs.**

This course is designed to further enhance reasoning, critical thinking, and research skills through reading and writing. Under the supervision of the thesis advisor and an instructor with expertise in the appropriate discipline, the students will engage in extensive research culminating in a scholarly research thesis which addresses a current issue.

HON 337 Research Strategies**credit 3 hrs.**

This course provides a thorough understanding of scholarly research methods and strategies in

research work in a contemporary academic environment. Additionally, students become familiar with current versions of citation styles and their use in online applications. **This course is cross-listed with research methods courses across the disciplines.**

HON 338 Research Technology**credit 3 hrs.**

Students will learn resources available to support research and technology for research and design. Emphasis is placed on library skills and technology. Students will also learn how to critically evaluate the validity, reliability, and limitations of research results. Emphasis will be placed on Students will be introduced to the importance for the adherence of research academic integrity. **This course is cross-listed with research capstone courses across the disciplines.**

HON 340 International Exploration I**credit 4 hrs.**

This course provides the opportunity for students engaging in international immersion and study to develop special topics that will further enhance their research and reasoning skills through the exploration of international issues under the supervision of an Honors research advisor.

HON 341 International Exploration II**credit 4 hrs.**

This course provides the further development of special topics relative to international issues for students who continue international immersion and study under the supervision of and Honors research advisor.

HON 440 Honors Internship**credit 4 hrs.**

This course involves the placement of Honors students with agencies and organizations for student engagement in special projects to hone their practical and professional skills in specialized areas, under the supervision of an assigned Honors advisor and/or faculty. Students must complete number of hours specified by the scholar's discipline. **This course is cross-listed with Internship courses across the disciplines.**

HON 411 Honors Research Seminar**credit 1 hr.**

This seminar introduces Honors Program students to advanced study in both research and the formulation of ideas related to the student's specific academic area. The student will select a thesis topic, conduct a literature search, and by the end of the semester, present a proposal for approval.

HON 412 Honors Research Seminar**credit 1 hr.**

This seminar is a continuation of Hon 411. The course requires students to meet weekly with the instructor and thesis advisor. A draft of the thesis must be completed by midsemester. All these must be defended and completed prior to graduation.

LEARNING RESOURCES CENTER

The Library provides the staff, services, resources and technology which enable the College to fulfill its obligations to students, faculty, and staff relative to the overall institutional mission and purpose as well as to serve as a strong informational resource for the community in which it resides.

Named for Dr. Benjamin F. Payton, the 10th President of the College, the Learning Resources Center was completed and dedicated in 1974, replacing the old J.J. Starks Library built in 1937. In 2010, the Learning Resources Center was renovated to its present day decor. The Library is a 66,972 gross square feet facility which comprise of a technology-enhanced Mobile Multimedia Center and an Archives Center. The Library is open 81 hours a week, including nights and weekends. The Library has a seating capacity of 540. A ramp is conveniently located for accessibility to the building and an elevator is accessible from all floors.

The Learning Resources Center book collection consists of more than 130,000 printed volumes with access to over 400,000 electronic books (eBooks). The Library's maintains 3,000 owned eBook titles and are making pivotal advances toward the growth of this collection. The Mobile Multimedia Center's (MMC) media collection provides access to 30,000 streaming videos through Kanopy and 2,650 physical media pieces. The Library subscribes to both electronic and physical scholarly journals. Electronic databases, eBooks, electronic journals, and streaming educational videos are accessible digitally and are readily available to students, faculty, and staff, both on and remotely, from any technology device with internet capability, whether the physical Library facility is open or closed. The currency of library collections as well as their formats are continuously evaluated by faculty and librarians.

The Benjamin F. Payton Learning Resources Center makes available a variety of technology-oriented and resource sharing services. The library's new integrated library management system (ILMS), ExLibris (June 2020), allows library users to search Primo, the library's online public access catalog (OPAC) for books, journals, government publications, and media resources in both digital and print formats, from campus or remotely. The ExLibris ILMS is intrinsic and operable to the College campus, but also provides an interconnected platform for shared resources among 56 South Carolina academic libraries. Through membership, these libraries comprise the Partnership Among South Carolina Academic Libraries (PASCAL) Organization which structurally maintains a shared library platform system that provides students, faculty, and staff at each institution with access to nearly **12 million library resources**. Additionally, through the internet, the library's web page, <https://www.benedict.edu/library/> provides users with access to the library staff; the online catalog; electronic and digital resources; reference, government, media, archival resources; reference and digital assistance; PASCAL's book delivery services; interlibrary loan; library policies and procedures, and other types of related services. The Library's Computer Research Center (CRC), equipped with numerous computers, provides a place for library users, on the plaza (main) level, to physically access electronic databases, digital resources, and internet services. The Mobile Multimedia Center (MMC), located on the Library's court (ground) level, boost a variety of media hardware and software that augments students, faculty, and staff need for interactive tool and instructions. The Learning Resources Center receives system support from the library's Information Technologist as well as the College's Chief Information Officer and information technology staff.

The Benjamin F. Payton Learning Resources Center offers a number of student-focused and instructional services, including reference, circulation, research instruction, computer access, printing and document scan, media, archival, PASCAL Delivers book service, and interlibrary loan (ILL). Both reference and circulation services are accessible from the centrally located information services desk on the Library's plaza (main) level. The Library's Information Literacy Program is tailored to meet the needs of students, as well as faculty, and staff through group seminars or individual consultation. Student-oriented library programs place emphases on research methodology and critical thinking, instruction, self-development, and the development of lifelong learning research skills. Media Services provides access to a collection of visual, audio and digital resources that augment the College's academic curriculum. Archival Services provides access to the College's historical materials that document the origin and development of Benedict College and the achievement of its officers, faculty, staff, students, alumni, and the greater community. Acquisitions and Collection Development Services provides faculty, staff, and students with the opportunity to contribute to the development of the library's collections. In addition, the Library is a selected federal depository for U.S. government publications.

All services are offered during regular hours of operation.

The Benjamin F. Payton Learning Resources Center engages in cooperative initiatives that serve to broaden the scope of academic resources for its library constituents. The Partnership Among South Carolina Academic Libraries (PASCAL) organization and the Historically Black Colleges and Universities (HBCU) Library Alliance are collegial partnerships in which the library participates. Additionally, the Library is a member of LYRASIS, the nation's largest cooperative regional network, and OCLC, Inc. (Online Computer Library Center, Inc.), an international bibliographic network. The Library is an active member of the Society for the American Archivist. The Benjamin F. Payton Learning Resources Center (Library) adheres to the standards of the American Library Association.

The Library reports to the Office of Academic Affairs, under the leadership of the Vice President for Academic Affairs and Associate Vice President for Academic Affairs.

SUMMER SCHOOL

The Benedict College Summer School currently consists of one four-week session and is coordinated through the Office of Academic Affairs. The summer school serves these purposes:

Students who are admitted provisionally are required to attend the Summer Bridge Program and attain a minimum grade point average of 2.00 in order to earn full admission to Benedict College.

Students enrolled at Benedict may take courses to improve previous grades, raise their grade point averages, or advance their classification.

Students from other colleges may take courses for credit.

High school students may take courses during the summer before or after their senior year to qualify for advanced standing upon entrance to college.

Teachers may take courses for certification.

Others may take courses for degree or non-degree credit. Persons may audit courses.

**ACADEMIC POLICIES, PROCEDURES AND REGULATIONS
GENERAL REQUIREMENTS FOR DEGREES****REGISTRATION**

-Students may complete early registration in the College's online registration portal during the time period designated in the applicable Academic Calendar. A student is officially enrolled at Benedict College when he/she attends every class on his/her schedule at least once and is financially cleared by Student Accounts.

A full-time student in good academic standing is required to take at least 12 semester credit hours, but no more than 19 credit hours per semester. However, the school dean may, after considering the student's academic record, extracurricular activities, and extenuating circumstances, allow a student to register for more than 19 credit hours per semester if:

1. the student has achieved a cumulative grade point average of 3.6 or better in the preceding semester, or
2. the student is a graduating senior in the preceding or final semester of matriculation.

Requests by students to take more than 19 sch during a given semester in which they are also enrolled in an internship or directed teaching class will not normally be approved but will be reviewed on case-by-case basis by the appropriate department chair, dean, and vice president for academic affairs. Any student who receives approval to take more than 19 hours will be charged the prevailing tuition rate and fees per additional semester credit hours.

ENROLLMENT STATUS (FULL/PART-TIME)

To be considered full-time, a student must enroll for a minimum of twelve (12) semester credit hours each semester. Any student enrolled for less than 12 semester credit hours is considered a part-time student. Part-time students are students who are enrolled in fewer than 12 semester credit hours.

COURSE CHANGES

Students may add and drop courses within the time period designated in the applicable Academic Calendar. Students may not drop/add courses before completing at least 60% of the term without the appropriate signatures from the Offices of Academic Affairs, Student Accounts, and Financial Aid. Course changes must be completed in the official registration system.

COURSE CHANGES

Students may add and drop courses within the time period designated in the applicable Academic Calendar. Students may not drop/add courses before completing at least 60% of the term without the appropriate signatures from the Offices of Academic Affairs, Student Accounts, and Financial Aid. Course changes must be completed in the official registration system.

CLASS ATTENDANCE

The College believes that class attendance and participation are integral to the success of each student. Given this philosophy, faculty are required to record attendance in the applicable learning management system for all their classes for two weeks beyond the census date. Additionally, student class attendance will be verified at midterm and after 60% percent of the class has passed. For all courses, including hybrid and online courses, specific details are to be provided by faculty in each course outline informing students of the required participation in virtual and in-person class sessions and activities. Faculty are encouraged to discuss with students the attendance and participation expectations, especially if they consider attendance as a factor in determining the final grade. Faculty may also initiate written requests through their department chairs and deans to have students withdrawn administratively from their classes before the last day to drop a class as designated in the Academic Calendar if students have not participated virtually or attended enough classes to master the course learning objectives.

Students are required to inform faculty in advance of class absences whenever possible. However, students may be allowed excused absences for emergencies such as the following: personal illness, severe family illness, death in the family, and court action. Students may also be excused from classes to participate in College activities such as field trips, academic tournaments, scholarly

research and presentations, off-campus choir tours, band, dance and theatrical performances, ROTC, and athletic activities. Students may obtain official college excuses from the Vice President for Student Affairs upon presentation of satisfactory documentation.

Students who are absent from class for more than 50% of class sessions or learning activities (or who do not participate for two consecutive weeks) may be recommended by the faculty for administrative withdrawal. Students are responsible for informing the Office of Student Affairs when they will be absent or inactive for an extended period of time so that the appropriate academic actions can be completed. Documentation must be presented by the student and approved by the Office of Student Affairs in order for an Incomplete designation to be considered. Faculty are not required to provide opportunities to make up work in cases where an official college excuse has not been issued to the student.

Students are required to present the official college excuse to the faculty member within one week after they return to class. Faculty members are required to accept official college excuses for absences without penalty. Although students may be granted excused absences, such absences do not excuse students from assignments that are missed. Faculty members are required to permit make-up work for excused absences.

Students may be considered absent excessively when the number of absences from the class exceeds the number of credit hours for the course. However, faculty members will specify on their course outlines how specific class attendance may affect the grading requirements for the class.

ATTENDANCE GUIDELINES FOR ONLINE CLASSES

A student attends an online course (or the online portion of a hybrid/blended course) by participating in class or otherwise engaging in an academically related activity. Examples of such activity include but are not limited to: contributing to an online discussion or text chat session; submitting an assignment or working draft; working through exercises; taking a quiz or exam; viewing or completing a tutorial; or initiating contact with a faculty member to ask a course-related question. Such academically related activities readily tracked and documented through the College's learning management system, email system, and in some cases, publisher websites.

Documenting that a student has logged into an online class or website is not sufficient, by itself to demonstrate academic attendance by the student. For example, if a student simply logs into an online course on September 15 and logs out, without any further activity, the student did not attend the online class on that day.

CLASS MEETING TIMES:

Traditional Classes

Except for laboratory courses and performance courses, classes meet a minimum of 50 minutes per week per credit hour. A three-credit hour course that meets only twice a week meets for a minimum of 75 minutes each time. Courses may meet for more than 50 minutes per week if in the opinion of the College additional time is needed to achieve the desired student learning outcomes prescribed for the courses.

Blended/Hybrid Courses

Taking advantage of the newest technology, the College offers courses in its curriculum through a learning management system (LMS) that allows students to access course outlines, assignments, projects, discussions, tests, and other course components. These courses include *Blended* and *Hybrid* courses that have the same requirements as those taught entirely within the classroom including academic standards, contact hours, performance criteria, student participation, and integrity.

A **Blended** course is a course that has an online presence to augment the standard face-to-face meeting times. Benedict College utilizes the LMS, Edvance360. Many course components, including the syllabi, resource materials, assignments, etc. will be posted in the learning management system (E360).

Hybrid courses meet a minimum of 25% (up to 75%) of the required meeting time face to face. The remainder of the required course time and class activities is conducted online or independently with

guidance from the Instructor. Faculty may also require students to take some tests, examinations, and present major projects on-site.

Online Courses

Benedict College offers a variety of Online courses across all disciplines. The courses are designed based upon the Quality Matters Standards for best practices in online and blended courses. Each course has been certified through Benedict's eCollege Certification program. Online courses are conducted totally online and can be self-paced or Instructor driven, depending on the nature of the course. All online courses utilize free open-source educational materials that are provided within the course on Edvance360. Online courses are clearly designated in the master course schedule and are offered during for all terms. Benedict College does not offer any online programs of study.

AUDITING

Permission to audit a course may be obtained from the Registrar and Director of Student Records. The student must pay a course audit fee and obtain the approval of the instructor of the course, the department chair, and the school dean.

GRADING SYSTEM

Benedict College uses the following system of grading student performance.

Grade	Meaning	Numerical Equivalent	Quality Points Earned
A	Superior	90-100	4
B	Very Good	80-89	3
C	Acceptable	70-79	2
D	Passing, but Weak	60-69	1
F	Unsatisfactory Below	60	0
I	Incomplete		0
W	Withdrawal - Official from the College		0
WC	Withdrawal- (Drop) From a course or courses		0
WU	Withdrawal – Unofficial		0
WS	Withdrawal - Special Circumstances		0
WA	Withdrawal – Administrative (for academic, disciplinary, or any reason as determined by the College)		0
AU	Audit		0

STUDENT CODE OF ACADEMIC RESPONSIBILITY

Strength of character is as important as academic achievement; therefore, the College expects everyone in the academic community to maintain personal integrity and avoid any conduct designed to gain unfair advantage in obtaining a grade or assessing academic performance. Academic dishonesty may include but is not limited to plagiarism, cheating, falsification of records, and collusion with others to defraud. Any student found guilty of academic dishonesty will be subject to disciplinary action which may include loss of credit, suspension, or dismissal from the College.

INCOMPLETE GRADES

An Incomplete (I) is given, upon approval of the faculty member, when illness, excused absences, or other legitimate reasons prevent the student, who ordinarily has completed at least 60% of the course and projects to pass it a course. If the student is prevented from completing the course, taking the final examination or completing a major class project on time, he/she may request an "I" designation from the instructor. The faculty member must complete the Approval to Assign an Incomplete (I) designation form which lists all the requirements that the student must complete in order to remove the I designation by approximately December 1 (for "I" grades assigned in spring semester or summer session) or approximately May 1 (for "I" grades assigned in the fall semester). The actual dates will be designated in the prevailing academic calendar and are subject to modification according to circumstances. An Incomplete which is not adjusted during this period becomes a failing grade of "F" unless the faculty member requests an extension, based upon extenuating circumstances, to the next prescribed deadline period. The form will be signed by the faculty member and preferably the student (if currently enrolled) and approved by the department chair and dean. It must be submitted to the

Registrar's Office at the time that grades are submitted for the I to be accepted officially.

A student should not enroll in a class in which he/she has received an "I" (designation). Rather the student is only obligated to complete the requirements as outlined on the Approval to Assign an Incomplete Designation form. Based upon the student's class schedule, he/she may sit in the class in which the incomplete is being removed to complete the designated assignments with permission of the faculty member.

REPEATED COURSES

It is the policy of the College that a grade will not be removed from a student's record for repeated courses. When a course is repeated to raise a grade, the higher grade will be counted in computing the grade point average. A student may not repeat a course for credit in which a grade of "C" or better has been earned except for major courses in social work. Additionally, unless approved through consortia agreement, a student may not repeat a course at another institution to remove a grade of "D" and "F" that was earned at Benedict College. Students may repeat a course once to achieve a higher grade. In these instances, the lower of the two grades will be excluded from the qualitative calculations; however, both instances are included in the quantitative calculation. If a course is repeated more than once, all additional attempts are included in both qualitative and quantitative calculations.

GRADE REPORTS

Grades for all course work are determined at the end of each academic term and may be viewed by students electronically. All students have a right to consult with faculty members to verify the accuracy of their grades and to receive an explanation for their grades were determined. Students may appeal or protest the grades assigned by the faculty member through the faculty member, the faculty member's departmental chair, and school dean. If the student is not satisfied with the outcome, he/she may appeal to the vice president for academic affairs no later than one academic year after the grade was posted, regardless of the enrollment status of the student. The president may review these decisions at his/her discretion.

TRANSCRIPTS

Transcripts of students' academic records are issued for students currently enrolled and to former students who left the College in good financial standing. Enrolled students may request transcripts for a modest fee, payable in advance. One transcript prepared by the Registrar will be furnished without charge to graduates, upon successful completion of academic, financial and other obligations to the College as appropriate. Former students, in good financial standing to the College, may request additional transcripts for a modest fee, payable in advance. Requesters should allow (five) 5 to seven (7) working days from receipt of request for processing transcript requests.

GRADE CHANGE POLICY

Under very strict conditions, faculty may change a grade assigned to a student. Upon approval, the grade is changed on the student's transcript by designated personnel in the Office of the Registrar. The school dean, vice president for academic affairs and the president may administratively change grades when, in their judgment, circumstances such as faculty error, incorrect calculations, unfairness, inconsistency, or violations of College policy so justify.

Acceptable reasons for changing a student's grade are:

1. Completion of work required to remove Incompletes;
2. A demonstrable error in the computation of a grade;
3. A substantial error in the evaluation of student performance;
4. Completion of course requirements not completed during preceding semester due to good cause such as illness, death in the family, military service, or other sufficient reasons;
5. Satisfaction of requirements for removing an assigned incomplete designation; and
6. Extraordinary circumstances as determined by the school dean, the vice president for academic affairs or the president.

All faculty-initiated grade changes must be approved by the department chair and school dean.

QUALITY POINTS

Quality points determine rank in class, academic honors, and satisfactory academic progress. To

graduate from Benedict College, a student must complete at least 128 semester credit hours with a cumulative quality grade point average of at least 2.0. Graduates in Teacher Education programs must also earn 2.75 cumulative grade point averages to qualify for graduation. Social Work majors must earn 2.50 grade point averages in their major courses.

CLASSIFICATION OF STUDENTS

Students are classified according to the number of credit hours completed. Classification is not necessarily related to the length of time that students attend the College.

FRESHMAN - one who has earned up to 29 semester credit hours.

SOPHOMORE - one who has earned 30-59 semester credit hours.

JUNIOR - one who has earned 60- 89 semester credit hours.

SENIOR - one who has earned 90 or more semester credit hours.

WITHDRAWALS

WITHDRAWAL--OFFICIAL (W)

A student may withdraw officially from the College during a given semester or session during the time period designated in the applicable Academic Calendar. For a student to withdraw officially from the College, he/she must notify the Office of the Registrar in writing of his/her intent to withdraw from the College or complete the College's official Student Withdrawal Form.

WITHDRAWAL- WITHDRAWAL (DROP) FROM COURSES (WC)

A student may withdraw or drop course(s) during a given semester or session within the time period designated in the applicable Academic Calendar in order to have the WC designation posted to his/her transcript. The hours attempted, however, will count in calculating the student's Grade Point Average.

WITHDRAWAL-- UNOFFICIAL (WU)

An unofficial withdrawal (without notification) occurs when a student no longer attends classes, but he/ she fails to complete the withdrawal process outlined under Withdrawal-- Official. The notification date for unofficial withdrawals for a student who attended at least one class is the midpoint of the semester or the College may use the student's last date at an academically related activity, as documented by the College. Any student who checks into the Welcome Center, clears registration financially, and receives a class schedule is considered enrolled in the College. Any student who does not clear the registration process is not considered enrolled in the College.

WITHDRAWAL-- SPECIAL CIRCUMSTANCES (WS)

If a student did not provide official notification of withdrawal during the semester in which he/ or she was currently enrolled, the College, through the Office of the Registrar, may consider documented claims from the student to be withdrawn for special circumstances relative to illness, accident, grievous personal loss, or other circumstances beyond the control of the student. All special circumstances must be made in writing to the Office of the Registrar, with appropriate documentation, no later than 45 days after the semester ends (particularly regarding financial considerations) in which the student claims special circumstances.

WITHDRAWAL-- ADMINISTRATIVE (WA)

Students may also be withdrawn administratively from the College at any time by the registrar and director of student records upon the recommendation of the vice president for academic affairs, vice president for student affairs, or declaration by the president. Such withdrawals may be made when students fail to meet financial obligations, for disciplinary reasons, for violations of academic regulations and policies, failure to pass any courses at the midterm of any given semester, failure to attend classes regularly, violation of class attendance policies, and for the good of the College.

WITHDRAWAL FROM BLOCK COURSES

Students enrolled in block and full-semester courses may drop full-semester or second block courses within the prescribed period in the prevailing Academic Calendar. However final grades that

have already been posted for Block I courses will remain on the official record (transcript). Students enrolled under these circumstances may not withdraw from the College during a semester where final grades have already been posted for courses. Students may drop or be administratively withdrawn from any courses in which they remain enrolled (Block II). However, they may not withdraw from the College in the Block II session in which grades have been officially recorded during Block I.

TAKING COURSES AT OTHER COLLEGES

Before taking courses at another college for transfer credit to Benedict College, a student must be in good financial standing and must have a minimum cumulative 2.0 grade point average. The student must secure prior approval by completing an "Academic Course Approval" form. Also, a student may not repeat a course at another institution unless approved through consortia agreement. During a regular semester, students may earn up to 19 semester hours at another institution. During the summer session, students may earn up to 14 semester credit hours (or 7 semester credit hours per session). A student may not repeat a course at another institution to remove the grades of D, F, or WC designation that were earned in those same courses at Benedict College. Exceptions to this policy must be approved by the dean or vice president for academic affairs.

GRADE POINT AVERAGE REQUIRED FOR GRADUATION

Students must have a Cumulative Grade Point Average of at least 2.00 in order to graduate. The total credit hours required to graduate are at least 128 but may vary depending on the student's major and degree sought. Candidates for the Bachelor of Social Work degree must earn a 2.5 cumulative grade point average in their major courses and students in the Educator Preparation program must maintain a 2.75 cumulative grade point average.

STATUTE OF LIMITATIONS

A student has the right to appeal a College decision up to one academic year after the ruling was determined, unless its expiration is prescribed otherwise, after the decision has been made. The College is under no obligation to hear appeals that are more than one academic year old.

Satisfactory Academic Progress Policy and Academic Sanctions

SATISFACTORY ACADEMIC PROGRESS (SAP)

Satisfactory Academic Progress is assessed at the end of each academic semester (including summer terms) for all enrolled students – both undergraduate and graduate, full- and part-time, and regardless of payment method or funding source. Students must meet both the qualitative (GPA) and quantitative (credit hours or pace) standards listed below to be considered in good academic standing. Students who meet both standards will be designated as *Meeting Standards*.

QUALITATIVE SAP STANDARD

To demonstrate Satisfactory Academic Progress, a student must earn a prescribed cumulative grade point average for each increment of credit hours earned. All local or transfer hours applicable toward completion of current and active degree programs will be counted in this calculation.

The minimum required grade point averages are shown in the chart below.

Cumulative Credit Hours Earned	Minimum Required Cumulative Grade Point Average
1 – 15	1.75
16 – 29	1.8
30 – 45	1.9
46 or more	2.0

QUANTITATIVE SAP STANDARD

In addition to maintaining the GPA standard listed above, all students must successfully complete 2/3 of the cumulative credit hours they have attempted. All local or transfer hours

applied toward completion of current and active degree programs will be counted in this calculation.

Cumulative Earned Hours /Cumulative Attempted

Hours = .666 or higher

SPECIAL CONSIDERATIONS

Transferred Credits:

Only those credits that are accepted and applied toward the student's current, active academic degree program(s) will be considered in both the quantitative and qualitative computations.

Withdrawals:

Withdrawals are not included in the qualitative calculations. However, a student who drops any course applicable to his/her current and active academic degree program(s) will have that course considered in the quantitative computations.

Incompletes:

Incomplete designations are not included in the qualitative calculations. However, credit hours for Incomplete courses are counted as hours attempted but not earned in quantitative computations. Incomplete designations must be completed by the deadline specified in the academic calendar; however probationary students are urged to satisfy course requirements and have incompletes removed as quickly as possible to remove the negative impact upon their academic record.

Repeated Courses:

Courses may be repeated once to achieve a higher grade. In these instances, the lower of the two grades will be excluded from the qualitative calculations; however, both instances are included in the quantitative calculation. If a course is repeated more than once, all additional attempts are included in both qualitative and quantitative calculations.

Academic Program Changes (Change of Major or Minor):

Only those credits that are applicable toward the student's current, active academic degree program(s) will be considered in both the quantitative and qualitative computations. Grades and credit hours associated with a previous academic program for courses that are no longer applicable to the student's current degree will not be considered in qualitative or quantitative calculations.

ACADEMIC SANCTIONS RESULTING FROM FAILURE TO MEET SAP STANDARDS

Students who fail to meet either the qualitative or quantitative standard will be subject to the following academic sanctions.

ACADEMIC PROBATION – LEVEL 1

A student who fails to meet either the qualitative or the quantitative standard will first be placed on *Academic Probation*. Students on *Academic Probation* may enroll in Benedict courses, but they must participate in the Academic Probation Management Program (APMP) and are subject to the academic and co-curricular restrictions outlined in their probation management plans. If a student is not enrolled the semester after being placed on probation, the one (1)-semester probationary period will begin when the student returns to the college.

Note: Students on *Academic Probation* will also be placed on *Financial Aid Warning*. During the period of *Academic Probation/Financial Aid Warning*, the student remains eligible to receive federal financial aid.

Students on *Academic Probation* are expected to take corrective action to fully meet the Satisfactory Academic Progress (SAP) standards listed above by the end of the probationary semester.

- If the cumulative SAP standards are met by the end of the probationary semester, the student will return to *Meeting Standards*. (Students who are *Meeting Standards* are eligible to receive federal financial aid.)
- If the cumulative standards are not met, but the student has satisfied all the semester requirements outlined by the Academic Probation Management Program, the student may continue to enroll with a status of *Continued Academic Probation*. (Students on *Continued Academic Probation* will progress from *Financial Aid Warning* to *Financial Aid Suspension* and are not eligible to receive federal financial aid.)
- Students who fail to meet the cumulative SAP standards by the end of the probationary semester and who fail to meet the semester requirements outlined by the Academic Probation Management Program will be placed on *Academic Suspension*. (Students on *Academic Suspension* will also be placed on *Financial Aid Suspension* and are not eligible to receive federal financial aid.)

CONTINUED ACADEMIC PROBATION – LEVEL 1

A student who was on Academic Probation who failed to meet the cumulative SAP standards during their probationary semester, but successfully met the semester requirements outlined by the Academic Probation Management Program may be allowed to enroll with a status of *Continued Academic Probation*. Students on *Continued Academic Probation* may enroll in Benedict courses, provided they continue to participate in the Academic Probation Management Program (APMP).

Note: Students placed on *Continued Academic Probation* will progress to *Financial Aid Suspension* and are not eligible to receive federal financial aid.

Students on *Continued Academic Probation* are expected to take corrective action to fully meet the Satisfactory Academic Progress (SAP) standards listed above by the end of the probationary semester.

- If the cumulative SAP standards are met by the end of the semester of *Continued Academic Probation*, the student will return to *Meeting Standards*. (Students who are *Meeting Standards* are eligible to receive federal financial aid.)
- If the cumulative standards are not met, but the student has satisfied all requirements outlined by the Academic Probation Management Program, the student may continue to enroll with a status of *Continued Academic Probation*. (Students on *Continued Academic Probation* will progress from *Financial Aid Warning* to *Financial Aid Suspension* and are not eligible to receive federal financial aid.)
- Students who fail to meet the cumulative SAP standards by the end of the semester of *Continued Academic Probation* and who fail to meet the semester requirements outlined by the Academic Probation Management Program will be placed on *Academic Suspension*. (Students on *Academic Suspension* will also be placed on *Financial Aid Suspension* and are not eligible to receive federal financial aid.)

ACADEMIC SUSPENSION – LEVEL 2

A student who was on *Academic Probation* or *Continued Academic Probation* who failed to meet the cumulative SAP standards during their probationary semester and failed to meet the semester requirements outlined by the Academic Probation Management Program will be placed on *Academic Suspension*. *Academic Suspension* will be applied for at least one full-time semester (12 hours or more); therefore, the summer session cannot be counted as the semester of suspension. During the period of *Academic Suspension*, the student is ineligible to enroll in Benedict classes

Note: Students placed on *Academic Suspension* will also be placed on *Financial Aid Suspension* and are not eligible to receive federal financial aid.

- Students who can demonstrate that extenuating circumstances led to their academic difficulties may appeal to the Satisfactory Academic Progress Appeals Committee for immediate return to the college; however, in most situations, students are required to sit out for at least one full-time semester.
- Students are academically eligible to return after sitting out for the semester of *Academic Suspension*; however, the ending of the Academic Suspension period does not signal termination of the *Financial Aid Suspension*.
- All students who re-enroll after having received an Academic Suspension sanction will return under the status of *A1-Academic Probation* (if after the first Level 2 sanction or first appeal) or *A2-Academic Probation* (after the second Level 2 sanction or second appeal). These students must participate in the Academic Probation Management Program and meet the guidelines of their academic plan (Restoration of Financial Aid eligibility for students on *A1- or A2-Academic Probation* will require an appeal to the SAP Appeals Committee and is based upon Title IV federal aid guidelines. A student may be allowed to re-enroll but may be deemed ineligible to receive federal financial aid.)

ACADEMIC DISMISSAL – LEVEL 2

A student who was on *A1- or A2-Academic Probation* who failed to meet the cumulative SAP standards during their probationary semester and failed to meet the semester requirements outlined in their academic plan will progress to *Academic Dismissal*. Dismissed students are ineligible to re-enroll for a period of five years (unless overturned by appeal to the SAP Appeals Committee).

Note: Students placed on *Academic Dismissal* are not eligible to receive federal financial aid.

- Students who can demonstrate that extenuating circumstances led to their academic difficulties may appeal to the SAP Appeals Committee for return to the college.
- Students are allowed only one *Dismissal* appeal, which must be submitted within one calendar year of the *Dismissal* action. If the appeal is denied, the student is ineligible to apply for readmission for a period of five years. The ending of the *Academic Dismissal* period does not signal termination of the *Financial Aid Suspension*.
- A student who re-enrolls after having received an Academic Dismissal sanction will return under the status of *A2-Academic Probation*. Failure to participate in the Academic Probation Management Program or to meet the requirements of the established academic plan will result in final Dismissal without additional appeals.

ADDITIONAL CONSIDERATIONS

Notification of Academic Sanctions:

Notifications of Academic Sanctions, Timelines for Academic Appeals, and Appeal Decisions will be communicated to students in writing via their official Benedict email address. Notifications are normally provided within two weeks of the close of each semester. Students receiving Level 2 sanctions will automatically be removed from any pre-registered course enrollments.

Academic Work Completed While on Academic Suspension or Dismissal:

While the college encourages students on suspension and dismissal to take steps to improve their academic performance, the college will not accept transfer credits for courses taken at another institution during the period that a student is on academic suspension or dismissal.

SAP Status and Summer School Enrollment

In many instances, Summer enrollment may jeopardize a probationary student's financial aid eligibility for the upcoming Fall or Spring semester. Therefore, students who have been placed on *Academic Probation* or *Academic Suspension* must obtain written permission from the Office of Academic Affairs and the Office of Financial Aid prior to enrolling in Summer School courses. Summer enrollment will generally be allowed only in those instances where the student is capable of fully meeting standards by the end of the summer term.

READMISSION AFTER ACADEMIC SUSPENSION OR ACADEMIC DISMISSAL

Students who wish to re-enroll after completing their term of *Academic Suspension* or *Academic Dismissal* must complete an application for Readmission through the Office of Admissions and Recruitment. Students wishing to re-enroll without sitting out or wishing to reinstate their financial aid must also submit a written appeal to the SAP Appeals Committee.

The privilege of requesting readmission does not imply an obligation on the part of the College to grant the request. The College reserves the right to deny readmission on the merits of the individual case or, if students are readmitted, to indicate the conditions under which they are to be readmitted.

Applicants for readmission who have attended another institution while on *Academic Suspension* or *Academic Dismissal* from Benedict College must submit official transcripts of such work to the Office of Admissions and Recruitment before readmission consideration will be granted. However, the College will not apply these transfer credits toward a Benedict degree program. In addition, the maximum time frame guidelines will be applied to these students.

If readmitted, the student will be required to complete an academic plan during registration. The academic plan will outline the academic and activity requirements/restrictions to be applied during the ensuing semester or (semesters) in order to maintain academic eligibility.

THE APPEALS PROCESS

Students subject to academic sanctions have the right to appeal. The official letter of academic action is sent from the Office of the Registrar and will inform students of their right to appeal the impending sanction during a time period that allows a decision to be made for the applicable semester.

The SAP Appeals Committee, composed of representatives from Academic Affairs, considers appeals Financial Aid, the Office of the Registrar, and the Office of Admissions and Recruitment. The Committee is charged by the College to decide both academic and financial aid eligibility.

APPEAL CATEGORIES

1. **Those requesting immediate readmission without serving the *Suspension* or *Dismissal***

These appeals require proof of extenuating circumstances that significantly impacted the student's academic performance and demonstration that the situation has been resolved.

2. **Those who have served their *Suspension* or *Dismissal* who are seeking reinstatement of financial aid eligibility**

Removal or completion of an academic sanction does not signal the removal of *Financial Aid Suspension*. Students who have received a *Financial Aid Suspension* must appeal to the SAP Appeals Committee to determine financial aid eligibility. Reinstatement of financial aid requires proof of extenuating circumstances that directly affected the student's

academic performance.

SUBMISSION OF APPEALS

Appeals are to be mailed to the Vice President for Academic Affairs at 1600 Harden Street, Columbia, SC 29204 or emailed to SAP.committee@benedict.edu by the date stipulated in the student's official letter of academic action.

Written appeals must include:

1. a clear explanation of any extenuating circumstances that contributed to the student's academic difficulties during the period in which the student failed to meet SAP standards (e.g., hospitalization or extended severe illness; death of an immediate family member; eviction or housing insecurity, etc.);
2. objective documentation to support and confirm information stated in the appeal (e.g., hospital discharge paperwork showing the dates of hospitalization; funeral programs or obituaries; eviction notice or cancellation of rental agreement, etc.);
3. an explanation of how the student will perform better if readmitted and description of what has changed in the student's situation that will allow him/her to demonstrate probability of making satisfactory academic progress at the next evaluation.

APPEAL DECISIONS

Students will be notified in writing of the committee's decision via an email to their official Benedict College email address.

SAP Appeals Committee decisions are considered final and may only be challenged on the basis that the appeals process was flawed. Students may request an administrative review of the Committee's decision by providing evidence that all their documentation was not considered or that the process was otherwise flawed. All requests must be made in writing within 72 hours of receipt of the committee's decision. Such requests for administrative review must be submitted via email to SAP.Committee@Benedict.edu.

Requests for review of academic sanctions must be submitted to the Office of the Vice President for Academic Affairs 1600 Harden Street, Columbia, SC 29204 or emailed to Academic.Affairs@Benedict.edu

ACADEMIC REQUIREMENTS

GENERAL REQUIREMENTS FOR DEGREES

Three degrees are offered by Benedict College; the Bachelor of Arts (B.A.) degree, the Bachelor of Science (B.S.) degree, and the Bachelor of Social Work (B.S.W.) degree. The B.S. degree is awarded in (1) programs with a science concentration in science or mathematics (43-75 sch) and programs that are classified as professional areas of study (57-71). (2) The B.S.W. degree is awarded to students majoring in social work and satisfying all institutional requirements, as well as those of the Council on Social Work Education. (3) All other liberal arts-oriented programs award the B.A. degree.

Requirements for these three degrees to be awarded include at least 128 earned semester credit hours but may include up to 132 semester credit which must include 37 - 39 semester credit hours of General Education courses plus 30 - 75 prescribed semester credit hours in one of the major subject areas offered by the College. All courses taken in the major subject area

(designated by bullets in the programs of study) must be completed with a grade not lower than C" in order to be counted towards graduation requirements. Departments may also designate courses in the program of study that students must earn a grade of at least a C. Students who wish to minor in another subject area must complete at least 15-18 prescribed hours in that field with no grade lower than "C".

The Tyrone Adam Burroughs School of Business and Entrepreneurship is accredited by the Accreditation Council for Business Schools and Programs (ACBSP). The programs of study for the school reflect the ACBSP requirements for general education according to Criterion 6.1.4.b Curriculum Design for General Education: "Schools of business and programs should demonstrate a sufficient foundation in general education which should, generally, be the equivalent of 40 percent of the hours required for the degree. Communication and critical thinking skills should be addressed." Hence, the programs of study in the Tyrone Adam Burroughs School of Business and Entrepreneurship reflect 52 hours of general education.

Candidates for Bachelor of Arts Degrees and Bachelor of Science Degrees are required to attain a minimum cumulative grade point average of 2.0 unless prescribed otherwise. Additionally, all students must be cleared academically and financially in order to participate in any Commencement Convocation. The College reserves the right to remove students from participation in commencement exercises based upon their failure to meet academic requirements, disciplinary violations, unmet financial obligations, or for any other reasons that the College identifies.

Candidates for the Bachelor of Social Work Degree are required to attain a minimum cumulative average of 2.5 in the required major courses prior to enrolling in field instruction and to satisfy graduation requirements. Additionally, social work majors must complete at least 128 semester credit hours with a minimum cumulative average of 2.5 in their major courses.

All students who are enrolled as teacher education majors must fulfill requirements for formal admission to the Educator Preparation Program (professional level) by the time they complete 45 semester credit hours. Students who have earned over 60 semester credit hours and who have not met the criteria for admission to the program must change their majors to a non-education major to be eligible for registration for the following semester. Students in an Educator Preparation Program must attain a 2.75 cumulative average to qualify for graduation.

All new freshman students are required to complete the College Experience I and College Experience II courses. However, students who have been out of high school for six (6) or more years may be permitted to substitute documented work or military experience for these courses. The school dean must approve these substitutions using the College's course substitution form.

Students, who transfer to the College with a grade point average (G.P.A.) of at least a 2.0 attained at the transferring institution, may substitute courses for the College Experience I and II, provided they transfer 15 or 30 semester credit hours, respectively. Transfer students or students who completed high school more than six years earlier may be allowed to substitute documented work or military experience for the College Experience and Professional Pathways Development courses as approved by guidelines established by the Deans' Council.

Students must write or present an extended research paper (Senior Paper), capstone project, or senior project as designated by the respective departments a part of the requirements of a junior or senior level course in their programs of study. The research paper will be prepared and evaluated according to institutional and departmental policies and rubrics. Music majors perform a senior recital to fulfill this requirement. Art majors present a senior art exhibit to fulfill this requirement. Mass communication majors complete a project

All students, except for transfers, and those enrolled in the Extended Learning Services Program are required to complete a minimum of 120 hours of service-learning as a graduation requirement by successfully completing designated courses in each major program. Transfer students are required to complete the total number of hours commensurate with their classification at the time of admittance. Service-learning hours must be completed at sites registered with the Career Pathways Initiative and Service-Learning Program (CPISLP) and are not transferable from other institutions. While 120 hours of service learning are required for graduation, it is suggested that students complete these hours through incremental stages from the freshman to the senior classification as prescribed by each school. A suggested scale is as follows:

FRESHMAN	20 hours per year
SOPHOMORE	40 hours per year
JUNIOR	40 hours per year
SENIOR	20 hours per year

At least 25% of the semester credit hours counted toward graduation will be earned through instruction at Benedict College. The final 25% of credit (32 semester credit hours) must be earned in residency at Benedict College or through consortia agreement.

Programs are designed for full-time students to complete them in eight semesters provided they follow the progression plan precisely as outlined. The length of the program is further defined by the time needed by students to successfully complete all graduation requirements and earn the number of semester credit hours required by each major as defined in its program of study. A student may find it desirable to attend summer school or additional semesters in order to complete a program of study.

Graduation requirements for students who complete their degrees within ten (10) years whether continuously enrolled or not, may be governed by the catalogue under which they entered Benedict College, or any catalogue introduced subsequent to readmission. Under these circumstances, the governing catalogue is whichever one is more favorable for students to complete their degree requirements.

DOUBLE MAJORS AND SECOND DEGREES

TYPE OF STUDENT	TYPE OF STUDY	INSTRUCTIONS
Benedict College Students	Double Major	<p>REQUIREMENTS FOR FIRST MAJOR</p> <ol style="list-style-type: none"> Complete requirements of first major using program of study At least 25% of courses for the first major must be completed at Benedict College

		<p>3. Student may pursue both majors simultaneously.</p>
		<p>REQUIREMENTS FOR SECOND MAJOR</p> <p>1. Complete at least additional 32 credit hours required by second major</p> <p>2. At least 25% of courses for the second major must be completed at Benedict College</p>
<p>Non-Benedict Graduates</p>	<p>Second Degree</p>	<p>REQUIREMENTS FOR SECOND DEGREE</p> <p>1. One year of residency at Benedict College</p> <p>2. 32 credit hours or 25% of 300/400 level course in the major completed at Benedict College</p>

A college graduate who wishes to obtain a degree in another major subject area or a matriculating student may do so by completing the requirements of the appropriate Program of Study as listed in the catalogue in effect at the time the student begins work on the second degree. A matriculating student may pursue both degrees simultaneously. The student must complete at least an additional 32 credit hours required by the second degree and more than 32 hours if needed to ensure that that 25% of courses must be taken at Benedict College. For non- Benedict graduates, at least one year of residency and 32 credits or 25% of courses that meet major or upper division specifications are required. At least half of the courses required for the major must be completed at Benedict College.

GENERAL EDUCATION REQUIREMENTS

All students at Benedict are required to complete a minimum of thirty-seven to thirty-nine credit hours of General Education requirements based upon their programs of study. Students may also transfer appropriate general education courses. The purposefully designed categories of academic disciplines that comprise the general education requirements provide a foundation for students to pursue their majors of choice from the approved offerings.

The Student Learning Outcomes (SLOs) that satisfy requirements of the general education program have been identified as follows:

Analysis and Communication (Reading, written and oral communication, and Information literacy (9 sch) ; Quantitative Literacy (Understanding mathematical processes and their applications) 6-8 sch; Natural Sciences (4 sch) ; Health and Wellness (2 sch); Global and Intercultural Learning (historical, religious, artistic and political ; Learning, languages, argumentation, debate, and global knowledge 12 sch; Personal and Career Development (Collegiate success, skills, personal awareness, and career exploration) 4 sch; 37-39 sch ;

Total (Non-STEM/SBE): 37 sch; STEM/SBE): 38-39 sch

NOTE: Students who are enrolled in non-STEM and business-related majors are required to earn 37 semester credit hours of general education credit while students enrolled in STEM and business related majors are required to earn between 38-39 semester credit hours to satisfy graduation requirements.

Analysis and Communication <i>(Reading, Written Communication, Oral Communication, Information Literacy)</i>		
Learning Outcomes	Courses	Credit Hours
<ul style="list-style-type: none"> • Students will extract and construct meaning through interaction and involvement with written language. • Students will clearly express ideas in appropriate academic language, demonstrating reasoning, an understanding of audience, context, and the mechanics of academic writing in an organized, clear, and coherent manner. • Students will use research strategies to identify, locate, evaluate, and effectively and responsibly use and share information. • Students will systematically analyze complex real-world topics or issues. • Students will develop and deliver purposeful presentations designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors. 	<ul style="list-style-type: none"> • ENG 131 Analysis and Argumentation • ENG 132 Information Literacy and Research • ENG 237 Oral Communication 	9
Quantitative Literacy <i>(Understanding mathematical processes and their applications)</i>		
Learning Outcomes	Courses	Credit Hours
<ul style="list-style-type: none"> • Students will reason and solve quantitative problems from a wide array of everyday life situations • Students will demonstrate the ability to interpret, analyze, and convey quantitative evidence in a variety of formats (using words, tables, graphs, mathematical equations, etc.). 	<ul style="list-style-type: none"> • MATH 132 Gen. College Math I • MATH 134 Gen. College Math II <p><u>STEM & SBE Majors:</u></p> <ul style="list-style-type: none"> • MATH 138 College Algebra • MATH 140 Precalculus • MATH 141 Business Calculus • MATH 143 Calculus I • MATH 144 Calculus II 	6 7-8 (STEM/SBE)
Natural Sciences		
Learning Outcomes	Courses	Credit Hours

<ul style="list-style-type: none"> Students will collect scientific data, evaluate, and draw conclusions about given problems using the scientific method. 	<p>Non-STEM Majors</p> <ul style="list-style-type: none"> BIO 130 General Biology BIO 110L Gen. Biology Lab CHEM 130 Gen. Chemistry CHEM 110L Gen. Chem. Lab ESC 130 Gen. Env. Health Science ESC 110L Gen EHS Lab PHYS 140 & PHYS 140L Gen. Earth Science & Lab PHYS 141& PHYS 141L Physical Science and Lab <p>STEM Majors</p> <ul style="list-style-type: none"> BIO 137 Principles of Biology I BIO 117L Prin. of Bio I Lab ESC 137 Principles of Env. Health Science I ESC 117L Prin. of EHS I Lab CHEM 137 Principles of Chemistry I CHEM 117L Prin. of Chem. I Lab PHYS 243 & PHYS 143L Prin. of Physics I & Lab 	<p>4</p>
Health and Wellness		
Learning Outcomes	Courses	(Minimum) Credit Hours
<ul style="list-style-type: none"> Students will apply life-long skills to improve mental and physical wellbeing. 	<ul style="list-style-type: none"> Physical Education courses HE 230 Health Education Military Science Labs Marching Band 	<p>2</p>
Global and Intercultural Learning (Historical, Religious, Artistic and Political Learning and Languages)		
Learning Outcomes	Courses	Credit Hours
<ul style="list-style-type: none"> Students will apply global and intercultural perspectives in the analysis of historical and cultural events and theoretical frameworks. 	<ul style="list-style-type: none"> African American History (Mandatory) Intermediate-Level Foreign Language (Mandatory) <p>6 hours Chosen from the following options: Literature, Social Sciences, Economics, History, Fine Arts, Religion and Philosophy HON 230 HON 233</p>	<p>12</p>
Personal and Career Development (Collegiate Success Skills, Personal Awareness, and Career Exploration)		
Learning Outcomes	Potential Courses	Credit Hours
<ul style="list-style-type: none"> Students will increase self-awareness and develop skills critical for collegiate success. Students will demonstrate knowledge of college history, values, and resources. 	<p>BE/CE/ED/FI/HHS/HASS/STEM111 The College Experience I</p> <p>BE/CE/ED/FI/HHS/HASS/STEM112 The College Experience II</p> <p>BE/CE/ED/HHS/HASS/STEM221</p>	<p>4</p>

<ul style="list-style-type: none"> Students will map career pathways and develop essential tools for professional promotion. 	Professional Pathways Development 2 SCH	
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Other English and mathematics courses that require a minimum exit grade of C must be clearly stated in the programs of study.

All students who have studied French, Spanish, or Arabic in high school will be given the Foreign Language placement test and score at least 60 to determine if they may enroll in FR 233, SP 233, or AR 233 or if they must first take FR 130, or SP 130, or AR 130 as a prerequisite. Students may also receive credit by obtaining a satisfactory score on the DANTES examination or CLEP exam. Students with no previous background in French or Spanish will be required to take the 130-level foreign language course.

ACADEMIC HONORS

The Honors Program at Benedict College is designed to enhance intellectual, cultural, spiritual, and career opportunities for highly selected, motivated, enthusiastic and critically inquisitive students. Begun in 1986 and expanded to meet challenges of the twenty-first century, the School of Honors attempts to achieve its goal by providing exceptional stimulation and challenge to its participants, thus expanding their global horizons and academic expectations. The distinguished School of Honors faculty from each academic department design all Honors courses to include a program of study that is writing, and research intensified, technologically enhanced, and internationally focused. Any Benedict College student may enroll in Honors courses through the contract system.

HONOR SOCIETIES

Alpha Chi National College Honor Scholastic Society

This is a coeducational honor society whose purpose is to promote academic excellence and exemplary character among college and university students and to honor those who achieve such distinction.

Alpha Kappa Mu

This is a general honor society open to juniors and seniors in all academic disciplines. Its purpose is to promote high scholarship; to encourage sincere and zealous endeavor in all fields of knowledge and service; to cultivate a high order of personal living; and to develop an appreciation of scholarly work in others.

The National Society of Collegiate Scholars (NSCS) The National Society of Collegiate Scholars is the nation's premier organization for high achieving students. The NSCS is the only honor society to recognize outstanding academic achievement among first and second year students. Membership is by invitation only and is offered to freshman and sophomore students who have a 3.4 grade point average or higher and rank in the top twenty (20) percent of their college class.

OTHER HONOR SOCIETIES

The descriptions of the various subject-area honor societies are located in the section on Clubs and Organizations in the various academic departments.

DEAN'S LIST

The Dean's List records the names of full-time students who have (completed at least 12 semester credit hours during the fall and/or spring semester(s) and who have achieved an average of 3.0 to 3.99 in the fall and/or spring semester.

PRESIDENT'S LIST

The President's List records the names of full-time students who have (completed at least 12 semester credit hours during the fall or spring semester) and who have achieved an average of 4.0 in the fall or spring semester.

PRESIDENT'S TROPHY LIST

The President's Trophy List records the names of full-time students who have (completed at least 12 semester credit hours during the fall and spring semesters) and who have achieved an average of 4.0 for the fall and spring semesters during the same academic year. A plate bearing the student's name is placed on the Benedict College President's Trophy, and a small replica of the trophy is given to the student.

GRADUATION WITH HONORS

Students with an average of 3.00 - 3.49 graduate Cum Laude; those with an average of 3.50 - 3.79 graduate Magna Cum Laude, and those with an average of 3.80 - 4.0 graduate Summa Cum Laude. In order to graduate with honors, a student must be in residence at the College for at least one year.



ACADEMIC STRUCTURE AND DEGREES

The Division of Academic Affairs is organized into the Office of Academic Affairs which houses the vice president for academic affairs and the associate vice president for academic affairs. The Division also contains the associate vice president for assessment SACS liaison, and the associate vice president for research. Additionally, deans are the principal administrators in the three degree-granting schools and the School of Education, Health and Human Services. Other administrators and components of the academic structure include the Registrar and Director of Student Records, and department chairs for the nine academic departments. Other academic administrators include the Director of the Library, Director of Student Retention, Executive Director of Career Pathways Initiative and Service-Learning Program, Director, Extended Learning Services, Director of the Veteran Resource Center, Director of the Center for Teaching and Learning, the Officer-in-Charge for Military Science, and Directors of Institutional Research and Assessment, and other administrative, support and adjunct units and directors.

Departments offer majors leading to a degree. A major consists of 30-75 semester credit hours in an academic discipline, as prescribed in the program of study for that discipline. In some cases, there is more than one program of study available for a major and is indicated by the various concentrations offered within the specified major discipline. The student chooses the program of study that most closely fits his or her interests and goals. A student may also pursue a minor in an academic discipline by earning 15-18 semester credit hours in that field, as prescribed by the appropriate academic department. The academic structure is given below.

Division of Academic Affairs

Vice President for Academic Affairs
 Associate Vice President for Academic Affairs
 Associate Vice President for Research
 Associate Vice President for Academic Assessment and Support Programs and SACS Liaison
 Dean, School of Arts and Sciences
 Dean, Tyrone Adam Burroughs School of Business and Entrepreneurship
 Director, Graduate Programs
 Dean, School of Education, Health and Human Services
 Registrar and Director of Student Records
 Director of the Honors Program
 Director of Extended Learning Services
 Director of the Veterans Resource Center
 Director of the Library
 Executive Director, Career Pathways Initiative and Service-Learning Program
 Director of the Center for Teaching and Learning
 Directors of Institutional Research and Assessment
 Director of the Student Success Center
 Officer-in-Charge, Military Science Program
 Summer School

School of Arts and Sciences

Communication and Arts Department
 Criminal Justice Administration and Social Sciences Department
 Biology, Chemistry and Environmental Health Science Department
 Computer Science, Engineering and Physics Department

Tyrone Adam Burroughs School of Business and Entrepreneurship

Business Administration Department
 Accounting and Finance Department

Master of Business Administration Graduate Program

School of Education, Health and Human Services

Education, Child, and Family Studies Department
 Health, Physical Education, and Recreation Department
 Social Work Department

DEGREE PROGRAMS AND MAJORS

TYRONE ADAM BURROUGHS SCHOOL OF BUSINESS AND ENTREPRENEURSHIP

Department Business Administration
 Major *Business Administration
 Concentrations Management
 Marketing
 Entrepreneurship

Minors Business Administration
 Business Analytics
 Entrepreneurship
 Management
 Marketing
 Supply Chain Management

Degree B.S. in Business Administration

Department Accounting and Finance
 Majors *Accounting
 *Finance

Minors Accounting
 Finance

Degrees B.S. in Accounting
 B.S. in Finance

SCHOOL OF EDUCATION, HEALTH AND HUMAN SERVICES

Department Education, Child and Family Studies
 Major *Educational Studies

Concentrations PK-6 Certification
 Child and Family Development

Minors Education
 Child and Family Development

Degree B.S. in Educational Studies

Department Health, Physical Education, and Recreation
 Majors *Recreation and Leisure Services
 *Public Health
 *Sport Management

Minors	Recreation and Leisure Services Public Health Sport Management
Degrees	B.S. in Recreation and Leisure Services B.S. in Public Health B.S. in Sport Management
Department	Social Work
Major	*Social Work
Certificates	Child Protective Services Interdisciplinary Gerontology
Degree	Bachelor of Social Work

SCHOOL OF ARTS AND SCIENCES

Department	Communication and Arts and Department
Major	*English
Minor	English
Degree	B.A. in English
Major	*Mass Communication
Minor	Mass Communication
Degree	B.A. in Mass Communication
Major	*Studio Art with a Minor in
	Applied Computing: Mass Communication Track
	Education
	Marketing
	Psychology
	OR Open Minor
Minor	Studio Art
Degree	B.A. in Studio Art
Major	*Music with a Minor in Education
	Students choose their music option from the following instruments:
	Brass
	Percussion
	Piano
	Voice
	Woodwind

Degree B.A. in Music

Major **Music Industry with a Minor in**
 Applied Computing: Information Management Track
 Management
 OR Marketing

Students choose their music option from the following instruments:

Brass
 Percussion
 Piano
 Voice
 Woodwind

Minor Applied Computing w/ a Music Industry Track

Degree B.A. in Music Industry

Foreign Language Minors

Arabic
 Spanish

Department Criminal Justice Administration and
 Social Sciences

Majors *Criminal Justice Administration
 *Psychology
 *Cybersecurity

Minors Criminal Justice Administration
 Cybersecurity
 Psychology

Degrees B.S. in Criminal Justice Administration
 B.A. in Psychology
 B.A. in Cybersecurity
 *Interdisciplinary Studies
 Concentrations:
 Public Safety Administration and Management
 Business Administration

Minors Education
 Child and Family Development
 Entrepreneurship
 Applied Computing

Degrees B. A. in Interdisciplinary Studies

Department Biology, Chemistry and Environmental Health
 Science

Majors *Biology
 *Environmental Health Science
 *Chemistry

Degrees	B.S. in Biology B.S. in Environmental Health Science B.S. in Chemistry
Department	Computer Science, Physics and Engineering
Major	*Computer Science B.S. in Computer Science
Majors	*Computer Engineering *Electrical Engineering *Environmental Engineering *Physics
Minor	Applied Computing with various tracks
Degrees	B.S. in Computer Engineering B.S. in Electrical Engineering B.S. in Environmental Engineering B.S. in Physics

SUMMARY

Number of Departments	9 plus the Military Science Program
Number of Majors	25

DEFINITIONS

A “major” is an academic discipline in which the College grants a degree. The requirements for a degree generally include 30-75 semester credit hours in the major academic discipline.

A “concentration” is one of two or more options available for a particular major. Each concentration has its own program of study.

A “program of study” is a list of courses required for a degree in a particular major. The courses required include general education courses required of all students at the College, courses in the major academic discipline, and other courses related to the major. The total number of credits required for the degree is listed at the end of the program of study and ranges from 128-132vsemester credit hours.

A “minor” in an academic discipline requires successful completion of 15-18 semester credit hours, as prescribed by the department in which the academic discipline is located.

In all academic departments, the first digit of course numbers indicate the level of the courses as prescribed by the department.

1	—	Freshman level
2	—	Sophomore level
3	—	Junior level
4	—	Senior level

The second digit of course numbers normally indicates the credit hours assigned to the course. Exceptions are internships, which all carry the number 440.

The third digit of course numbers indicates the semester in which the course is offered as follows:

0	—	Either semester or both semesters
Odd Digit	—	First semester or both semesters
Even Digit	—	Second semester only

The following suffixes may apply to certain courses:

B	—	Block Course
S	—	Seminar
L	—	Laboratory
H	—	Honors
W	—	Workshop
C	—	Choir
I	—	Instrumental Ensemble
SL	—	Service Learning
ML	—	Majors (designates a section for majors)
P	—	Practicum
CC	—	Consortium Courses
MM	—	Minimester Courses



**TYRONE ADAM BURROUGHS
SCHOOL OF BUSINESS AND ENTREPRENEURSHIP**

School Mission: The mission of the **Tyrone Adam Burroughs School of Business and Entrepreneurship** is to prepare competitive graduates for our global economy. The School's mission includes preparing graduates as lifelong learners for placement in business, the non-profit sector, and graduate school, and to assume leadership in their communities. Our graduates will be prudent risk managers, having a passion for life-long learning, career changes and adjustments, and discerning entrepreneurial opportunities based on the African American experience for the formation, expansion, and ownership of business enterprises.

ADMINISTRATION

Dr. Tracy H. Dunn, Interim Dean

DEPARTMENTS

Dr. Melvin Miller, Interim Chair
Business Administration Department

Business Administration Department Mission Statement:

Our mission is to prepare students to become professional business managers and savvy market leaders who possess a passion for life-long learning and an entrepreneurial focus. The goal is to enable students to effectively manage and evaluate businesses and propose successful solutions using business, management and/or marketing tools. Our students will be able to positively participate in their communities, and the global business environment. They will be prepared to compete effectively for placement in business, the non-profit sector and graduate school.

The Business Administration Department offers one major with optional concentrations.

- Business Administration with no concentration
- Business Administration with an entrepreneurship concentration
- Business Administration with a management concentration
- Business Administration with a marketing concentration

The Business Administration Department offers six (6) minors.

Business Administration

BA 130	3 sch
ACC 231	3 sch
FIN 330	3 sch
MGT 330	3 sch
MKT 330	3 sch
TOTAL	15 SCH

Business Analytics

BU 333	3 sch
BU 334	3 sch
BU 336	3 sch
BU 433	3 sch

ONE OF THE FOLLOWING:

BU 431	3 sch
BU 432	3 sch
TOTAL	15 SCH

Entrepreneurship

MGT 338	3 sch
MGT 341	3 sch
MGT 339	3 sch
MGT 333	3 sch

ONE OF THE FOLLOWING:

MKT 339	3 sch
MKT 431	3 sch
MGT 432	3 sch
TOTAL	15 SCH

Management

BA 130	3 sch
MGT 330	3 sch
MGT 335	3 sch
MGT 430	3 sch
MGT 433	3 sch
TOTAL	15 SCH

Marketing

BA 130	3 sch
MKT 330	3 sch
MKT 337	3 sch
MKT 437	3 sch
MKT 432	3 sch
TOTAL	15 SCH

Supply Chain Management

ISE/SCM 333	3 sch
ISE/SCM 336	3 sch
ISE/SCM 338	3 sch
ISE/SCM 432	3 sch
ISE/SCM 434	3 sch
TOTAL	15 SCH

Accounting and Finance Department Mission Statement:

To prepare business leaders to have careers in the national, state and local sectors of the global economy. The department's goal is to develop business leaders that can analyze a wide range of economic factors that can lead to decision-making processes to better society. Students will become the leaders in the development of programs in the transportation, housing and community sectors. Additionally, the department prepares business leaders to be competitive accountants in a global economy. Students will harness their entrepreneurial spirit by using accounting tools for solving business problems, analyzing, daily activities and evaluating the financial health of a firm. Students will be trained to pursue careers as accountants and leaders in the business environment.

The Accounting and Finance Department offers two majors.

Accounting
Finance

The Accounting and Finance Department offers two minors.

Accounting

ACC 231	3 sch
ACC 232	3 sch
ACC 335	3 sch
ACC 336	3 sch
ONE OF THE FOLLOWING:	
ACC 433	3 sch
ACC 431	3 sch
ACC 437	3 sch
ACC 432	3 sch
TOTAL	15 SCH

Finance

ACC 231	3 sch
ACC 232	3 sch
FIN 330	3 sch
FIN 333	3 sch
EC 334	3 sch
TOTAL	15 SCH

Required Activities

All Business students are required to present a senior project (including, but not limited to a research paper, business plan, case study, etc.) with an oral defense prior to graduation. Additionally, students are required to complete an internship totaling a minimum of 150 hours.

Service-Learning

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation. These hours can be earned in service-learning designated courses that are identified within the course description.

ORGANIZATIONS AND SIGNATURE EVENT

DELTA MU DELTA

Students majoring in business administration established Delta Mu Delta, an international honor society, to recognize and reward superior scholastic achievement. Membership is an honor indicative of constant purpose and achievement.

NATIONAL ASSOCIATION OF BLACK ACCOUNTANTS (NABA)

NABA is an organization open to students majoring in accounting and other areas in business and economics. The focus of the club includes an emphasis on professional development, corporate ethics, and civic responsibility.

PHI BETA LAMBDA

Phi Beta Lambda is a **business** organization open to all students interested in community and leadership. The main purposes of the organization are as follows: 1) to develop competent, aggressive business leadership; 2) to strengthen confidence; 3) to encourage more interest in and understanding of American business enterprise 4) to encourage scholarship and school loyalty; 7) and to assist in the establishment of career goals.

BUSINESS WEEK

Business Week is the signature event for the Tyrone Adam Burroughs School of Business and Entrepreneurship. It provides business students with the opportunity to interact with business leaders and pioneering thinkers. During this week-long series of events, students are exposed to innovative and emerging business ideas and concepts.

COURSE DESCRIPTIONS**ACCOUNTING COURSES****ACC 230 Accounting for Entrepreneurs****credit 3 hrs.**

This course teaches the concepts and practices for entrepreneurs and students who plan to start or purchase a business. Students will learn the use of accounting tools for solving business problems, analyzing daily activities and evaluating the financial progress being made by the firm. Students will be trained to think like and take initiative like entrepreneurs. Students are expected to use appropriate small business solution software. The course requires "hands-on" assignments. The teaching pedagogy will also include additive learning. Topics will include accounting for sales, receivables, payables, payroll, and inventory. Others include developing revenue and cash projections, expense estimates for new ventures, small business valuation, cost volume profit analysis, cost behavior, profit plan, and relevant cost analysis, ethical and tax aspects of small businesses. Prerequisites: none

**ACC 231 Principles of Financial Accounting
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course introduces students to the basic principles and concepts of recording, summarizing and reporting financial information. Prerequisites: MATH 138

**ACC 232 Principles of Managerial Accounting
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

A continuation of Principles of Financial Accounting, with emphasis on accounting problems related to the partnership, corporation, and manufacturing operations. Prerequisite: ACC 231

**ACC 335 Intermediate Accounting I
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

Intermediate Accounting is a comprehensive course in financial accounting theory and practice. The emphasis of the course is on accounting valuation and reporting of balance sheet accounts. Prerequisite: ACC 232

**ACC 336 Intermediate Accounting II
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is a continuation of an in-depth coverage of financial accounting theory and application, with emphasis on the accounting valuation and reporting of pensions, leases, stocks, bonds, investments, inter-period tax allocation and other financial topics. Prerequisite: ACC 335

ACC 337 Cost and Management Accounting**credit 3 hrs.**

This course provides an analysis of accounting for manufacturing and service operations. It covers profitability management, job order, process, standard, and Activity Based Costing. It also includes, Management Accounting in a changing environment, capital budgeting decisions and more. Prerequisite: ACC 232

ACC 431 Advanced Topics in Accounting**credit 3 hrs.**

This course integrates Advanced Financial Accounting and Reporting, Advanced Cost and Management Accounting, and other contemporary issues in Accounting. Topics will be selected from the following areas: business combination and consolidation, multinational accounting, evaluating management performance, process management, budgeting, and the importance of analyzing and managing costs, supply chain management, executive compensation, pricing and customer value. Prerequisite: ACC 336

**ACC 432 Accounting Information Systems
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

A computerized study of systems design, application, internal control, auditing the system, and system security.

ACC 433 Taxation I **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE).

This course is an analysis of the basic concepts of federal income tax laws as they apply to individuals, corporations, and partnerships. Preparation of individual and corporate income tax returns is emphasized.

ACC 434 Taxation II **credit 3 hrs.**

This course is an analysis of federal and state tax laws relating to estates, gifts, trusts, corporate distributions, liquidations, and reorganizations.

ACC 435 Auditing **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

This course is a study of generally accepted auditing standards and the procedures used in conducting a financial statement audit. Ethics, legal liability of accountants, and other issues related to external and internal auditing are presented. Prerequisite: ACC 232

ACC 437 Internal Auditing **credit 3 hrs.**

This course teaches the skills required for evaluating operational efficiency, adherence to corporate policies, and government regulations. It also covers the practice and theory of internal auditing, the planning and organizing of the internal audit department and how it links with the external audit. Problem solving, communication, and teamwork skills will be emphasized. Cases, guest lecturers from internal auditing organizations and sampling techniques will be utilized. Prerequisite: ACC 336

ACC 438 C.P.A. Review **credit 3 hrs.**

This course employs a practical reinforcement of accounting principles used in solving problems of the type confronting C.P.A. candidates. Prerequisites: ACC 336, ACC 433 and ACC 435

BUSINESS ADMINISTRATION COURSES

BE 111, and 112 College Experience I and II **credit 1 hr.**
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(Course descriptions are in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

BE 221 Professional Development Pathways **credit 2 hrs.**

(Course descriptions are in the Academic Department Cross-Disciplinary Courses section of the catalogue.) credit 2 hrs.

BA 130 Introduction to Business **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

This course will focus on expanding students' business and non-business vocabulary. The course will also introduce internet technology and search strategies. Prerequisites: none

BA 230 Business Application Software **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

This course focuses on selected applications of Microsoft suites particularly Excel, PowerPoint and Access. The instructor will use problem-solving assignments to engage students in experiential learning.

BA 231 Business Communication **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course covers the elements of written and oral business communication. Grammatical correctness is emphasized. In addition to applying basic language skills, students are introduced to basic research methodology used in business. Prerequisites: ENG 135; ENG 137

BA 233 Math for Business and Economics**credit 3 hrs.**

This course is designed to provide students with a foundation of the mathematical skills that are normally required for success in studying an array of topics in business and economics. Course topics include simultaneous equations, coordinate geometry, graphing equations, differentiation, integration, maxima, minima, and points of inflection with applications in business and economics. Students will find that mastery of a calculator like TI83 is very beneficial. Prerequisite: MATH 140; MATH 141

BA 234 Introduction to Design Thinking**credit 3 hrs.**

In this course, students will explore an approach to decision making called design thinking. Design thinking is a framework for problem solving that has applications for business. Students will understand and apply the principles of design thinking to class assignments. The course can substitute SS 232 Critical Thinking and Logical Analysis in the Social and Behavioral Sciences. Prerequisite: None

BA 235 Business Statistics**credit 3 hrs.**

The course is an introduction to statistical analysis, including measures of central tendency and variability, presenting and analyzing data, probability theory, discrete and continuous distribution, normal distribution, estimation of parameters, chi-square, regression, and correlation analysis with the application of these techniques to business situations. Prerequisites: MATH 138; MATH 140 or MATH 141

BA 237 Business Law**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

This is a course in the elements of commercial law as it applies to individual business firms. Special topics include contracts, bailments, insurance, credit instruments, and agencies. The case method is emphasized. Prerequisite: BA 130

BA 308 Graduate Business School Preparation Strategies**credit 0 hrs.**

This course will include final readying of students for graduate school. The course will address such issues like the GMAT, and abilities for graduate school and associated professional career choices, and other curricular and associated matters that alert and ready students for placement opportunities. Prerequisites: MATH 130, MATH 140, MATH 141, ENG 135, ENG 231, ENG 232

BA 330 Quantitative Methods**credit 3 hrs.**

The course familiarizes the student with quantitative techniques used in decision-making. It covers probability, tests of significance, linear programming and Markov analysis, queuing theory, inventory models, and basic calculus with business applications. Prerequisite: BA 235

BA 331 Research Project I**credit 3 hrs.**

This course provides students with the opportunity to develop a research project. This is the first of two courses. In this course, students will learn how to conduct research. Students will learn to write for business and develop a deeper understanding of business concepts. PHE 337 Research Methods or SS 330 Writing and Presenting in Social Sciences are substitutes for this course.

BA 332 Research Project II**credit 3 hrs.**

Students in this course will review, edit, and finalize the components of their research project. Prerequisite: BA 331 or PHE 337 or SS 330

BA 430 Contemporary Issues in International Business**credit 1-12 hrs.**

This course covers reading and research on selected topics in international business. Students will explore the topic through research and continue learning while abroad through discussions with faculty and community leaders (e.g., entrepreneurs, managers, government officials). Course content and credit hours (1-12) may vary per course offering.

BA 431 Career Preparation Strategies**credit 3 hrs.**

This course provides professional development that focuses on employment and graduate school options. The course also includes review of business concepts to enhance analytical thinking. The ETS exam serves as the final exam in this course.

BA 432 Senior Capstone**credit 3 hrs.**

In this course, students will finalize and present their senior project. Additionally, students will be assigned a real-world business case in which they will use their knowledge and skills to develop solutions for a real-work business case. Prerequisites: BA 331, BA 332

BA 433 International Business**credit 3 hrs.**

This course covers international and multinational business firm; differentiation from domestic business firm; theories of international trade; cultural, legal, political, economic religious differences affecting international marketing; management challenges in an international environment; and exchange rate and balance of payments determinants. Prerequisites: FIN 330; MKT 330; MGT 330

BA 440 Internship**credit 3 hrs.**

Internship integrates classroom study with planned and supervised experiences in business, government, and social institutions outside of formal classroom environments. Fieldwork must be experience-appropriate and lend themselves to direct supervision by an assigned coordinator. If fieldwork spaces cannot be secured off campus, positions at the College will be used to provide the equivalent experiences necessary to fulfill this requirement. Additionally, a research paper will be required.

BU 333 Introduction to Business Analytics**credit 3 hrs.**

This course introduces mathematical models that can be used to improve decision-making within an organization. Topics will include analytical tools such as optimization, simulation, and statistical data analysis for problem solving and decision support in all areas of business, including supply chain network, operations, finance, economics, and marketing. Students will make extensive use of Excel and/or R/Python and several spreadsheet-based add-ins to solve real business problems, improve business processes, and help make important business decisions.

BU 334 Programming for Business Analytics (R and SQL)**credit 3 hrs.**

This course introduces some programming fundamentals useful for data analytics. Students will learn how to use the structured query language (SQL) to work with relational databases and use the R programming language for acquiring and cleaning data and conducting statistical data analysis. All applications are business oriented.

BU 336 Predictive Analytics for Business: Classification and Regression**credit 3 hrs.**

This course introduces students to the fundamental ideas of the data mining methods, classification and regression trees and logistic regression. The emphasis is understanding the application of methods rather than on mathematical and computational foundations. All applications are business oriented.

BU 431 Prescriptive Analytics for Business: Statistical Inference Optimization and Simulation**credit 3 hrs.**

Prescriptive Analytics is aimed at identifying the best possible action to take given the constraints and the business objective. Learn about design of experiments and hypothesis testing for guiding business decisions.

BU 432 Predictive Analysis for Business: Time Series Analysis**credit 3 hrs.**

This course introduces techniques for modeling and analyzing time series data. We will study stationary processes, ARIMA models, non-stationary processes, time series forecasting. All applications are business oriented

BU 433 Data Visualization and Communication**credit 3 hrs.**

Sharing insights from an analysis is an important part of working with data. This course covers best practice for data visualizations and telling stories to guide business decisions using data.

ECONOMICS COURSES**EC 130 Introduction to Economics****credit 3 hrs.**

A course designed to acquaint students with the operation of American Economics System with a concise presentation of Economic Theory, Policy and Personal Finance concepts with real world

applications to problems of inflation, unemployment, poverty, discrimination, globalization and banking.

EC 230 Macroeconomics **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course is an introduction to the principles of modern economics. The material covered deals with the principles of macroeconomics—the economics of a state, nation, or any other large aggregate unit. Topics covered are the determination of national income; the effect of savings, consumption, government spending, and investment on national income; and macroeconomic policies to combat unemployment and inflation. Prerequisite: BA 130

EC 231 Microeconomics **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The material covered in this course encompasses the subject matter of microeconomics—the economics of the individual business firm, household, or person. Specific topics covered are the central problems faced by the market; demand and supply analysis; the determination of prices; the product and factor markets under the conditions of perfect and imperfect competition; and analysis of private and social costs. Prerequisite: BA 130

EC 331 Intermediate Macroeconomic Theory **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course is a study of monetary and fiscal theory at the intermediate level. Topics such as the quantity theory of money and Keynesian economic analysis are covered. Tools of macroeconomic analysis are used to analyze the problems of unemployment, inflation, economic growth, and the balance of payments. Prerequisites: EC 230 and EC 231

EC 332 Intermediate Microeconomic Theory **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course emphasizes price theory at the intermediate level. Specific topics covered are indifference curves, marginal utility, cost curves, and product and factor markets. The tools of microeconomic analysis will be used to analyze the problems of environment, income distribution, and economic welfare. Prerequisites: EC 230 and EC 231

EC 333 Public Finance **credit 3 hrs.**

The course is a study of the principles of government expenditures, taxes, credits, and their effects on resources allocations, income distribution, and economic stability. Special emphasis is given to federal, state, and local relations in revenue expenditures. Prerequisites: EC 230 and EC 231

EC 334 Banking and Monetary Theory **credit 3 hrs.**

The course examines the role of money and credit in the national economy, the development of monetary and fiscal policies and related problems, and the link between theories and central bank and treasury operations. Prerequisites: EC 230; EC 231; FIN 330

EC 335 Intro to Econometrics **credit 3 hrs.**

Topics covered include identification, measurement, specification, estimation, and interpretation of functional relationships through single equation least square techniques, use of lagged and dummy variables in regression and economic modeling.

EC 431 Urban Economics **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course analyzes present-day socio-economic programs and policies in light of factors such as land use, education, housing, resources, pollution, transportation, population, poverty, and discrimination. The causes, effects, and solutions of present-day problems for metropolitan areas are emphasized. Prerequisites: EC 230 and EC 231

EC 432 Economics of Labor **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course analyzes the forces which act upon the level of wages and employment and the role of

unions, business, and government in shaping these forces. The course investigates the attitudes and actions of unions, businesses, and government with emphasis on discrimination in the employment of minority workers. A brief history of the organized labor movement in the United States is also included. Prerequisites: EC 230 and EC 231

EC 434 Seminar on Current Economic Problems **credit 3 hrs.**

The course covers topics such as poverty, unemployment, income inequalities, economics of race, gender and discrimination and other contemporary problems. Prerequisite: Permission of instructor.

EC 435 Managerial Economics **credit 3 hrs.**

The applications of economic theory to the problems of management are covered. The tools of economic theory used by business managers in their decision-making process are analyzed. Topics include cost and profit analysis, capital budgeting, and supply and demand elasticities. Prerequisites: EC 230 and EC 231

EC 436 Economics of Development **credit 3 hrs.**

The course is designed to acquaint students with the theories on the rising level of economic activity in the underdeveloped countries of Africa, Asia, and Latin America. The policies for economic development that have been employed in less developed countries are surveyed and analyzed. The economic relations of less developed countries with the developed countries as well as with other less developed countries are analyzed.

Prerequisites: EC 230 and EC 231

FINANCE COURSES

FIN 330 Principles of Finance **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course analyzes the activities involved in raising and administering funds used in business. The problems of planning for and financing recurring long- and short-term needs are stressed. Attention is also given to intermittent duties and equally important matters such as those associated with security, insurance, mergers, and financial reorganizations. Prerequisite: BA130

FIN 333 Personal Finance **credit 3 hrs.**

The course will focus on an overview of the consumer and his/her need for informed personal financial decisions and judgments. Topics include money management and planning, budgeting, tax planning, credit and borrowing, saving and investment, housing, taxes, insurance, and retirement and estate planning.

FIN 338 Risk and Insurance **credit 3 hrs.**

The course is a study of the theory of speculative and pure risk confronting the individual and the firm and of the appropriate means of handling risks. Methods studied include loss prevention, risk retention, and self-insurance. Specific types of insurance are studied, as well as the legal liability and its role both in the private and public sectors. Prerequisite: FIN 330

FIN 430 Investment Management **credit 3 hrs.**

The course is a study of investment and portfolio analysis and presents a conceptual and analytical framework for formulating both individual and corporate investment policies, analyzing securities, and constructing portfolios. Prerequisite: FIN 330

FIN 433 Real Estate: Principles and Practices **credit 3 hrs.**

The course is an analytical study of the technical and legal aspects of real property ownership; the factors which determine the economic value and productivity of real estate; governmental regulations applicable to land utilization; the nature of the real estate business; and the initial steps required for transfer of title, financing, and leasing. Prerequisite: FIN 330

FIN 437 Corporate Finance **credit 3 hrs.**

The course seeks to enlarge students' knowledge of financial analysis. It considers issues involved in the fields of dividend policy, capital budgeting, cost of capital, and capital structure of the firm. Prerequisite: FIN 330

MANAGEMENT COURSES**MGT 330 Principles of Management** **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The primary focus of this course includes the theories, concepts, and principles necessary for effectively managing the various functional activities inherent in management and the management process and the issues and problems confronting the modern manager. The course combines the familiar and traditional analysis of the management process and the presentation of management principles with the newer system concepts.

MGT 332 Business Information Systems **credit 3 hrs.**

Provides an understanding of the importance of computer-based information in the success of the firm. Emphasis is on the role of information systems within each of the functional areas of business. Major concepts include data management and decision support. Prerequisite: MGT 330

MGT 333 Funding Sources for Entrepreneurs**credit 3 hrs.**

This course focuses on acquiring money to finance the startup and growth of a venture. It covers various financing methods and mechanisms available to entrepreneurs. Firm valuation and initial public offerings are also explored. Prerequisite: MGT 338

MGT 335 Human Resources Management **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course is a study of managerial policies, techniques, and methods, which influence the organization of work, selection, hiring, placing, training, and supervision of workers. The management structure is reviewed in order to ascertain the position of the personnel division relative to its authority and responsibility within the business enterprise. Prerequisite: MGT 330

MGT 336 Advanced Human Resources **credit 3 hrs.**

Human Resource Management (HRM) operates in an ever-changing environment. HRM must respond to external organizational factors (e.g., technology advancements, globalization) as well as internal organizational factors (e.g., ethical decision-making). Therefore, this course addresses the various components of HRM including compensation, training, hiring, supervision and development of employees. These issues are covered at a more advanced level, using cases and simulation exercises. Prerequisites: MGT 335; MGT 330

MGT 338 Entrepreneurship **credit 3 hrs.**

Characteristics of entrepreneurs, types and structure of enterprises, proprietorships, partnerships and corporations, franchises, minorities and women in business, creating business plans, market strategies, competitive analysis, design, operations and management plan, financing equity and venture capital; debt financing, banks, finance companies and government loans. Prerequisites: MGT 330; FIN 330; MKT 330

MGT 339 Ethical, Legal and Environmental Considerations in Entrepreneurship **credit 3 hrs.**

The course curriculum covers the major legal areas required of a general manager: organizational structure, tax, corporate and individual liability, human resources, business licenses and environmental compliance concerns. The course will examine the effects of taxation on business organizations, including capital structure policies. Basic knowledge of the functions within a business, mastery of analytic and negotiating techniques, the ability to understand the external environment and formulate sound strategies, and the skills to make the transition from individual contributor to a manager and then to a leader. Prerequisites: BA 130, BA 237

MGT 340 Effective Presentation and Communication for the Entrepreneur **credit 3 hrs.**

The course will focus on the role of influence and persuasion through various methods to include the preparation of business plans, grants and requests for funding proposals. In addition to formal theoretical coursework as negotiations and communication students will practice presentations using various software tools including but not limited to PowerPoint, Excel and Access. Students will be required to practice role-plays and impromptu speaking exercises to build oral communications skills.

Prerequisites: BA 130, BA 231

MGT 341 Strategic Management & Accounting for Entrepreneurs **credit 3 hrs.**

The course explores strategic management and accounting from the perspective of the entrepreneur. This course focuses on the application of current management and accounting systems to include but not limited to QuickBooks, Payroll software (ADP), Planning, Controlling and Management by Objectives principles. Students will explore and develop through application and practicum various strategic management decisions, which are used to sustain growth and profitability in competitive markets. Prerequisites: BA 130, ACC 231

MGT 430 Contemporary Issues in Management **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

In-depth examination of advanced and current business topics in management. Topics may vary in keeping with developments in the management profession and interest of the faculty. An advanced paper will be required. Prerequisite: MGT 335, MGT 330

MGT 431 Labor Relations **credit 3 hrs.**

This course examines labor laws as well as the issues surrounding labor organizations and management working to resolve workplace conflicts. Prerequisites: MGT 335, MGT 330

MGT 432 Negotiation Fundamentals **credit 3 hrs.**

In this course, students will learn different negotiation strategies and how to apply them to simple buyer-seller bargaining, labor-management negotiations as well as other more complex negotiations.

MGT 433 Organizational Theory and Behavior **credit 3 hrs.**

The course presents an integration of the internal structure of the behavioral aspects of a business organization. Emphasis is placed on the study of behavioral patterns necessary for effective management of business activity. Extensive use is made of case studies. Prerequisite: MGT 330, MGT 335

MGT 436 Production Management **credit 3 hrs.**

A survey of the major operational functions of organizations, the course emphasizes the identification of major problem areas associated with these functions and the development of concepts and decision processes for dealing with problems. This course stresses the relevance of production in all organizations. Prerequisite: MGT 330, BA 330, MGT 335, BA 235

MGT 437 Business Policy **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course is a study of the formulation and application of functionally integrated business policy by top management. Decision making in the face of changing conditions is emphasized. Extensive use is made of case studies. Prerequisite: MKT 330, FIN 330

MGT 439 Management and Organizations **credit 3 hrs.**

This course will explore how organizational leaders develop winning strategies and then design their organizations in a way that aligns structures, social relationships, tasks, human resource practices, and people to achieve those strategies.

MARKETING COURSES

MKT 330 Principles of Marketing **credit 3 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

The course takes an integrated, analytical approach to both macro- and micro-marketing problems. Primary concern is focused on micro-marketing. Specifically, emphasis is given to product, promotion, distribution, and pricing from the perspective of the firm. Prerequisite: BA 130

MKT 331 Marketing Communication **credit 3 hrs.**

The course is a study of the promotion mix of a firm. It builds a rigorous base of consumer psychology and then proceeds to the advertising, personal selling, and other communication

methods, which are treated as variables for use alone, or in combination, to communicate the want-satisfying attributes of products and services. The approach throughout is to develop fundamental considerations as background and then focus on managerial issues and problems. Prerequisite: MKT 330

MKT 332 Services Marketing**credit 3 hrs.**

This subject is concerned with an in-depth analysis of the marketing techniques that apply to service organizations and industries. Students develop a firm understanding of key challenges and issues associated with interaction between marketing and management within a service organization; and became familiar with issues in developing and accessing service quality. Prerequisite: MKT 330

MKT 333 Principles of Marketing Research**credit 3 hrs.**

This course is a study of research methods and procedures used in the marketing process. Emphasis is given to the sources of market data and the relationship of marketing research to the policies and functions of the business enterprise. Prerequisites: MKT 330; BA 235

MKT 334 Marketing Channels**credit 3 hrs.**

This course includes the study of the structure, functions, and interactions of marketing channels. Emphasis is placed on wholesaling, retailing, and the flow of economic goods through these areas. Prerequisite: MKT 330

MKT 335 Statistical Method for Marketing Research**credit 3 hrs.**

Students will apply probability and basic statistical methods (analysis of variance, regression, and chi-square tests) to solve marketing research problems. Prerequisite: BA 235

MKT 337 Consumer Behavior**credit 3 hrs.**

This course is designed to define, discuss, and apply the psychological, sociological, economic and anthropological influences on the purchasing and the consumption of goods and services by the ultimate consumer. It considers the consumer's decision process as well as the effects of both internal and external factors upon consumer purchasing behavior. Prerequisite: MKT 330

MKT 339 Internet Marketing**credit 3 hrs.**

Students will learn how to use the internet to enhance the marketing strategies of organizations. Students are expected to understand how to develop an internet marketing plan. The course will utilize online computer exercises to introduce website design and development. Prerequisite: MKT 330

**MKT 430 Contemporary Issues in Marketing
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course examines areas that are of topical concern in marketing. The purpose of the course is to familiarize students with current issues in the field of marketing. New and emerging theoretical as well as practical applications of marketing are the cornerstones of this course. Prerequisite: MKT 330

MKT 431 Personal Selling and Sales Management**credit 3 hrs.**

This course focuses on developing skills required for a successful career in sales. The course will emphasize oral presentation skills through extensive role-playing. Additionally, students will learn how to develop and manage relationships with clients. The course will also highlight the activities required for successful sales force management (e.g., territory design, leadership development, motivation, and cost analysis). Prerequisites: MKT 330, BA 130, BA 231

**MKT 432 Marketing Research
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course is a study of research methods and procedures used in the marketing process. Emphasis is given to the sources of market data and the relationship of marketing research to the policies and functions of the business enterprise. Prerequisite: MKT 337; BA 330

MKT 433 Marketing Research Project**credit 3 hrs.**

In this course, students will complete a marketing research project. Prerequisites: MKT 330, MKT 432

MKT 435 Qualitative Research in Marketing**credit 3 hrs.**

This course trains students in the various techniques of conducting qualitative marketing research. Students will practice using interviewing and observation techniques to collect data. Prerequisite: MKT 432

**MKT 437 Marketing Management
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course covers analysis, planning, and control of the marketing function. Emphasis is placed on development of a marketing plan. This is accomplished through a series class discussions and homework assignments. Prerequisite: MKT 337.

SUPPLY CHAIN MANAGEMENT COURSES**ISE/SCM 333 Intro to Supply Chain Management****credit 3 hrs.**

Design and management of systems that coordinate information and material flows within and between firms in a supply chain. It covers topics such as sourcing, inventory management, and transportation, and multi-criteria decision making. Prerequisite: MATH 141; MATH 143; instructor permission

ISE/SCM 336 Production and Operations Management I**credit 3 hrs.**

Fundamentals of forecasting demand, scheduling production, and controlling the movement and storage of material associated with production are studied. State-of-the-art manufacturing techniques are discussed. Forecasting techniques, inventory analysis, master production scheduling, material and capacity requirements, planning and scheduling methods. Prerequisite: MATH 141; MATH 143; instructor permission

ISE 338/SCM 338 Supply Chain Inventory Management**credit 3 hrs.**

Fundamentals of forecasting demand, scheduling production, and controlling the movement and storage of material associated with production are studied. State-of-the-art manufacturing techniques are discussed. Forecasting techniques, inventory analysis, master production scheduling, material and capacity requirements, planning and scheduling methods. Prerequisite: MATH 143; MATH 141; instructor permission

ISE/SCM 431 Facility Location and Planning**credit 3 hrs.**

Study of the principles and techniques of facility planning and design. Includes quantitative techniques for evaluation of facility design for better manufacturing, product flow, distribution, and services. Plant layout problem, computerized layout planning, single facility location problems, storage systems layout, multi-facility location problems, and network problems. Prerequisite: MATH 143; MATH 141; instructor permission

ISE/SCM 432 Production and Operations Management II**credit 3 hrs.**

Application of quantitative and heuristic methods to problems of production, material, and capacity planning. Mathematical models for inventory systems, sequencing and scheduling. Just-in-Time (JIT) manufacturing. Prerequisite: MATH 143; MATH 141; instructor permission

ISE 437/SCM 433 Logistics Management**credit 3 hrs.**

This course presents methodologies for design and storage of materials and goods, and movement of people and goods. Topics include forecasting logistics requirements, locating facilities, supplier selection, warehouse management, freight transport, and transportation networks. Prerequisite: MATH 143; MATH 141; instructor permission

SCM 434 Project Management**credit 3 hrs.**

As a business practice, project management helps organizations with a structured approach to accomplishing work and meeting strategic goals. More and more organizations now manage by projects and, as a result, the profession of project management has gained prominence. Students in this course focus on the latest concepts in project management and can gain the knowledge and skills needed to successfully manage projects as a project management professional. Students in this course focus on the soft skills that a professional project manager needs to effectively manage

and communicate with internal and external project stakeholders. Topics include the major Project Management Knowledge Areas: Logistics & Supply Chain Management, Inventory, and Production & Operations Management. Topics include the major project management knowledge areas: logistics and supply chain management, inventory, and production and operations management.



PROGRAM OF STUDY IN BUSINESS ADMINISTRATION

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Natural Sciences	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3		Global & Intercultural Learning	3
	Health and Wellness	2	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1	BE 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BA 231	Business Communication	3
SS 232	Critical Thinking	3	*BA 237	Business Law	3
BA235/MATH236	Bus Statistics/Prob & Stats	3		Intermediate Foreign Language	3
*ACC 231	Prin. of Financial Accounting	3	*BA 230	Business Application Software	3
EC 231	Microeconomics	3	*ACC 232	Prin. of Managerial Accounting	3
BE 221	Prof. Pathways Development	2	EC 230	Macroeconomics	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 331	Research Project I	3	*BA 332	Research Project II	3
*MKT 330	Principles of Marketing	3	*BA 330	Quantitative Methods	3
*	Business Elective	3	*	Business Elective	3
*MGT 330	Principles of Management	3	*	Business Elective	3
*FIN 330	Principles of Finance	3	ENG 238	Adv. Speech Communication	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 433	International Business	3	*MGT 437	Business Policy	3
*	Business Elective	3	*	Business Elective	3
*	Business Elective	3	*	Business Elective	3
*	Business Elective	3	*BA 432	Senior Capstone	3
*BA 431	Career Preparation Strategies	3	*BA 440	Internship	3
Total		15	Total		15

Total SCH 128

SCH in Major* 75

*Major courses require a "C" or better.

PROGRAM OF STUDY IN BUSINESS ADMINISTRATION

Concentration: Management

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Natural Sciences	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3		Global & Intercultural Learning	3
	Health and Wellness	2	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1	BE 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BA 231	Business Communication	3
SS 232	Critical Thinking	3	*BA 237	Business Law	3
BA235/MATH236	Bus Statistics/Prob & Stats	3		Intermediate Foreign Language	3
*ACC 231	Prin. of Financial Accounting	3	*BA 230	Business Application Software	3
EC 231	Microeconomics	3	*ACC 232	Prin. of Managerial Accounting	3
BE 221	Prof. Pathways Development	2	EC 230	Macroeconomics	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 331	Research Project I	3	*BA 332	Research Project II	3
*MKT 330	Principles of Marketing	3	*BA 330	Quantitative Methods	3
*	Business Elective	3	*	Business Elective	3
*MGT 330	Principles of Management	3	*MGT 335	Human Resource Mgt	3
*FIN 330	Principles of Finance	3	ENG 238	Adv. Speech Communication	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 433	International Business	3	*MGT 437	Business Policy	3
*MGT 430	Contemp. Issues in Mgt	3	*	Business Elective	3
*MGT 433	Organizational Theory	3	*MGT 436	Production Management	3
*	Business Elective	3	*BA 432	Senior Capstone	3
*BA 431	Career Preparation Strategies	3	*BA 440	Internship	3
Total		15	Total		15

Total SCH 128

SCH in Major* 75

*Major courses require a "C" or better.

PROGRAM OF STUDY IN BUSINESS ADMINISTRATION

Concentration: Marketing

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Natural Sciences	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3		Global & Intercultural Learning	3
	Health and Wellness	2	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1	BE 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BA 231	Business Communication	3
SS 232	Critical Thinking	3	*BA 237	Business Law	3
BA235/MATH236	Bus Statistics/Prob & Stats	3		Intermediate Foreign Language	3
*ACC 231	Prin. of Financial Accounting	3	*BA 230	Business Application Software	3
EC 231	Microeconomics	3	*ACC 232	Prin. of Managerial Accounting	3
BE 221	Prof. Pathways Development	2	EC 230	Macroeconomics	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 331	Research Project I	3	*BA 332	Research Project II	3
*MKT 330	Principles of Marketing	3	*BA 330	Quantitative Methods	3
*	Business Elective	3	*	Business Elective	3
*MGT 330	Principles of Management	3	*MKT 337	Consumer Behavior	3
*FIN 330	Principles of Finance	3	ENG 238	Adv. Speech Communication	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 433	International Business	3	*MGT 437	Business Policy	3
*MKT 430	Contemp. Issues in Marketing	3	*	Business Elective	3
*MKT 437	Marketing Management	3	*MKT 432	Marketing Research	3
*	Business Elective	3	*BA 432	Senior Capstone	3
*BA 431	Career Preparation Strategies	3	*BA 440	Internship	3
Total		15	Total		15

Total SCH 128

SCH in Major* 75

*Major courses require a "C" or better.

PROGRAM OF STUDY IN BUSINESS ADMINISTRATION

Concentration: Entrepreneurship

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Natural Sciences	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3		Global & Intercultural Learning	3
	Health and Wellness	2	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1	BE 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BA 231	Business Communication	3
SS 232	Critical Thinking	3	*BA 237	Business Law	3
BA235/MATH236	Bus Statistics/Prob & Stats	3		Intermediate Foreign Language	3
*ACC 231	Prin. of Financial Accounting	3	*BA 230	Business Application Software	3
EC 231	Microeconomics	3	*ACC 232	Prin. of Managerial Accounting	3
BE 221	Prof. Pathways Development	2	EC 230	Macroeconomics	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 331	Research Project I	3	*BA 332	Research Project II	3
*MKT 330	Principles of Marketing	3	*BA 330	Quantitative Methods	3
*	Business Elective	3	*MGT 338	Entrepreneurship	3
*MGT 330	Principles of Management	3	*MGT 333	Funding Sources for Entrepren.	3
*FIN 330	Principles of Finance	3	ENG 238	Adv. Speech Communication	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 433	International Business	3	*MGT 437	Business Policy	3
*MKT 339	Internet Marketing	3	*MKT 431	Personal Selling	3
*	Business Elective	3	*MGT 432	Negotiation Fundamentals	3
*	Business Elective	3	*BA 432	Senior Capstone	3
*BA 431	Career Preparation Strategies	3	*BA 440	Internship	3
Total		15	Total		15

Total SCH 128

SCH in Major* 75

*Major courses require a "C" or better.

PROGRAM OF STUDY IN ACCOUNTING

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Natural Sciences	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3		Global & Intercultural Learning	3
	Health and Wellness	2	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1	BE 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BA 231	Business Communication	3
SS 232	Critical Thinking	3	*BA 237	Business Law	3
BA235/MATH236	Bus Statistics/Prob & Stats	3		Intermediate Foreign Language	3
*ACC 231	Prin. of Financial Accounting	3	*BA 230	Business Application Software	3
EC 231	Microeconomics	3	*ACC 232	Prin. of Managerial Accounting	3
BE 221	Prof. Pathways Development	2	EC 230	Macroeconomics	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 331	Research Project I	3	*BA 332	Research Project II	3
*MKT 330	Principles of Marketing	3	*BA 330	Quantitative Methods	3
*ACC 335	Intermediate Accounting I	3	*ACC 336	Intermediate Accounting II	3
*MGT 330	Principles of Management	3	*ACC 337	Cost & Mgmt Accounting	3
*FIN 330	Principles of Finance	3	ENG 238	Adv. Speech Communication	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 433	International Business	3	*MGT 437	Business Policy	3
*ACC 433	Taxation I	3	*ACC 432	Accounting Info Systems	3
*ACC 435	Auditing	3	*ACC 437	Internal Auditing	3
*ACC 431	Adv. Topics in Accounting	3	*BA 432	Senior Capstone	3
*BA 431	Career Preparation Strategies	3	*BA 440	Internship	3
Total		15	Total		15

Total SCH 128

SCH in Major* 75

*Major courses require a "C" or better.

PROGRAM OF STUDY IN FINANCE

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140/141	Precalculus or Bus. Calculus	4
	Natural Sciences	4		Global & Intercultural Learning	3
*BA 130	Introduction to Business	3		Global & Intercultural Learning	3
	Health and Wellness	2	HIST 130	Intro to Afr. American History	3
BE 111	The College Experience I	1	BE 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BA 231	Business Communication	3
SS 232	Critical Thinking	3	*BA 237	Business Law	3
BA235/MATH236	Bus Statistics/Prob & Stats	3		Intermediate Foreign Language	3
*ACC 231	Prin. of Financial Accounting	3	*BA 230	Business Application Software	3
EC 231	Microeconomics	3	*ACC 232	Prin. of Managerial Accounting	3
BE 221	Prof. Pathways Development	2	EC 230	Macroeconomics	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 331	Research Project I	3	*BA 332	Research Project II	3
*MKT 330	Principles of Marketing	3	*BA 330	Quantitative Methods	3
*ACC 335	Intermediate Accounting I	3	*ACC 336	Intermediate Accounting II	3
*MGT 330	Principles of Management	3	*FIN 333	Personal Finance	3
*FIN 330	Principles of Finance	3	ENG 238	Adv. Speech Communication	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BA 433	International Business	3	*MGT 437	Business Policy	3
*FIN 430	Investment Management	3	*FIN 437	Corporate Finance	3
*FIN 433	Real Estate	3	*	Business Elective	3
*	Business Elective	3	*BA 432	Senior Capstone	3
*BA 431	Career Preparation Strategies	3	*BA 440	Internship	3
Total		15	Total		15

Total SCH 128

SCH in Major* 75

*Major courses require a "C" or better.

SCHOOL OF EDUCATION, HEALTH AND HUMAN SERVICES

School Mission

The mission of the **School of Education, Health and Human Services** is to prepare graduates to enter an array of professions that address the well-being, development, learning, and support of individuals and families across the lifespan. The School is comprised of the following units: Education, Child and Family Studies Department; Health, Physical Education and Recreation Department; Social Work Department, and Office of Educator Preparation.

ADMINISTRATION

Dean-TBA

DEPARTMENTS

Education, Child, and Family Studies
Dr. Tracy Middleton, Chair

Health, Physical Education, and Recreation
Dr. Paula Shelby, Chair

Social Work
Dr. John W. Miller Jr., Chair

Office of Educator Preparation-TBA

Education, Child and Family Studies Department Mission

The mission of the Education, Child and Family Studies Department is to prepare students for occupations in PK-6 instruction, Child and Family Development, and for further study in education and related fields. Students completing Programs of Study in the department will be prepared to acquire and maintain leadership positions in the educational arena related to teaching, research, and service. The Education, Child and Family Studies Department offers a major in Educational Studies with two concentrations: PK-6 Certification and Child and Family Development. The PK-6 Certification program leads to dual certification to teach in grades PK-3 for an Early Childhood teaching certificate and in grades 2-6 for an Elementary Education teaching certificate from the South Carolina Department of Education. The Child and Family Development concentration prepares graduates to work in non-public school settings that serve the educational needs of children and families.

The Education, Child, and Family Studies Department is the administrative unit for the educator preparation at Benedict College. Through the Office of Educator Preparation, students, candidates, and faculty receive assistance in meeting institutional, state, and professional standards. The philosophical underpinning of the programs stems from the strong historical emphasis of the mission of Benedict College, which is to prepare students to serve as “powers for good in society.” With the premise that the service provided by candidates must be in alignment with professional standards as well as the needs of the community in which teachers work, the department identifies four student learning outcomes for program completers: (1) Teachers as scholars; (2) Teachers as effective practitioners; (3) Teachers as reflective decision makers; and (4) Teachers as resources for the community.

The educator preparation program at Benedict College is accredited by CAEP (Council for the Accreditation for Educator Preparation CAEP) (www.CAEP.net). This accreditation applies to all initial teacher preparation programs at the Institution. The Benedict College Educator Preparation programs are also approved by the South Carolina Board of Education to offer State-approved education programs in the following areas and grade levels: Early Childhood Education (PK-3) and Elementary Education (2-6). Benedict College is in full compliance with section 207 of the Title II Higher Act and reports on the performance of program completers on the required certification examinations and performance assessments annually. All Benedict College educator preparation program completers are required to pass all examinations for program completion.

The Education, Child and Family Studies Department offers two minors:

Education

ED 130	Historical and Philosophical Foundations of Education
EDU 230	Human Growth and Development
EDSE 330	The Exceptional Child
EDU 332	Educational Psychology
EDU 337	Diversity, Social Justice & the 21 st Century Learner

Child and Family Development

EDU 230	Human Growth and Development
EDEC 230	Introduction to Early Childhood
CFD 333	Marriage and Family Relationships
CFD 334	Parent Education and Guidance
EDU 337	Diversity, Social Justice & the 21 st Century Learner

EDUCATOR PREPARATION PROGRAM COMPLETION CRITERIA

Students who plan to teach in a PK-6 setting must meet all criteria at the transition points specified and delineated below:

[Admission Criteria]

Complete and submit all Level I assessments;
 Complete required courses (ED 111, 112; and ED130) with a “C” or better;
 Achieve a 2.75 GPA or greater;
 Pass all required basic skills examinations (reading, writing, and mathematics) identified by the South Carolina Department of Education;
 Complete and pass a state criminal background check;
 Earn 45 semester credit hours of general education course work; and
 Successfully complete the application process for admission to the Educator Preparation program, which includes the interview and writing sample.

Applications for admission to the program must be filed in the Office of Educator Preparation by March 1 or October 1.

[Admission to the Clinical Experience Criteria]

Gain admission to the Educator Preparation Program; Maintain a 2.75 GPA or greater;
 Maintain an acceptable record of personal-social behaviors and dispositions;
 Participate in appropriate activities (exam preparation programs, seminars, workshops conferences, SCEA, etc.) as required by the Educator Preparation Program;
 Successfully complete all Level II and Level III assessments including a writing sample and an interview;
 Gain clearance for the Clinical Experience (complete and submit application, FBI/criminal background Check, pass all PRAXIS II Subject Assessments and pay certification fee to the South Carolina State Department of Education).

[Completion Criteria]

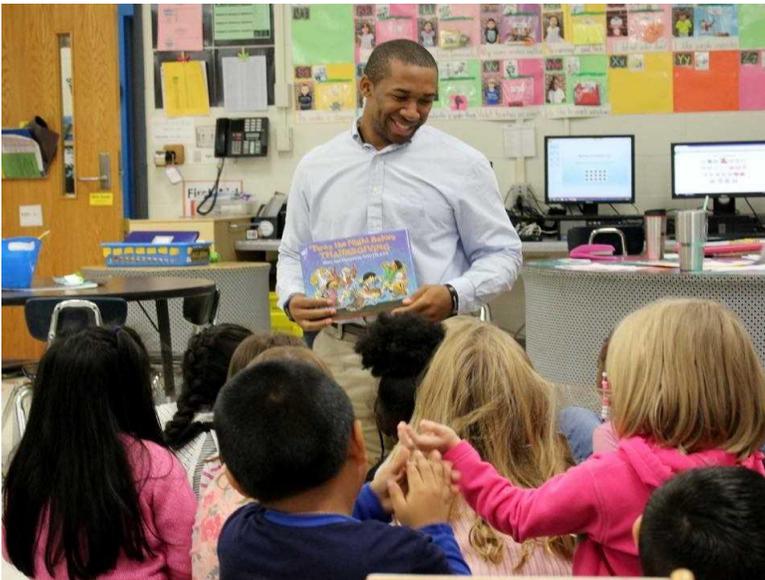
Maintain a 2.75 GPA or greater;
 Successfully complete the Clinical Experience;
 Successfully complete all Level IV assessments; Successfully complete all College, Departmental, and Education program and/or graduation requirements; and complete all requirements for certification by the State of South Carolina.

Students who transfer from other programs or from other institutions and students who possess a baccalaureate degree and are interested in completing requirements for Educator Preparation programs are subject to the same criteria and regulations as traditional students. Transfer students should contact the Director of Educator Preparation for a review of their eligibility for admission to the Educator Preparation program. Students who have earned over 60 credit hours and who have not met the criteria for admission to Educator Preparation, must change their major to a non-educator preparation major to be eligible for registration for the following semester.

ADMISSION TO CLINICAL EXPERIENCE (STUDENT TEACHING)

Applications for admission to the Clinical Experience must be filed in the Office of Educator Preparation and the South Carolina Department of Education. Teacher candidates must ensure that their South Carolina Department of Education's application files are complete approximately six months prior to the clinical experience, according to the following deadlines: Fall semester student teachers: February 15 (i.e., the February prior to student teaching) Spring semester student teachers: June 15 (i.e., the June prior to student teaching).

For the Office of Educator Preparation, the criteria for admission to Student Teaching are the student must have: completed all requirements in general education, the area of specialization (major), and the Office of Educator Preparation; maintained a GPA of 2.75; removed all "Incomplete" grades; removed any grade of "D" in the major; completed required field experiences; passed all Praxis II subject assessments and examinations for the respective academic major and teaching area required by the Benedict College Educator Preparation Program; and gained admission to the Clinical Experience, which includes completing and submitting an application, criminal background check and certification fees to the South Carolina Department of Education.



TEACHER CERTIFICATION

In accordance with state and federal policy, Benedict College makes a distinction between graduation and educator preparation program completion. Eligibility for graduation does not equate to eligibility for recommendation for certification. The Director of Educator Preparation verifies the students' successful completion of graduation requirements and certification criteria and submits the College Recommendation for Teacher Certification form to the South Carolina Department of Education for initial certification once all requirements have been met. Without exception, no student will be recommended for certification until all program requirements have been satisfied. To ensure clarity, only program completers will be recommended for certification to the South Carolina State Department of Education. What follows is a list of the criteria for graduation and program completion:

Graduation from a major in the Department of Education, Child and Family Studies requires:

- a) Completion of the program of study with a GPA of 2.00 or greater;
- b) Completion of 120 hours of Service Learning;
- c) An earned grade of C or better in all major, professional, and support courses as well as the Capstone Presentation; and
- d) Successful completion of 400 hours of a field experience in an approved major related setting.

Completion of the Educator Preparation Program at Benedict College requires:

- a) Completion of all Benedict College graduation requirements;
- b) Official induction into the Educator Preparation program;
- c) A minimum cumulative GPA of 2.75;
- d) Successful admission to and completion of the Clinical Experience associated with ED 460;
- e) Demonstration of the dispositions required of Benedict College Educators; and
- f) Demonstration of mastery of content and pedagogical knowledge as measured by passing cut scores on all key assessments for the program, which include Praxis II Exams and the Principles of Learning and Teaching required for the area of certification being pursued.

Benedict College will exercise its right to issue a *non-recommendation for certification* if a teacher candidate does not exhibit the professional dispositions required of Benedict College educators regardless of grades, GPA, or exam scores. Education faculty reserve the right to approve appeals for Admission into the Educator Preparation Program or Admission to the Clinical Experience based on mitigating circumstances and a majority vote of the faculty.

FIELD EXPERIENCES

All students in the Child and Family Studies Department engage in field experiences as required components of designated courses. These experiences begin in the freshman year and extend through succeeding semesters. Each Educator Preparation student must complete the required field experiences prior to the clinical experience.

Required Internship

Students enrolled in the Education, Child and Family Studies Department are required to complete a period of internship that closely correlates with their specific major and program of study during the senior year. Students who choose the teaching option must complete the clinical experience with, a minimum of 60 days in their respective program of study and in an approved site. Students who major in Child and Family Development must complete a minimum twelve-week, full-time internship in an approved site. Students must enroll in one of the following courses for internship credit:

ED 460	Clinical Experience
CFD 462	Child and Family Development Internship

SERVICE-LEARNING

Each student is required to complete a minimum of 120 hours of approved course-based service-learning activities for graduation according to the specifications required by Benedict College.

HONORS COURSES

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn honors credits in designated General Education courses or in regular major program classes. Students interested in more information should confer with the director of the Honors Department.

STUDENT SOUTH CAROLINA EDUCATION ASSOCIATION (SCEA)

The SCEA Student Organization is the student membership program for the South Carolina Education Association. This pre-professional organization for future teachers strives to improve the quality of tomorrow's educators. The group meets monthly and includes activities such as discussions with guest speakers, fund-raising activities, and community service projects.

In addition, members will:

- receive discounts for Praxis Preparation workshop fees
- receive professional publications
- be able to build a supportive network of future professionals
- improve knowledge and understanding of K-12 schools
- be eligible to receive Occupational Liability Coverage which covers all field and clinical experiences



EDUCATION COURSES

ED 111, 112 and 221 The College Experience I and II; and Professional Pathways Development **credit 1-2 hrs.**

(Course descriptions are located in the Academic Affairs Department Cross-Disciplinary Courses section of the catalogue.)

ED 131 Pre-Professional Competencies **credit 3 hrs.**

This course is designed to support mastery of the essential competencies in reading, writing, and mathematics that are the requisite skills for entering the education profession and becoming an effective educator. In addition to subject area content, strategies for test-taking and overcoming test anxiety will be emphasized.

ED 130 Historical and Philosophical Foundations/Practicum (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

Some of the influential movements in our society which have shaped American education are examined. Included is a study of basic philosophical concepts, ideas, and proposals of educational philosophers from antiquity to modern times; reform movements, legislative acts and court decisions are stressed. Ten (10) Service-Learning hours are required.

ED 225 Foundations of Digital Media **credit 2 hrs.**

This course introduces students to various uses of educational software and other instructional technologies in the classroom.

ED 230 Creating Culturally Relevant Classrooms (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course will examine techniques of organizing and managing classroom activities. Various discipline models, techniques, methods, and constructs will be presented. Twenty (20) Service-Learning hours are required.

ED 330 Instructional Planning and Assessment (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This is a general methods course which prepares prospective teachers to the planning process, methods, strategies, evaluation techniques, and authentic assessment. Higher order thinking skills, multiple intelligences and learning/teaching styles and modalities will be emphasized. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 331 Social Studies Curriculum, Instruction and Assessment in the Elementary School (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course introduces the student to the skills, strategies, techniques, and materials for teaching and assessing elementary school social studies. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 332 Science and Health PK-6 (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

Emphasis is placed on process skills, strategies, techniques, and materials for teaching and assessing science and health in the elementary school. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 335 Foundations in Teaching Reading PK-6 (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course introduces the processes of reading instruction for grades PreK-6. Strategies for developing comprehension, oral language, phonological awareness, phonics, fluency and vocabulary will be explored. The learning needs and evidence-based interventions for both developing and struggling readers are considered. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 336 Instructional Practices in English Language Arts (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course provides instruction in language arts with an emphasis on utilizing reading methods across genres. Students will have experiences in developing instructional objectives, constructing and executing lesson plans, and designing literacy projects and activities. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 337 Mathematics Education PK-6**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

Emphasis is placed on skills, strategies, and techniques and materials for teaching and assessing elementary school mathematics. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 339 Teaching Targeted Populations**credit 3 hrs.**

This course will provide prospective teachers with theoretical and practical understandings of the various targeted populations in public education today. The emphasis of this course may vary according to the identified population (African-American males, children from single parent homes, etc.)

ED 430 Integrating the Arts PK-6 (DESIGNATED SERVICE-LEARNING COURSE) credit 3 hrs.

Emphasis is placed on integrating music, art, movement, and drama with other subjects in the elementary classroom. Students will discover and develop skills in creative interactive activities that will capture children's attention and motivate them to participate in the arts. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 431 Content Area Reading and Writing PK-6**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3hrs.**

Provides preservice teachers with an understanding of teaching content area literacy. Students learn methods and strategies for teaching children to learn with and make use of expository texts. Comprehension, the role of expository texts, and vocabulary learning in content areas are presented. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 435 Assessment of Reading PK-6**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3hrs.**

This course provides instruction on developmentally appropriate assessment practices related to children's literacy development within the home and school from PK-5. Factors related to assessment and communication within and between the family, school, and teacher are addressed. Twenty (20) Service-Learning hours are required. Prerequisite: Admission to Educator Preparation Program.

ED 450 Special Topics in Education**credit 3 hrs.**

The study of selected topics in education designed specifically for early childhood education, elementary education, and secondary education majors. Prerequisite: Junior or senior standing, or consent of instructor. Course may be repeated for a maximum of six hours.

ED 460 Clinical Experience**credit 12 hrs.**

This course emphasizes experiences in planning and implementing effective classroom procedures. Special emphasis is given to individualized learning processes and the use of modern instructional media. Twelve (12) weeks of full-time experience under the supervision of cooperating teachers and college supervisors are required. Prerequisite: Admission to Student Teaching.

EDEC 230 Introduction to Early Childhood Curriculum**credit 3 hrs.**

This course offers a complete and current overview of the historical and philosophical foundations, current issues, methods and approaches to Early Childhood curriculum, instruction and development.

EDEC 231 The Young Child (birth-8)**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

This course presents a study of the young child in familial and societal contexts, including the effects of environmental, cultural, and socioeconomic influences on child development. The focus is on observing and understanding the behavior of children from birth to eight years of age. Twenty (20) Service-Learning hours are required.

EDEC 433 Methods and Materials in Pre-School Curriculum**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course presents methods and materials of instruction appropriate for the pre-school level. Emphasis is placed on the growth, development, learning, and individual differences found among pre-school children. Twenty (20) Service-Learning hours are required.

SPECIAL EDUCATION COURSES**EDSE 330 Exceptional Child
(DESIGNATED SERVICE-LEARNING COURSE) credit 3 hrs.**

The course provides the student with knowledge and understanding of exceptional children including the gifted and talented. The basic requirements of federal laws regarding the education of young children are addressed. Twenty (20) Service-Learning hours are required.

EDSE 432 Assessment of Special Children credit 3 hrs.

This course covers the foundations of assessment, including technical issues of school-based assessment, educational readiness, cognitive abilities, academic achievement, reading, math, language, and perceptual motor skills and abilities.

SUPPORT COURSES**EDU 230 Human Growth and Development credit 3 hrs.**

An integrated study of the human life span, from the prenatal period through middle childhood and adolescence to the stages of early and later adulthood. Central to the course are the theories, principles, and processes by which change takes place in the physical, cognitive, and affective areas of development. Multicultural issues as they relate to social, educational, and familial factors will be addressed.

EDU 235 Educating African American Students credit 3hrs.

This course analyzes historical and contemporary factors that influence the education of African American students in the United States. The course emphasizes the knowledge, skills, dispositions required by educators and parents to provide an effective and equitable education for African American students.

**EDU 337 Diversity, Social Justice and the 21st Century Learner
(DESIGNATED SERVICE-LEARNING COURSE) credit 3 hrs.**

Using an integrated approach, this course involves the study of the theoretical and practical foundations for effective teaching in diverse classrooms. Class discussions, assignments, and service learning projects will explore the intersection of student learning and issues of social justice to include the relation to identities such as race, gender or socioeconomic status, and exceptionalities. Twenty (20) Service-Learning hours are required.

EDU 331 Research Methods credit 3 hrs.

This course focuses on quantitative and qualitative educational research methodology, data collection, and analysis. Preparation of research proposals and evidence-based decision making are emphasized.

EDU 332 Educational Psychology credit 3 hrs.

A study of the psychological principles basic to an understanding of the learner, the learning process and the learning environment. Emphasis will be on the scientific study of the learning/ teaching and assessment process enabling the prospective teacher to integrate concepts into teaching strategies.

CHILD AND FAMILY DEVELOPMENT COURSES**CFD 110 Introduction to Child and Family Development Careers credit 1 hr.**

Identification and exploration of careers related to children and families. Legal requirements for working with children are discussed (e.g., background checks). NAEYC standards and professional code of ethics are also addressed.

EDEC 230 Introduction to Early Childhood Curriculum credit 3 hrs.

This course offers a complete and current overview of the historical and philosophical foundations, current issues, methods, and approaches to early childhood education.

CFD 332 Interpersonal Relationships credit 3 hrs.

This course provides an introduction to the field of interpersonal communication. Concepts related to the development and maintenance of interpersonal relationships are addressed.

CFD 333 Marriage and Family Relationships credit 3 hrs.

Basic concepts, principles, theories, and issues of development and change in family relationships are explored.

CFD 334 Parent Education and Guidance credit 3 hrs.

This course is designed to increase understanding of concepts and theories related to how parents teach,

guide, and influence children and adolescents. Prerequisites: CFD 333.

CFD 337 Family Dynamics

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This course focuses on the interaction among family members. Concepts include normal family stress, conflict management, and family stress and crises. Theories of family crisis and methods of adapting are emphasized. Prerequisites: CFD 333. Twenty (20) Service-Learning hours are required.

CFD 339 Family Resource Management

credit 3 hrs.

This course addresses concepts related to the factors that influence the decisions individuals and families make about developing and allocating resources such as time, money, material assets, energy, Friends, neighbors, and space, to meet their goals.

CFD 433 Family Life Education Methods

credit 3 hrs.

This course focuses on the understanding of the general philosophy and broad principles of family life education with an emphasis on the ability to plan, implement, and evaluate such educational programs.

CFD 437 Professional Ethics

credit 3 hrs.

This course provides an understanding of the professionally recognized standards of personal and professional behavior. Prerequisites: CFD 333, CFD 334, CFD 337 and CFD 339.

CFD 439 Family Law and Public Policy

credit 3 hrs.

This course focuses on current laws and policies that affect children and families. Prerequisites: CFD 333, CFD 334, CFD 337, and CFD 339.

CFD 450 Special Topics in Child and Family Studies

credit 3 hrs.

The study of special topics in child and family studies. Prerequisite: Nine hours in Child and Family Development and junior or senior standing, or consent of instructor. Course may be repeated for a maximum of six hours.

CFD 452 Families in Later Life

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This course offers an overview of aging and its implications for the family. Topics such as theories of aging, stereotypes about aging and older adults, social relationships during later life, work and leisure, and policies and programs affecting aging and older adults will be addressed. Twenty (20) Service-Learning hours are required.

CFD 462 Child and Family Development Internship

credit 12 sch.

This course is designed to give students practical site-based experience in settings serving children and families. A total of 400 hours of supervised experience is required. Also includes a seminar. Prerequisites: Completion of all major course requirements and a minimum 2.0 grade point average.

PHE 336 Human Sexuality

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

The course provides an overview of the physiological, psychological, and social aspects of sexual development throughout the lifespan. The focus of the course is to encourage the achievement of healthy sexual adjustment. Course topics include the emotional and psychological aspects of sexual involvement; sexual values and decision making; family planning; and the influence of sexual involvement on interpersonal relationships.

PROGRAM OF STUDY IN EDUCATIONAL STUDIES

Concentration: PK-6 Certification

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO 130	General Biology	3	PHYS 131	General Physical Science	3
BIO 110L	General Biology Lab	1	PHYS 111L	General Physical Science Lab	1
ED 131	Pre-Professional Comp	3	HIST 130	Intro to Afr. American History	3
MUS/ART 230	Music or Art Appreciation	3	*ED 130	Hist/Phil Foundations of Educ.	3
ED 111	The College Experience I	1	ED 112	The College Experience II	1
Total		17	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*ED 230	Creating Culturally Relevant Classrooms	3	EDU 235	Educating Afr. American Students	3
HIST 231	US History I	3	ENG 237	Oral Communication	3
*EDEC 230	Intro to Early Childhood	3	*EDEC 231	The Young Child	3
*EDU 230	Human Growth and Dev.	3	*ED 225	Foundations of Digital Media	2
SP/FR 233	Foreign Language	3	HE 230	Health Education	3
ED 221	Prof. Pathways Development	2	PSY/SOC 230	Intro to Psychology or Soc.	3
Total		17	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*ED 330	Instruct Plan & Assessment	3	*ED 331	Social Studies Education PK-6	3
*ED 335	Foundations in Teaching Reading PK-6	3	PHYS 140	Earth Science	4
*EDU 332	Educational Psychology	3	*ED 336	Instruc. Pract. In ELA	3
*ED 332	Sci & Health Education PK-6	3	*EDU 331	Research Methods	3
*ED 337	Math Education PK-6	3	*EDSE 330	The Exceptional Child	3
*EDU 337	Diversity, Soc. Justice and 21st Century	3			
Total		18	Total		16

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*ED 430	Integrating the Arts PK-6	3	*ED 460	Clinical Practice	12
	Content Area Reading & Writing PK-6	3			
*ED 431	Assessment of Reading & Writing PK-6	3			
*ED 435	Writing PK-6	3			
*EDEC 433	Methods and Materials Elective	2			
Total		14	Total		12

Total SCH 128

SCH in Major* 71

*Major courses require a "C" or better.

PROGRAM OF STUDY IN EDUCATIONAL STUDIES

Concentration: Child and Family Development

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO 130	General Biology	3	PHYS 131	General Physical Science	3
BIO 110L	General Biology Lab	1	PHYS 111L	General Physical Science Lab	1
ED 131	Pre-Professional Comp	3	HIST 130	Intro to Afr. American History	3
MUS/ART 230	Music or Art Appreciation	3	*ED 130	Hist/Phil Foundations of Educ.	3
ED 111	The College Experience I	1	ED 112	The College Experience II	1
Total		17	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*ED 230	Creating Culturally Relevant Classrooms	3	EDU 235	Educating Afr. American Students	3
HIST 231	US History I	3	ENG 237	Oral Communication	3
*EDEC 230	Intro to Early Childhood	3	*EDEC 231	The Young Child	3
*EDU 230	Human Growth and Dev.	3	*ED 225	Foundations of Digital Media	2
SP/FR 233	Foreign Language	3	HE 230	Health Education	3
ED 221	Prof. Pathways Development	2	PSY/SOC 230	Intro to Psychology or Soc.	3
Total		17	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*CFD 332	Interpersonal Relationships	3	*PHE 336	Human Sexuality	3
*CFD 333	Marriage and Family Relationships	3	*CFD 334	Parent Ed and Guidance	3
*ED 335	Foundations in Teaching Reading PK-6	3	*CFD 339	Family Resource Management	3
*EDU 337	Diversity, Soc. Justice and 21st Century Elective	3	*EDU 331	Research Methods	3
		3	*EDSE 330	The Exceptional Child Elective	3
Total		15	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*EDEC 433	Methods and Materials	3	*CFD 462	Child and Family Dev Internship	12
*CFD 437	Professional Ethics	3			
*CFD 439	Family Law and Public Policy	3			
*CFD 452	Families in Later Life Elective	3			
		3			
Total		15	Total		12

Total SCH 128
 SCH in Major* 68

*Major courses require a "C" or better.

Health, Physical Education and Recreation Department Mission

The mission of the Health, Physical Education and Recreation Department (HPER) is to offer a variety of courses that seek to promote optimal health, wellness and quality of life for members in our communities. The department provides a solid foundation for students to enter into their respective program area and/or continue graduate studies. The Recreation program prepares students to work in a professional indoor and/or outdoor park and recreational/leisure setting. The Public Health program prepares students for professional health, wellness-related occupations. The Sport Management program prepares students to work in service-related marketing and promotions, facilities management, and sports programming.

The Health, Physical Education and Recreation Department offers several courses in both Health and Physical Education that are required for all students. The department also offers three major programs of study:

Recreation and Leisure Services

Public Health

Sport Management

The **Recreation and Leisure Services** major seeks to prepare students to be able to work in a variety of Recreation and Leisure Service settings. Students majoring in Recreation and Leisure Services may work in city and county parks; municipal and county park and recreation agencies; adult and youth correctional facilities; university unions; college and university campus recreation and intramural sports programs; military recreation; outdoor/environmental recreation; youth development agencies (e.g. YMCA, YWCA, Boys & Girls Clubs); recreation and leisure settings (e.g., golf courses, amusement parks, resorts, cruise lines and event management), and commercial recreation services (e.g. event management, theme parks, hotel and resort management).

The **Public Health** major is designed to prepare students for professional public health, health-related wellness, and fitness-related occupations. Special attention is given to public health issues that pertain to the African American population. Students who pursue a career in Public Health will be able to work in a variety of professions to include: Community Health Educator; Disease Intervention Specialist; Health Communications Consultant; Health Education Consultant; Health Information Representative; Workplace Health Coordinator; and Rural Health Program Specialist.

The **Sport Management** program is designed to prepare students to work in a variety of sport careers and recreational settings offering sports related programs. Students completing this major may work in community sport programs (e.g. private sport club leagues, youth-focused organizations, and church recreation leagues); college sport programs, and sport facility management (e.g. athletic arenas and stadiums). Students may seek careers in: Athletics, Sport Media, Sport Marketing, Event Management, Academic Support Services, Ticketing and Finance, Directors of specific sport leagues, and Promotion of sport and recreation events.

The Recreation and Leisure Services, Public Health and Sport Management programs of study provide students with a solid foundation for continued graduate studies.

Required Activities

All Health, Physical Education and Recreation majors are required to present a Senior Research and/or a Program Evaluation Paper prior to graduation.

Service-Learning

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Honors Courses

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn honors credits in designated General Education courses or in regular courses. Students interested in more information should confer with the Honors Program Director.

The Honors courses offered in this department are:

HE	230H	Health Education
REC	321H	Programming for Youth Development
REC	334H	Recreation & Leisure Services with Diverse Populations
SM	337H	Sport Law



Description of Physical Education Courses**PE 120 Soccer****credit 2 hrs.**

This course is designed to provide instruction in the fundamental techniques, rules, basic team tactics, and strategies.

PE 121 Tennis**credit 2 hrs.**

Basic instruction is offered in the fundamental skills of beginning tennis. Students are expected to execute these skills to the point that they are able to successfully participate in the sport, understand appropriate strategies, and utilize correct strokes.

PE 122 Fitness for Life**credit 2 hrs.**

This course is designed to evaluate the basic physical fitness level of students, and to develop for them a personalized exercise prescription to improve their strength and cardiovascular efficiency. Each student must show improvement in flexibility, strength, and cardiovascular endurance to complete the course.

PE 123 Leisure Skills**credit 2 hrs.**

This course focuses on skills related to lifetime leisure sports such as bowling, golf, and badminton.

PE 120 Aerobic Dance**credit 2 hrs.**

This course combines music and dance exercises as a method of developing important aspects of physical fitness.

PE 125 African Dance and Drumming**credit 2 hrs.**

This course explores various African dance movement patterns and examines how drumming influenced these patterns. Students will learn various dance movements and drumming skills indigenous to different African countries.

PE 127 Volleyball**credit 2 hrs.**

This course is designed to provide instruction in the fundamental skills of power volleyball. Emphasis is on the techniques of performing the overhand serve, bump, set, dig, and spike.

PE 220 Exercise Prescription**credit 2 hrs.**

This course will help students acquire skills and techniques in developing an individualized physical fitness program. Students will learn how to measure physical fitness levels and plan appropriate prescriptions for endurance, strength and flexibility.

PE 225 Beginning Rhythm and Jazz**credit 2 hrs.**

This course is designed to study the role of dance as a tool for the development of perception, creativity, and self-expression. Emphasis will be placed on the cultural aspects of dance in various countries.

PE 320 Swimming**credit 2 hrs.**

This course provides students with the basic fundamental skills to become proficient, safe swimmers. Students will become familiar with CPR. This course can fulfill the general education requirement in physical education.

PE 420 Advanced Life Saving and Water Safety**credit 2 hrs.**

This course provides instruction and analysis of swimming and life-saving skills. Teaching methods and organizational techniques for all levels of swimming are also covered. Qualifying students receive the A.M.B.C. WSI Certification.

HEALTH COURSES**HE 120 Weight Control****credit 2 hrs.**

This course is designed to provide students with essential information about planning and implementing a personal weight control program. This course can fulfill the general education requirement in physical education.

HE 220 Stress Management**credit 2 hrs.**

This course is designed to help students develop methods and strategies to manage stress encountered in daily living. The course can fulfill the general education requirement in physical education.

HE 230 Health Education**credit 3 hrs.**

This course is designed as a general education course in health. It includes high interest reading based on scientifically sound information appropriate for health. It endeavors to develop health

educated individuals who are able to direct their own lives, maintain a positive attitude, and aid in offering solutions to community health problems. An honors section is offered as HE 230H.

HE 330 First Aid and CPR**credit 3 hrs.**

This course is designed to provide students with the knowledge and skills necessary in an emergency to help sustain life and minimize pain and the consequences of injury or sudden illness until medical help arrives. The course content and activities will prepare participants to recognize emergencies and make appropriate decisions for first aid care. The course teaches the first aid skills the student will need in order to act as the first link in Emergency Medical Services (EMS) system. This course all emphasizes prevention of injuries and illness, with a focus on personal safety and health. Using a healthy lifestyle-awareness inventory, participants will assess their environment and personal habits to reduce their risk of injury and illness.

HREC 412 Career Readiness**credit 1 hrs.**

This course is designed to allow students to prepare for careers in the sport industry through instruction in interviewing, resume drafting, writing cover letters and other elements of the job application process.

RECREATION AND LEISURE SERVICES COURSES**EHHS 111, 112, 221, Seminars****credit 1-2 hrs.**

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

REC 120: Critical Writing in Recreation**credit 2 hrs.**

This writing course is designed to focus on writing as integrally related skills. Students will study and practice reading comprehension, the writing process, and critical thinking. Students will create clear and correct sentences as they develop the skills necessary to write a variety of focused, developed, organized paragraphs and essays. This class will discuss the components of a scholarly research paper and it will introduce the typing and APA formatting rules.

REC 230: Introduction to Recreation and Leisure Services**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

As an introductory course in recreation and leisure services, emphasis is placed on the history, concepts, principles, and philosophical rationale of the recreation movement. Types of recreation sponsorship are analyzed, and a detailed investigation is made into the function of governmental levels in recreation. Future implications for recreation as a profession are analyzed in light of current trends

REC 232: Recreation Program Planning**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

Methods of program planning, publicity, and scheduling are covered; and utilization of time blocks and facilities are incorporated. Students identify the different recreation program areas, write program objectives that are utilized in the implementation process, conduct pre- and post- evaluations of community resources, and design a program of activities for a selected population.

REC 234: Financing Leisure Services**credit 3 hrs.**

This course provides a foundation of the financial considerations in recreation management. Revenue sources and their allocation are examined along with approaches to marketing recreation and leisure services. Prerequisites: REC 324 and REC 332.

REC 321: Programming for Youth Development**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

Students are introduced to foundational concepts and theories, as well as current issues in the field of youth development. This course features an intense practical component, where students will design and implement recreation experiences and services to promote positive youth development.

REC 324: Commercial Recreation**credit 3 hrs.**

An overview of the commercial recreation industry, specifically focusing on the procedures involved in the developing, marketing and managing of the enterprise. The student is introduced to the methods used in starting a leisure business. The management skills necessary for effective and profitable management of an enterprise are also discussed.

REC 330: Recreation Administration**credit 3 hrs.**

This course is designed to provide students with the basic understanding of the principles and procedures related to planning, development, design, and maintenance of recreation, park resources, and sport and leisure service areas and facilities.

REC 332: Legal Aspects in Recreation**credit 3 hrs.**

This course provides the student with an understanding of legal issues related to recreation, sport management and therapeutic recreation service delivery. The student will develop knowledge in areas including legal foundations, legal liability and tort, standard of care, land use policy, employment regulations, disability services, malpractice concerns, and current issues.

**REC 333: Recreation and Sport Management Volunteer Services
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The purpose of this course is to give students an opportunity to gain practical experiences and to assist students in making decisions concerning the types of populations they are interested in serving. Each student is required to complete one voluntary experience conditioning of forty-two (42) hours.

REC 334: Recreation & Leisure Services with Diverse Populations**credit 3 hrs.**

This course provides a discussion of the influence of age, disability, ethnicity, national origin, race, religion and gender on an individual's or group's preferences for particular recreation opportunities and experiences. Attention is also given to the implications of individual differences for the provision of recreation services. Prerequisites: REC 230, REC 232

REC 337: Research Methods in Recreation**credit 3 hrs.**

This course includes an analysis of the principal methods of Recreation research, the application of statistical computer packages that are applicable to Recreation and the development of a Senior Research Proposal.

REC 338: Outdoor Adventure Education**credit 3 hrs.**

This course covers the philosophy of Outdoor Adventure Education by examining the practical organizational and instructional skills needed for outdoor leadership. The psychosocial impact that the outdoor environment has on individuals will be covered.

**REC 437: Organization & Management of Recreation, Sport & Leisure Services
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is designed to study the organization and management of parks, recreation and sport services, governmental functions, organizational structures, and policies and personnel responsibilities. Aspects of financing, public relations, decision-making, and business practices are analyzed. The use of computers to facilitate administrative functions is also explored.

REC 439: Program Evaluation**credit 3 hrs.**

This course presents the types of program evaluations and their purposes. It will allow the students to conduct research and report on one of the following options: Option (1) Recreation Program Evaluation - of a recreation and leisure organization and/or agency and present the findings. *Recreation Program Evaluation students will write and present a program evaluation plan, which includes the following: Program Methods (goals-based, process-based, or outcome evaluation); Overview of Methods (questionnaires, interviews, focus groups, etc.); Selection of Method (gathering of information -- documentation review, observations, and case studies); Analyzing Method (interpreting the data), and Reporting Method (evaluation results - advantages and challenges). Option (2) Recreation Research Paper, *Research Students will: identify a problem, analyze the situation, gather relevant information, interpret the information, and propose a solution. In addition, students will learn to write using APA style and format. Prerequisites: REC 230, REC 232, REC 310, REC 321, REC 324, REC 330, REC 331, REC 332, REC 334, REC 338, and REC 437.

REC 460 Recreation Internship I**credit 6 hrs.**

This is a course designed to give students an opportunity to practice skills learned in the classroom and apply them to a practical setting. Under the guidance of the academic advisor and agency supervision, students are required to complete a minimum of 280 clock hours (sixteen consecutive weeks) of field placement under a certified supervisor. Prerequisites: REC 230, REC 232, REC 310, REC 321, REC 324, REC 330, REC 331, REC 332, REC 334, and REC 338.

REC 461 Recreation Internship II**credit 6 hrs.**

This is a course designed to give students an opportunity to practice skills learned in the classroom and apply them to a practical setting. Under the guidance of the academic advisor and agency supervision, students are required to complete a minimum of 280 clock hours (sixteen consecutive weeks) of field placement under a certified supervisor. Prerequisites: REC 230, REC 232, REC 310, REC 321, REC 324, REC 330, REC 331, REC 332, REC 334, REC 338, and REC 460.

PROGRAM OF STUDY IN RECREATION AND LEISURE SERVICES

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
	Health & Wellness	2	BIO/CHEM/ESC/PHYS	General Science Lecture	3
BA 130	Introduction to Business	3	BIO/CHEM/ESC/PHYS	General Science Lab	1
	Elective	3	*REC 120	Critical Writing in REC	2
HHS 111	The College Experience I	1	HIST 130	Intro to Afr. American History	3
			HHS 112	The College Experience II	1
Total		15	Total		16

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communications	3	FR/SP/AR 233	Intermediate Foreign Language	3
*SM 231	Sport Leadership & Mgt	3	*REC 232	Recreation Program Planning	3
*REC 230	Intro to Recreation	3	ENG 239	Language, Literacy & Power	3
ACC 231	Principles of Accounting	3	BA 230	Business Application Software	3
HHS 221	Professional Pathways	2	*REC 234	Financing Leisure Services	3
	Global & Intercultural Learning	3		Global & Intercultural Learning	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*REC 337	Research Methods in REC	3	*REC 333	Rec & Sport Mgt. Vol. Svs.	3
*REC 321	Programming for Youth Dev.	3	*SM 341	Sport Personnel Management	3
*REC 330	Recreation Administration	3	*REC 334	Diverse Populations	3
*SM 333	Sport Marketing and Entertain.	3	*REC 338	Outdoor Adventure	3
*SM 337	Sport Law	3	*REC 332	Legal Aspects in REC	3
	Elective	2	*REC 324	Commercial REC	3
Total		17	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
HREC 421	Sport Analytics	2	*REC 460	Internship I	6
*REC 437	Organization & Management	3	*REC 461	Internship II	6
*REC 439	Program Evaluation	3	HREC 412	Career Readiness	1
	Elective	6			
Total		14	Total		13

Total SCH 128

SCH in Major* 65

*Major courses require a "C" or better.

PUBLIC HEALTH COURSES**EHHS 111, 112, 221 College Experience I and II; Career Pathways Development****credit 1-2 hrs.**

(Course descriptions are located in the Academic Departments Cross-Disciplinary Courses section of the catalogue.)

PHE 120 Critical Writing for Public Health**credit 3 hrs.**

This writing course is designed to focus on reading and writing as integrally related skills. Students will study and practice reading comprehension, the writing process, and critical thinking. Students will create clear and correct sentences as they develop the skills necessary to write a variety of focused, developed, organized paragraphs and essays. This course discusses the components of a scholarly research paper and introduces the typing and APA formatting rules.

PHE 231 Introduction to Public Health**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

The course focuses on the historical development of public health in the United States. Topics include an analysis of public health concepts as well as principles and philosophies that form the basis for public health in contemporary society. Additionally, the public health delivery system is explored.

PHE 232 Mental Health**credit 3 hrs.**

The course investigates various approaches to handling crisis situations and an overview of the mental health services system. A primary focus is an investigation of the mental health of African-Americans.

PHE 234 Drugs and Society**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

Analysis and evaluation of scientific data on the effects of tobacco, alcohol, narcotics, and other dangerous drugs are covered. Current problems relating to control of use and abuse of these drugs and the role of Public Health in preventing substance abuse are explored.

PHE 330 Health and Aging**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

The course introduces the study of aging, and its implications for individuals, families, and society. Public Health students will gain the following knowledge concerning aging, demography, biology, physical and mental disorders, and disabilities, state and federal health policies, social aspects of the elderly, ethical issues, and ways to care for older individuals.

PHE 331 Human Diseases**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

The course covers communicable and chronic diseases of humans with regards to disease description, etiology, signs and systems, diagnostic procedures, treatment, prognosis and prevention.

PHE 332 Contemporary Public Health Problems for African-American**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

Current public health problems of interest, importance and impact of an individual, community, national and international basis are examined. Course content includes an overview of the state of the nation's public health. Contemporary public health aspects are investigated with an emphasis of implementation of positive behavior aimed at improving the public health of the individual and the community. Special emphasis is placed on contemporary public health problems of the minority community. Prerequisite: PHE 231

PHE 334 Public Health Special Topics: Diabetes and Hypertension**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING-COURSE)**

This course is a survey and investigation of diabetes and hypertension in the African-American community. Modifiable and non-modifiable risk factors are explored. Content gives Public Health students a working knowledge of diabetes and hypertension and how complications from both impacts the overall health. The course also focuses on how to reduce and/or prevent complications and explore interventions that work in community settings. The course will provide students with current South Carolina overview of African-Americans in Public Health professions and focus on ways to increase the number of Public Health professionals prepared to address chronic diseases most prevalent in African-American communities. Prerequisite: PHE 231

PHE 336 Human Sexuality **credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

This course seeks to encourage health attitudes toward sexuality by providing knowledge and having discussions about the formation of sexual attitudes and myths, the physiology of human sexual systems, psychological aspects of sex roles, love and human sexuality, sexual minorities, and the legal aspects of sexuality. Additionally, this course explores contemporary issues in human sexuality and prepares future public health professionals to conduct sexuality education with diverse populations in a variety of settings (i.e., school, community or worksite). Course content is intended to help students increase their knowledge of sexuality; improve their ability to educate about and promote sexual health; develop skills for improved communications; and increase their comfort level with topics of human sexuality. Students should have an open mind to facilitate discussion about the various topics related to sexuality and sexuality education.

PHE 337 Research Methods in Public Health **credits 3 hrs.**

This course includes an analysis of the principal methods of Public Health research, and the development of a Senior Research Proposal.

PHE 338 Health Administration **credit 3 hrs.**

This course provides an introduction to management functions, tasks, and roles as they are carried out in health services organizations. Discussion of emerging issues affecting the management of health service organizations is provided. This course uses the case method of analysis to develop critical thinking skills.

PHE 339 Introduction to Health Promotion and Education **credit 3 hrs.****(DESIGNATED SERVICE LEARNING COURSE)**

Introduction to the field of Health Education /Promotion. History and philosophy of health education and the theoretical foundations are covered. The roles and responsibilities and typical settings in which Certified Health Education Specialists are employed are covered as well as the ethical principles that guide the profession. Prerequisite: PHE 231

PHE 430 Global Health **credit 3 hrs.**

Overview of health around the world. The class will explore contemporary issues, problems, and controversies in global health and identify key global health challenges, their distributions, and prevention strategies. Prerequisites: PHE 231

PHE 431 Public Health Biostatistics **credits 3 hrs.**

This course covers the basic principles, methods, logic and language of statistics from a public health perspective. Topics include descriptive statistics for single-variable and bivariate data (summary statistics and correlation), basic probability, distributions (Binomial, Normal, and Chi-Square), and inferential statistics for one and two populations (confidence intervals, hypothesis testing, and t-test). This course culminates with the completion and presentation of the Senior Research Project. Prerequisite: PHE 337

PHE 460 Public Health Internship I **credit 6 hrs.**

This course is designed to give students an opportunity to practice skills learned in the classroom and apply them to a practical setting. Under the guidance of an academic advisor and agency supervisors, students are required to complete a minimum of 200 clock hours (five consecutive weeks) of field placement under a certified supervisor. Prerequisites: PHE 231, PHE 232, PHE 234, PHE 330, PHE 331, PHE 332, PHE 336, PHE 337, PHE 338, and PHE 431.

PHE 461 Public Health Internship II **credit 6 hrs.**

This course is designed to give students an opportunity to practice skills learned in the classroom and apply them to a practical setting. Under the guidance of an academic advisor and agency supervisors, students are required to complete a minimum of 200 clock hours (five consecutive weeks) of field placement under a certified supervisor. PHE 460 and PHE 461 can be taken concurrently. Prerequisites: PHE 231, PHE 232, PHE 234, PHE 330, PHE 331, PHE 332, PHE 336, PHE 337, PHE 338, PHE 431 and PHE 460.

ESC 436 Epidemiology

credit 3 hrs.

Course content presents principles of epidemiologic thinking; measure of disease frequency and association, rates, etiology, prevention and control; determinants of disease and distribution factors influencing health and disease in populations; study design and analysis; indices of disease and health; epidemiology methods used in the investigation of health efforts of environmental exposures. Prerequisites: Waived for Public Health majors.

PROGRAM OF STUDY IN PUBLIC HEALTH

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
HE 230	Health Education	3	BIO 130	General Biology	3
HIST 130	Intro to Afr. American History	3	BIO 110L	General Biology Lab	1
*ESC 130	Environmental Science	3	*PHE 120	Critical Writing for Public Health	2
*ESC 110L	Environmental Science Lab	1	SP/FR/AR 233	Intermediate Foreign Language	3
HHS 111	The College Experience I	1	HHS 112	The College Experience II	1
Total		17	Total		16

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	BIO 234	Human Anatomy & Phys II	3
BIO 233	Human Anatomy & Phys I	3	*PHE 232	Mental Health	3
*PHE 231	Intro to Public Health	3	*PHE 234	Drugs and Society	3
HHS 221	Prof. Pathways Development	2	SOC 230	Introduction to Sociology	3
	Electives	6	BA 230	Business App, Software	3
				Global & Intercultural Learning	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*PHE 339	Intro to Health Promotion	3	*PHE 332	Contemporary Health Prob.	3
*PHE 331	Human Diseases	3	*PHE 336	Human Sexuality	3
*PHE 330	Health and Aging	3	*PHE 337	Research Methods in PHE	3
*PHE 334	Public Health Special Topics	3	*PHE 338	Health Administration	3
BIO 337	Nutrition	3	ESC 436	Epidemiology	3
	Health & Wellness	2		Elective	2
Total		17	Total		17

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*PHE 430	Global Health	3	*PHE 460	Public Health Internship I	6
*PHE 431	Statistics in Public Health	3	*PHE461	Public Health Internship II	6
	Elective	7	HREC 412	Career Readiness	1
Total		13	Total		13

Total SCH 128

SCH in Major* 57

*Major courses require a "C" or better.

SPORT MANAGEMENT COURSES**EHHS 111, 112, 221 College Experience I and II; Career Pathways Development****credit 1-2 hrs.**

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses sections of the catalogue.)

SM 120 Critical Writing in Sport Management**credit 2 hrs.**

This writing course is designed to focus on reading and writing as integrally related skills. Students will study and practice reading comprehension, the writing process, and critical thinking. Students will create clear and correct sentences as they develop the skills necessary to write a variety of focused, developed, organized paragraphs and essays. This class will discuss the components of a scholarly research paper and introduce the typing and APA formatting rules.

**SM 230 Introduction to Sport Management
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The program in sport management requires students to complete a core curriculum within sport management and apply the business concepts to all sports. This course will introduce sport: business operations and administration, marketing and promotions, law, media, accounting, psychology, issues in sports, and facilities and event management. The program is designed to prepare students in different settings and across various levels of sport management with the emphasis on service-learning.

**SM 231 Sport Leadership and Management
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course provides students with opportunities to develop leadership skills in recreation and sport. Emphasis will be placed on student's ability to apply knowledge of theories, principles, and practice to the task of being an effective leader.

SM 232 Sport Psychology**credit 3 hrs.**

This course is designed to provide students with an understanding of the theoretical structure that underlies psychology as it has been applied to sport. There will be a particular emphasis on the psychological concerns that confront sport leaders, coaches, athletes, teams, and organizations.

SM 233 Sport Finance**credit 3 hrs.**

The purpose of this course is to provide the students with the principles of economics, budgeting, and finance as it applies to the sport industry. Special emphasis will be placed on calculating profits and losses for sport organizations: tracking and graphing financial trends of revenues and expenses; analyzing revenues after factoring in inflation costs to determine adjusted profits or losses; and determining, evaluating, and reporting causes for trends and anomalies (in all of the above). The course materials will include ways to: analyze the financial value of sport franchises; evaluate revenue categories to determine viability; and analyze and discuss the impact of collective bargaining agreements on the financial value of franchises.

SM 331 The Role of Sport in Society**credit 3 hrs.**

The course analyzes the institution of sport as an agent for and reflection of cultural transmission and change as a subculture, with its own values and normative definitions. The materials within this course identifies the roles and responsibilities for each group, as well as, for the individuals within each group. This content is designed to make students aware of the impact of sport in the American and global culture. It includes many theoretical positions in the sociology of sport, and several significant viewings from various perspectives (i.e., race, sex, religion, nationalism, socialization, global, etc.).

**SM 333 Sport Marketing and Entertainment
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course covers the essentials of sport marketing which includes sport: planning, promotions, operations, and developing a market analysis. Students will examine the fundamental principles used in the marketing of sport, products, events, and the importance of service and quality.

**SM 335 Sport Facilities Management
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course focuses on the theory and practice of planning and managing facilities and events in interscholastic athletics. Topics covered in this course include: the strategic management of athletic

facilities, planning for facility construction and renovation, the maintenance of athletic facilities and equipment, event planning and management for school and non-school users, and emergency planning considerations utilized in program administration.

SM 337 Sport Law**credit 3 hrs.**

The purpose of the course is to provide students with an understanding of the legal issues involved in the operation and management of organizations in the sport business industry, and to equip students with the skills and strategies needed to effectively work with business executives and lawyers to resolve these issues. The course will focus on the practical application of the laws (rules and regulations, and decision-making processes), which will be applied when they become sport business managers, sport agents, and/or lawyers.

**SM 338 Sport Media and Communications
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course will explain and delineate the importance of having a comprehensive media communications strategy to improve the brand of a sport organization. Theories and research paradigms will be introduced to develop and evaluate a strategic communications plan and will create a strategic communications plan that provides a synopsis and recommendations for a sport organization.

SM 339 Research Methods and Statistics in Sport Management**credit 3 hrs.**

This introductory course focuses on two parts (1) developing an understanding of how to use research to solve problems for sport entities and organizations. Specifically, sport management students will learn how to identify a problem, analyze the situation, gather relevant information, interpret the information, and propose a solution. In addition, students will learn to write using APA style and format. Students will be introduced to experimental design concepts – the ability to ask researchable questions. (2) This course will also introduce the method of sport programming evaluation to the students. *Program Evaluation students will present the following: Program Methods (goals-based, process-based, or outcome evaluation), Overview of Methods (questionnaires, interviews, focus groups, and etc.), Selection Method (gathering the information-documentation review, observations, and case studies), Analyzing Method (interpreting the data), and Reporting Method (evaluation results - advantages and challenges). The student will write a full evaluation plan. This course also designed to develop students' competencies in understanding the rationales and computational procedures required for basic behavioral statistics. Prerequisites: SM 230, SM 232, SM 331, SM 333, and SM 335.

**SM 340 Athletic Administration
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course provides an overview of the roles and responsibilities of interscholastic athletic administrators. Participants will discuss the philosophy of interscholastic athletics, and examine the technical, human, and conceptual requirements of athletic administrators.

**SM 341 Sport Personnel Management
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course introduces modern principles and practices of personnel management (human resource management) in the organization, explains the key role of personnel management in achieving strategic objectives of the organization and introduces fundamental human resource functions that determine the competitiveness of the organization in the global economy.

SM 431 Sport Governance**credit 3 hrs.**

This course provides the Sport Management students with an examination of the governing sport organizations on the following levels: youth, secondary, intercollegiate, semi-professional, professional, international, sport specific, and Olympics. The focus will be on policy development in the educational, nonprofit, and professional sport venues.

SM 433 Ethics in Sport**credit 3 hrs.**

This course examines research findings and current literature relevant to issues affecting concepts of ethics and morality in sport. Some topics include: sportsmanship, code of professional ethics, behaviors in sport, ethical theories, ethics and management, influence, and decision-making. Students will use their critical thinking skills by identifying problems and solutions in an ethical, practical, and critical manner.

SM 438 Coaching & Officiating Techniques**credit 3 hrs.**

This course is designed to inform the students of the rules, officiating techniques, and problems arising in officiating with emphasis on: football basketball, baseball, volleyball, tennis, soccer, swimming, track,

and other sports of interest. Students will be able to seek opportunities to receive officiating certifications.

SM 439 Program Evaluation**credit 3 hrs.**

This course will inform of the types of evaluation and their purposes. It will allow the students to conduct research and report on one of the following options: Option (1) Sport Management Program Evaluation - of a sport organization and/or agency and present the findings. *Sport Management Program Evaluation students will write and present a program evaluation plan, which includes the follow: Program Methods (goals-based, process-based, or outcome evaluation), Overview of Methods (questionnaires, interviews, focus groups, and etc.), Selection Method (gathering the information--documentation review, observations, and case studies), Analyzing Method (interpreting the data), and Reporting Method (evaluation results - advantages and challenges). Option (2) Sport Management Research Paper, *Research Students will: identify a problem, analyze the situation, gather relevant information, interpret the information, and propose a solution. In addition, students will learn to write using APA style and format. Prerequisites: SM 230, SM 232, SM 331, SM 333, SM 335, SM 337, SM 338, SM 339, SM 340, and SM 341.

ATC 230 Intro to Athletic Training**credit 3 hrs.**

This course is intended to introduce students to the profession of athletic training and sports medicine; including history, function, career opportunities and professional standards of the national (NATA) and state (PATS) organizations, as well as the educational objectives of the athletic training major. This course is designed for students who are interested in fields such as: athletic training, physical therapy, sport medicine, physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine related fields. This course focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. The course includes class work and hands-on application.

HREC 421 Sport Analytics**credit 2 hrs.**

This course is an introduction to the application of analytic tools and techniques used to aid sports administrators. The course examines: player and team performance measurement, in-game decision-making strategies, and player selection and team/roster construction. The students will learn about the different statistician programs and software used to analyze the major sports for marketing and promotional purposes.

SM 460 Sport Management Internship I**credit 6 hrs.**

This course is designed to prepare students for their internship. Students will learn how to construct an effective resume, interview skills, business etiquette, and etc. The students will also gain real-life experience by working for an amateur, collegiate, and/or professional sport organization. Under the guidance of the academic advisor and agency supervision, students are required to complete a minimum of 200 clock hours (sixteen consecutive weeks) of field placement under a qualified supervisor. Prerequisites: SM 230, SM 232, SM 331, SM 333, SM 335, SM 337, SM 338, SM 339, SM340, SM 341, SM 431, SM 433, and SM 439.

SM 461 Sport Management Internship II**credit 6 hrs.**

This course is designed to prepare students for their internship. Students will learn how to construct an effective resume, interview skills, business etiquette, etc. The students will also gain real-life experience by working for an amateur, collegiate, and/or professional sport organization. Under the guidance of the academic advisor and agency supervision, students are required to complete a minimum of 200 clock hours (sixteen consecutive weeks) of field placement under a qualified supervisor. Prerequisites: SM 230, SM 232, SM 331, SM 333, SM 335, SM 337, SM 338, SM 339, SM 340, SM 341, SM 431, SM 433, SM 439, and SM 461.



PROGRAM OF STUDY IN SPORT MANAGEMENT

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
*SM 120	Critical Writing in Sport Mgt	2	BIO/CHEM/ESC/PHYS	General Science Lecture	3
BA 130	Introduction to Business	3	BIO/CHEM/ESC/PHYS	General Science Lab	1
	Elective	3		Elective	3
HHS 111	The College Experience I	1	HIST 130	Intro to Afr. American History	3
			HHS 112	The College Experience II	1
Total		15	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communications	3	FR/SP/AR 233	Intermediate Foreign Language	3
*SM 231	Sport Leadership & Mgt	3	*ATC 230	Intro to Athletic Training	3
*SM 230	Intro to Sport Management	3	*SM 232	Sport Psychology	3
ACC 231	Principles of Accounting	3	*SM 233	Sport Finance	3
PE 230	Swimming	2	SOC 230	Intro to Sociology	3
HHS 221	Professional Pathways	2	BA 230	Business Application Software	3
Total		16	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*SM 331	Role of Sport in Society	3	*SM 338	Sport Media & Communications	3
*SM 333	Sport Marketing and Entertain.	3	*SM 339	Research Meth. & Stat. Sp Mgt	3
*SM 335	Sport Facilities Management	3	*SM 340	Athletic Administration	3
*SM 337	Sport Law	3	*SM 341	Sport Personnel Mgt	3
	Global and Intercultural	3		Elective	3
	Elective	2			
Total		17	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
HREC 421	Sport Analytics	2	*SM 460	Sport Mgt Internship I	6
*SM 431	Sport Governance	3	*SM 461	Sport Mgt Internship II	6
*SM 433	Ethics in Sport	3	HREC 412	Career Readiness	1
*SM 439	Program Evaluation	3			
PE 438	Coaching & Officiating Tech	3			
	Elective	3			
Total		17	Total		13

Total SCH 128

SCH in Major* 62

*Major courses require a "C" or better.

SOCIAL WORK DEPARTMENT

The mission of the Benedict College Social Work Program is to provide comprehensive preparation for competent and ethical entry level social work practice and/or graduate education. The program includes: a) a curriculum grounded in the liberal arts and the generalist perspective, b) an emphasis on diversity, global awareness, and social justice, and c) service to the profession and the local community. The Program is accredited by the Council on Social Work Education (CSWE).

Admission to the Social Work Program

Students who declare social work as a major in the freshman year must adhere to the following procedures*:

1. Must pass EHHS 111 and EHHS112 - Freshman Seminar I and Freshman Seminar II;
Must pass with a letter grade of C or better SW 130 - Critical Thinking for Social Workers and SW 230 - Introduction to Social Work. (SW 230 has a 20-hour volunteer service component that must be completed in a human service agency);
2. Must submit a written Application for Admission to the Social Work Program.
3. Must successfully complete an admission interview with members of the faculty of the Social Work Department (to include, when possible, the faculty who taught SW 230 and the department chair, or designee)
4. Must have a cumulative 2.5 GPA at the time of application for admission to the social work program

*All other students must have their transcripts evaluated by the Department Chair or a designee and meet all the requirements of a social work major including numbers 2, 3 and 4 above.

SERVICE-LEARNING

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Required Activities

All social work majors must have a cumulative grade point average of 2.5 in the foundation social work courses listed above to enter the field and to graduate.

Required Field Practicum

During the senior year, students are required to complete the block field practicum. This is a supervised educational experience in a human service agency. Students are required to serve four (4) days per week in an agency setting and one (1) day per week in an on-campus seminar. Students must successfully complete both SW 490 Field Instruction and SW 490S Field Instruction Seminar with a minimum grade of "C" to receive field practicum credit.

Professional Certifications

The Social Work Program offers a certificate in **Child Protective Services (CPS)** to students interested in working with abused and neglected children and their families. The program also offers a certificate in **Interdisciplinary Gerontology** to students interested in working with older adults. (See Description in Program of Study).

Honors Courses

Honors courses are writing intensive, technologically enhanced and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn Honors credits in designated General Education courses or in regular courses. Students interested in more information should confer with the Honors Program Director.

CLUBS, ORGANIZATIONS AND COMMITTEES IN THE SOCIAL WORK DEPARTMENT

SOCIAL WORK ADVISORY COMMITTEE

The Social Work Advisory Committee is composed of two Social Work faculty members, four faculty members from other disciplines, six professional practitioners, and two students. Students in the department nominate student committee members and the Department Chair appoints the six professional practitioners. The Committee provides important input in such areas as faculty recruitment, curriculum revision, field placement expansion, summer employment opportunities, and reaccreditation of approved status with the Council on Social Work Education. This is a college-wide committee that reports to the Senior Vice President for Academic Affairs.

SOCIAL WORK CLUB

This is the oldest chartered organization within the Social Work Department. The primary purpose of the Social Work Club is service. The Club is composed of students who are interested in working with and for people. Its activities include participation in civic and charitable work, and community development. The Club contributes to the enrichment of students by helping them know and understand social needs, services, and issues. Students also acquire an understanding and appreciation of social work as a profession. Membership is open to social work and other majors.

ASSOCIATION OF BLACK SOCIAL WORKERS (ABSW) STUDENT CHAPTER

The Benedict College Chapter of the Association of Black Social Workers was organized for the purpose of targeted outreach in the African American community. Students are responsible for planning and implementing events that help to alleviate the conditions caused by societal oppression. Membership in the student chapter of the Association of Black Social Workers affords student members the opportunity to participate in scholarship competitions, network with other social work student professionals from around the country and hold national offices in the ABSW Office of Student Affairs Division.

PHI ALPHA HONOR SOCIETY

The purposes of Phi Alpha Honor Society are to provide a closer bond among students of social work and promote humanitarian goals and ideals. Phi Alpha fosters high standards of education for social workers and invites into membership those who have attained excellence in scholarship and achievement in social work. Membership is open to social work students, faculty, and practitioners who meet chapter qualifications.



SOCIAL WORK COURSES

EHHS 111, 112, 221, Seminars

credit 1-2 hrs.

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

SW 130 Critical Thinking for Social Workers

credit 3 hrs.

This course involves the careful examination and evaluation of beliefs and behaviors by paying close attention to the thought process and logic supporting these beliefs and behaviors. Since social workers interact with micro, mezzo, and macro client systems and have the role of making and influencing decisions that impact the lives of many people, this course is designed to help students understand how to make purposeful decisions that reflect a clear and thorough evaluation of the process and the evidence. It will examine assumptions, facts, and the relationships between facts. Focus also will be on the need to be creative and open to alternative views in addressing problems. Vignettes and experiential activities covering the spectrum of social work will be used.

SW 230 Introduction to Social Work**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

As an introductory course to the profession of social work, the course is designed to facilitate students' understanding of and beginning identity with the profession, its code of ethics, value system, and the conscious, planned use of self in professional helping. Personal skill development and values clarification are explored as a means of assisting students in assessing their own values and feelings about the diverse nature of human beings and the human condition. A generalist, problem-solving process that is used with multilevel client systems (individuals, groups, families, organizations and communities) is introduced. Fields of social work practice as well as diverse client groups are also explored. Students are required to complete a 20-hour volunteer experience in a public, private, or non-profit social work or human service agency.

SW 231 Writing for Social Work**credit 3 hrs.**

This course is designed to help social work students improve their writing skills. The course uses a write-to-learn approach. Students will write in response to written, visual and reading resources with an emphasis on deepening understanding, exercising critical thinking, and enhancing clarity and specificity of written communication. The course focuses specifically on the process of writing and some of the types of writing social work practitioners are required to do in everyday practice. Research and writing skills are emphasized and include conducting literature searches, outlining, paragraph and sentence structure, reviewing, using APA format, and proofreading for correct grammar, word usage, and punctuation. The course is designed to help students identify and correct common writing errors. For majors only. Prerequisite: SW 130

SW 232 Writing for Social Work II**credit 3 hrs.**

This course is designed to help social work students improve their writing skills utilizing a write-to-learn approach to build upon the skills taught in Writing for Social Work I. Students will enhance their ability to write in response to written, visual and reading resources with an emphasis on exercising clarity of written communication. Special emphasis will be on some of the types of writing social work practitioners are required to do in everyday practice. Specifically, this course will teach students how to write case notes, business letters, inter and intra-office memoranda, monthly reports and performance evaluations. For majors only. Prerequisites: SW 130, SW 230, SW 231

SW 236 African American Experiences in Social Work**credit 3 hrs.**

This course is designed to provide students with an understanding of the contributions of African Americans to social welfare and social work practice. The course covers a wide range of historical and contemporary issues regarding African Americans in social work. Additionally, the course focuses on the contributions of African Americans in initiating, planning and developing social welfare programs and service during the harsh period in US history when segregation, social and economic injustices toward people of color was acceptable. Students will develop an awareness and understanding of some of the social and psychological/cognitive issues that influence the behavior of African Americans across the lifespan. For majors only. Prerequisite: SW 130, 230

SW 330 Human Behavior and the Social Environment: Individuals**credit 3 hrs.**

This course is one of two courses on Human Behavior in the Social Environment (HBSE) foundation curriculum content area that are required for undergraduate social work majors. The course focuses on individual development across the lifespan from conception to death and emphasizes reciprocal relationships between human behavior and the social environments. The content of the course includes empirically based theories and knowledge of the biological, sociological, cultural, psychological, and spiritual development across the life span. It is the beginning of the study of an ecological systems perspective for understanding and assessing human development throughout the life cycle. Information on ways social systems promotes or deters maintaining or achieving health and well-being, especially in the African American experience, is also included. For majors only. Prerequisites: Social Work 130, SW 230.

**SW 331 Human Behavior and the Social Environment: Larger Systems
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is one of two courses of Human Behavior in the Social Environment (HBSE) in the social work foundation curriculum content area that is required for social work majors. This course examines mezzo, macro systems' influence on diverse populations, with particular emphasis on populations-at-risk and oppressed groups. It also looks at the values and ethics of the social work profession as applied to these larger systems. Major theories of stress and social support will also be covered. Examination of the implications of social work values and theory for global concern,

such as human diversity, international social justice, and eco-environmental protection will be emphasized as important areas of concern for social work students. For majors only. Prerequisites: Social Work 130, SW 230.

SW 312 SW Seminar I: Experiential Practices of Social Work

credit 1 hr.

This course is the first of a series of three specific social work courses designed to give students practical experiences of social work. In this course, students will learn about the range of roles that social work practitioners may have throughout their career.

SW 332 Child Maltreatment I

credit 3 hrs.

This course emphasizes the following: the cause and effects of child maltreatment, assessment of children and families, the intervention methods used to protect children and the provision of effective services to children and families. Students learn the roles and responsibilities of child welfare workers, particularly those related to reunification, the principles of permanency planning, the legal systems and procedures related to child protection and out-of-home placement.

**SW 333 Social Work Practice with Individuals
(DESIGNATED SERVICE-LEARNING COURSE)**

credit 3 hrs.

The purpose of this course is to teach students practice skills that are inherent in the problem-solving process. Skills are taught within the context of the generalist method of social work practice. The course focuses on helping students to integrate social work values and ethics, theoretical constructs about people and problems, and self-awareness into the development of a body of beginning practice skills. Students are provided essential knowledge about working with individuals at the micro level. Emphasis is placed on students integrating their understanding of the person-in-environment configuration into the development of basic practice skills. Students are taught the entire problem-solving process (Generalist Intervention Model), with a focus on relationship building and acquiring basic interviewing skills. For majors only. Prerequisites: SW 130, SW 230.

SW 334 Social Work Practice with Families and Groups

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

The purpose of this course is to teach students practice skills that are inherent in the problem-solving process. Skills are taught within the context of the generalist method of social work practice. The course focuses on helping students to integrate social work values and ethics, theoretical constructs about people and problems, and self-awareness into the development of a body of beginning practice skills. Students are provided essential knowledge about working with individuals at the micro level. Emphasis is placed on students integrating their understanding of the person-in-environment configuration into the development of basic practice skills. Students are taught the entire problem-solving process (Generalist Intervention Model), with a focus on relationship building and acquiring basic interviewing skills. **For Majors Only** Prerequisites: SW 130, SW 230.

SW 335 Family and Child Welfare

credit 3 hrs.

This course focuses on current policy and practice in the field of child welfare. The varied family forms and child welfare services are explored, including foster family, group care, institutional placement of children, and adoption. A central concern of the course is the impact of the changing role of the family on child welfare policy and practice.

SW 336 Introduction to Social Gerontology

credit 3 hrs.

The course provides the student with the opportunity to acquire knowledge about the physical, social, and psychological processes of aging. This knowledge is intended to help the student understand the older person as a person. The course includes theories of adjustment, role change, social relationships, and the social forces that influence the aging process. Opportunities and constraints imposed by an urban industrial society on the aged are included. This course also provides information about programs and services for the older adults.

SW 337 Social Welfare Policy

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This course provides an overview of the historical development, pertinent concepts, and definitions associated with social welfare problems and social policy. It focuses on the social, economic, and political forces that affect the social welfare system. The development of programs to remedy poverty and related social problems are examined. The effect of racism and sexism as direct and indirect factors contributing to social problems are discussed. Specific content includes the influence of societal

values and political-economic schools of thought as well as cultural traditions formulation and funding of public assistance programs, and the analysis, implementation and implications of social welfare policies. The roles and responsibilities of social workers in policy and program development, implementation and evaluation also discussed. For majors only. Prerequisites: SW 130, SW 230

SW 338 SW Ethics and Cultural Issues

credit 3 hrs.

This course examines social work values in the context of ethical decision making in social work practice. Students will learn to apply principles, techniques and tools that can be used for ethical assessment and decision making. They will also learn to recognize ethical issues in social work practice and examine how values affect decision making. Additionally, this course will focus on the strengths and challenges faced by diverse population groups including, but not limited to, people of color; gay, lesbian, and bisexual individuals; people with disabilities; religious minorities; and the elderly. Finally, students will learn the characteristics of culturally competent social work practice and how to apply the knowledge, values and skills to different groups. For majors only. Prerequisite: SW 130, SW 230

SW 339 Child Maltreatment II

credit 3 hrs.

The second course in the Child Welfare Services and Certification Program emphasizes the following: family preservation, foster care, adoption, and permanency planning. In this course, the philosophy and principles behind family preservation will be discussed followed by an examination of services that are built on those principles. When they cannot remain intact, but hopes of reuniting, foster care, kinship care, or some other form family of out-of-home care is implemented. When family reunification is not an option, forms of permanency planning including adoption are implemented. This course will describe and examine these processes and services.

SW 411 SW Seminar II: Career Development I

credit 1 hr.

This course is the second of a series of three specific social work courses designed to give students practical experiences of social work. Specifically, this course gives students an in-depth examination of the steps necessary to transition from BSW student to graduate or early career professional. This course focuses on graduate education preparation, social work licensure, and pathways necessary to achieve the career that they seek. For majors only. Prerequisite: SW 312

SW 412 SW Seminar III: Career Development II

credit 1 hr.

This course is the last of a series of three specific social work courses designed to give students practical experiences of social work. In this course, students continue learning about a variety of SW career opportunities taught in SW 411. The primary focus of topics covered in this course are: developing job search techniques, career planning, resume and portfolio development, life-long wellness, preparation for social work mastery exams, and post graduate management of financial responsibilities. For majors only. Prerequisites: SW 312, SW 411

SW 430 Selected Topic Course

credit 3 hrs.

This course will provide senior-level relevant and cutting-edge content about current issues, modalities, and interventions to enhance preparation for social work practice and graduate school.

SW 431 Aging and Issues in Later Life

credit 3 hrs.

This course examines contemporary and cultural attitudes towards death and dying and the grief process. Students are provided the opportunity to understand the approach towards death from the psychological, social, moral, cultural, and ethical perspectives. Various factors, situations and circumstances surrounding death are explored including death due to accidents, death of children, factors that precipitate death, the personal struggle of the terminally ill, the impact of death on the family and significant other, and euthanasia.

SW 433 Applied Social Work Research I

credit 3 hrs.

This is the first of two courses designed to provide students the opportunity to integrate content of the social work curriculum with practice-informed research and research informed practice. The course provides an overview of research methods and uses of research in generalist social work practice. Students will learn research methodology both qualitative and quantitative; understanding and interpreting published research especially research conducted on diverse populations. Some of the key topics covered in the course include: evidence-based practice, research as critical thinking, research-based knowledge, developing research questions and formulating hypotheses, sampling, data collection, measurement, and analysis. For majors only. Prerequisites: SW 120, SW 230; SSCJ 333.

**SW 435 Social Work Practice with Communities and Organizations
(DESIGNATED SERVICE-LEARNING COURSE)**

credit 3 hrs.

This course focuses on understanding organizations and communities. It considers some of the most prevalent social work theoretical approaches and intervention strategies in working with communities and organizations. This course builds on the Generalist Intervention Model by applying it to macro systems. Theories and skills taught in this class are operationalized through experiential activities and assignments. For majors only. Prerequisite: SW 130, SW 230.

SW 436 Women's Issues in Contemporary Society

credit 3 hrs.

The course will include an analysis of women's status and position within our society; based on the premise that women's experiences emerge from society's social, political, and economic structures. Feminist theory is explored. General content areas include feminist history, women and employment, women and poverty, women and mental health, women and violence, women and social change, women of color, women and sexuality, and feminism and men. Specific issues to be included are sexism and social work, battered women, incest, pay equity, pornography, eating disorders, sexual harassment, older women, rape, teenage pregnancy, women and crime, women and power, and prostitution.

SW 437: Race, Ethnicity and Health

credit 3 hrs.

The course considers the role of social, environmental, institutional and cultural factors and its impact on health within African-American communities. Students will gain foundational knowledge in defining health, health disparities and health equity. Students will begin to explore how race, ethnicity and health intersect; the interplay between health and economic status; and learn about current US demographic trends. The course also details gaps in health outcomes that are associated with race/ethnicity, social class, education and equitable access to services.

SW 437: Race, Ethnicity and Health

The course considers the role of social, environmental, institutional and cultural factors and its impact on health within African-American communities. Students will gain foundational knowledge in defining health, health disparities and health equity. Students will begin to explore how race, ethnicity and health intersect; the interplay between health and economic status; and learn about current US demographic trends. The course also details gaps in health outcomes that are associated with race/ethnicity, social class, education and equitable access to services.

SW 438 SW Program Evaluation

credit 3 hrs.

This course is designed to help students understand and use an analytic approach to building knowledge for practice and evaluating service delivery in all areas of practice. This course builds on SW 337 (Policy) and SW 433 (Research Methods) to provide students with an opportunity to complete program evaluation in partnership with their Field Instruction placement. Different theoretical bases and methodological procedures for social work research are addressed, as well as basic statistical procedures and technological advances in both quantitative and qualitative designs. Ethical standards of scientific inquiry will be emphasized, with attention to protecting and promoting the well-being of vulnerable and oppressed populations. At the end of this course, students will present a completed research project in the form of a program evaluation. For majors only. Prerequisite: SW 130, SW 230, SW 433.

SW 439 Field Practice Preparation

(DESIGNATED SERVICE-LEARNING COURSE)

credit 2 hrs.

This course is designed to prepare students for their field placements by providing opportunities for critical assessment of personal, societal, professional values and ethics and to ensure that students develop appropriate knowledge and communication skills for observing, processing and recording data based on the generalist method. In addition, it will serve to introduce students to agencies and organizations representing different fields of social work practice and provide guidance in helping students select appropriate settings for field placement assignments. For majors only. Prerequisites: SW 130, SW 230, SW 330, SW 331, SW 333, SW 334, SW 337

SW 490 Field Instruction

credit 10 hrs.

This course is an educationally directed field practicum that provides students with teaching/learning experiences in a social service setting. A generalist framework is utilized to intervene with individuals, families, groups, organizations, and communities. For majors only. Prerequisites: Completion of all general education courses (except Senior Seminars); Minimum GPA of 2.5 in the following courses:

SW 130, SW 230, SW 231, SW 330, SW 331, SW 333, SW 334, SW 337, SW 433, SW 435, and SW 439.

SW 490S Field Instruction Seminar

credit 0 hrs.

This course is designed to ensure that professional behavior, classroom learning, and social work knowledge and values are appropriately integrated with field practicum experiences. A generalist teaching/learning approach will be employed to ensure that students have opportunities for processing and understanding their engagement in research and evaluation activities, and direct contact with individuals, groups, organizations and communities from a person-in-environment perspective. For majors only.

CHILD PROTECTIVE SERVICES

An attractive career in the field of social work is that of Child Protective Services, helping children and families through the prevention and treatment of child abuse and neglect. The Social Work Program offers a certificate in Child Protective Services to those students interested in working with abused and neglected children and their families. The certificate is available to any student who completes the prescribed program of study described below.

PROGRAM OF STUDY FOR CERTIFICATE IN CHILD PROTECTIVE SERVICES

		SCH
SW 230	Intro to Social Work	3
SW 332	Child Maltreatment I	3
SW 339	Child Maltreatment II	3

Total SCH 9

PROGRAM OF STUDY FOR CERTIFICATE IN INTERDISCIPLINARY GERONTOLOGY

Aging is a growing field of practice, and social workers are having an impact on this group. With the aging of the Baby Boom generation, people 65 and older will represent one in every five Americans by 2030. The social work program offers a certificate in interdisciplinary gerontology designed to improve programs and services to meet the needs of this growing, diverse and population and their families. The certificate is available to any student who completes the prescribed program of study described below.

		SCH
SW 336	Introduction to Social Gerontology	3
SW 431	Aging and Issues in Later Life	3
PHE 230	Health and Aging	3
CFD 452	Families in Later Life	3

Total SCH 12

***(All prescribed courses must be completed with a grade of “C” or better to receive either certificate.)**





PROGRAM OF STUDY IN SOCIAL WORK

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
HHS 111	The College Experience I	1	BIO/CHEM/ESC/PHYS	General Science Lecture	3
EC 130	Introduction to Economics	3	BIO/CHEM/ESC/PHYS	General Science Lab	1
HIST	Intro to Afr. American History	3	HHS 112	The College Experience II	1
	Health and Wellness	2	*SW 130	Critical Thinking for SW Elective	3
Total		15	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*SW 232	Writing for Social Work II	3
FR/SP/AR 233	Intermediate Foreign Language	3	*SW 236	SW AA Experience	3
PSY 230	Introduction to Psychology	3	*SW 332	Child Maltreatment I	3
*SW 230	Introduction to Social Work	3	*SW 330	HBSE I	3
*SW 231	Writing for Social Work I	3	SOC 230	Introduction to Sociology	3
HHS 211	Professional Pathways Dev. I	1	HHS 212	Professional Pathways Dev. II	1
Total		16	Total		16

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
SSCJ 333	Social Science Statistics	3	*SW 334	Social Work Practice II	3
*SW 437	SW Race, Ethnicity, & Health	3	*SW 338	SW Ethics/Cul Issues	3
*SW 331	HBSE II	3	*SW 339/431	Ch. Mal II or Aging & Issues	3
*SW 333	Social Work Practice I	3	*SW 337	Social Welfare Policy	3
*SW 336	Intro to Social Gerontology	3	CFD 452/Elective	Fam in Later Life/or Elective	3
	Elective	3	*SW 312	SW Seminar I	1
Total		18	Total		16

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*SW 439	Field Practice Preparation	3	*SW 490	Field Instruction	10
*SW 433	SW Research Methods	3	*SW 490S	Field Instruction Seminar	0
*SW 435	Social Work Practice III	3	*SW 438	SW Program Evaluation	3
*SW 430	Selected Topic Course	3	*SW 412	SW Seminar III	1
PHE 330/Elective	Health & Aging/or Elective	3			
*SW 411	SW Seminar II	1			
Total		16	Total		14

Total SCH 128

SCH in Major* 73

*Major courses require a "C" or better.

PE/HE = HE 120; HE 220; MS 121, 121L; MS 122, 122L; MUS 113, 213

Child Protective Services Certificate Courses (9 hours): SW 230, SW 332 & SW 339

Interdisciplinary Gerontology Certificate Courses (12 hours): SW 336, SW 431, PHE 330 & CFD 452

ACADEMIC SUPPORT UNIT

MILITARY SCIENCE PROGRAM

The mission of the program is to provide basic military education and, in conjunction with other college disciplines, to develop individual character and attributes essential to any Army Officer. Benedict College offers an Army Reserve Officers Training Corps (ROTC) program to all qualified students on a voluntary basis through a partnership agreement with the University of South Carolina. Classroom instruction for military science courses on the University of South Carolina campus.

All students who are interested in ROTC are encouraged to pursue Basic Course ROTC studies for a period of two (2) years as an elective. Students of the College who successfully complete the Basic Course may apply for admission to the Advanced Course ROTC, which is pursued during the final two years of their college enrollment. Those students who elect not to enroll in the Basic Course may also apply for admission into the Advanced Course but must successfully complete a four-week basic summer camp between their second and third years of college. Students who have reserve, National Guard or active duty military service experience may apply for advanced placement in the program once they are academically aligned.

Requirements for enrollment in Basic Course ROTC:

Be a regularly enrolled student of the College.

Be morally qualified as prescribed by the Department of the Army. Sign a loyalty oath.

Requirements for enrollment in Advanced Course ROTC: Be a citizen of the United States.

Be at least 17 years of age.

Successfully complete the first two years of a 4-year ROTC course; or complete a basic summer camp of 4 weeks duration; or receive credit in lieu of or as a result of previous military service.

Basic summer camp is held for new cadets between the second and third year of school.

Be eligible to qualify for appointment as Second Lieutenant prior to reaching 30 years (non-veterans) of age.

Be selected by the Professor of Military Science.

Agree to accept a commission if offered and serve for the period prescribed. Enlist in the Army Reserve; secure parents' or guardian's consent if under age 18. Satisfactorily comply with loyalty requirements.

Meet all requirements prescribed by the Department of the Army.

All Army ROTC classes and trainings are held at the University of South Carolina and transportation is provided to University of South Carolina and other training areas.

Scholarships

The Army ROTC Scholarship Program is designed to offer financial assistance to outstanding young men and women who meet all qualifications and are interested in the Army as a career. The three-year scholarship may be offered to rising sophomores who have completed one year of Army ROTC Training. The two-year scholarship is offered to students in their sophomore year who will complete two years of Army ROTC Training and plan to enter the Advanced Course.

General Information

All ROTC students enrolled in the Advanced Course Receive pay and allowances that total over \$9,000.00 during their junior and senior years.

Summer Camp Training

ROTC students enrolled in the Advanced Course attend a six-week advanced camp training period at the Department of the Army Selected Army training camps between the third and fourth years of Military Science. Students applying for admission into the advanced course without having completed the Basic Course are required to attend a four-week basic camp between their second and third year of college in addition to the four-week camp mentioned above.

Basic Camp: Is designed for cadets who've missed a portion of the basic Army ROTC classes. This camp will give cadets the basic knowledge of the 1st and 2nd years of ROTC.

Advanced Camp: A six-week camp, is designed for students who've completed the basic courses and requirements of Army ROTC and are preparing to enter their 4th year of ROTC. Advanced Camp, unlike Basic Camp, is a competitive camp and the cadets are evaluated on their leadership abilities based on the training they've completed during the ROTC Basic course.

Simultaneous Membership Program (ROTC/SMP)

The ROTC/SMP is a voluntary officer training program which requires Reserve Component (USAR) or National Guard (NG) enlisted status for eligibility. It is an enlistment option available to prior and non-prior service applicants qualified for enlistment in the USAR or NG who can meet the criteria for enrollment in the ROTC Advanced Course. The ROTC/SMP program allows cadets to participate with a reserve component unit during weekend Inactive Duty for Training assemblies and two-week Annual Training (normally during the summer months) performing the duties of a commissioned officer under the supervision of a commissioned officer. ROTC/SMP provides cadets with pay in the grade of E5 (Sergeant) as well as ROTC pay, plus advanced leadership training with USAR/NG units.

Uniforms and Equipment

The necessary training equipment, including uniforms and textbooks, is loaned to the College by the Department of the Army and issued to ROTC students by the College at no extra cost. Each student is responsible for the care and maintenance of equipment issued him or her. All uniforms, less specified pieces, must be turned in before leaving for the summer or earlier if a student drops any ROTC COURSE. Failure to turn in all assigned equipment will result in a hold being placed upon the student's Records.

Grading

The system of grading utilized by the instructors of Military Science is similar to that used in academic departments and conforms to that prescribed by the College.

Academic Credit

Academic credit toward the granting of a degree is given for the completion of military courses on the same basis as for non-military courses. With permission of the student's advisor, department head and the Vice President for Academic Affairs, military science courses may be taken in lieu of other social science courses to help satisfy the College's General Education requirement. MS 232 U S. Military History and MS 431 Theory and Dynamics of Military I are particularly suitable courses.

Distinguished Military Students and Graduates

Outstanding students are designated as Distinguished Military Students at the beginning of the fourth year of Military Science. These students may apply for commissions in the Regular Army. Upon graduation, if these students have continued to remain outstanding, they may be designated as Distinguished Military Graduates. They then are eligible for consideration and appointments as Regular Army Officers by the Department of the Army.

Program of Instruction

The general objective of the course of instruction is to produce quality junior officers who, by their education, training, and inherent qualities, are suitable for continued development as officers in the United States Army.

Instruction will cover military fundamentals common to all branches of the service.

The complete course of instruction comprises four years with not less than 30 hours of instruction in each of the first two years of the course and 60 hours of instruction in each of the last two years of the course.

In the first year of the Basic Course, instruction consists of 3 hours per week: 1 hour lecture and 2 hours leadership laboratory.

In the second year of the basic course, instruction consists of 4 hours per week: 2 hours lecture and 2 hours leadership laboratory.

In the two years of the Advanced Course, instruction consists of 5 hours per week: hours lecture 3 hours of classroom instruction and 2 hours leadership laboratory.

Special courses and drill formations may be held as deemed appropriate and necessary by the Professor of Military Science with the concurrence of the College administration.

MILITARY SCIENCE COURSES**MS 121 - Fundamentals of Military Science****credit 2 hrs.**

An introduction to the mission, organization and history of ROTC: Military and civilian obligation in

relation to National Security; Individual Arms and Marksmanship Techniques, Emergency Medical Treatment. The students will receive information that will help them understand and prepare military correspondence (the Army Writing Style). Leadership Laboratory training to include thorough indoctrination in military courtesy and customs of the service, drill experience, development of initiative and self-confidence.

MS 122 - Introduction to the Army**credit 2 hrs.**

A discussion of the mission and responsibilities of the United States Military Forces in support of National Security with emphasis on the role of the individual, participating citizen. Students will be introduced to Map Reading Techniques. Leadership Laboratory is a continuation of MS 101 Laboratory.

MS 231 - Fundamentals of Military Leadership**credit 3 hrs.**

A detailed study of the applicability of leadership principles, traits, and techniques in all job areas. Additionally, an appreciation is developed for leadership counseling techniques. The organization of the Army culminates this course.

MS 232 - Fundamentals of Military Decision Making**credit 3 hrs.**

A detailed study of orienteering to include basic fundamentals of map reading, grid systems, scale and distance, elevation and relief, military symbols, direction and location, and utilization of the declination diagram. Additionally, students will discuss the code of conduct, the principles of war and reinforce preparation of military correspondence. Leadership Laboratory is a continuation of M.S. 201 Laboratory.

MS 121L/122L/231L/232L - Basic Leadership Laboratory**credit 0 hrs.**

Leadership Lab is in conjunction with ARMY 101, 102, 201, 202. It is a period which supplements and reinforces, through practical application, the fundamentals taught in each of the Military Science courses. Leadership Lab is a progressive learning experience designed to produce effective and efficient Second Lieutenants for the United States Army. CREDIT included with lecture

MS 341 - Advanced Military Decision Making**credit 4 hrs.**

How to prepare and conduct military training, to include presentation and communication techniques. Included in this phase of instruction is a 10-minute oral presentation, how to cope with basic problems, i.e., discipline and motivation, encountered in small units, leadership training designed to further develop planning and organizational skills, fundamentals of offensive and defensive tactics of war.

MS 342 - Applied Military Leadership**credit 4 hrs.**

A review of the principles and fundamentals of small unit tactics, and the application of the principles of offensive and defensive combat to units of the infantry battalion. Familiarization with characteristics, operation and employment of small unit weapons, communication systems and equipment, and continued development of selected Military Skills. Orientation relative to administrative procedures, required standards of performance, and general conduct of training at Warrior Forge, the Leadership Development and Assessment Course. Continuation of Leadership Laboratory Training conducted in M.S. 301.

MS 341L/342L/441L/442L - Advanced Leadership Laboratory**credit 0 hrs.**

Leadership Lab is in conjunction with each of the aforementioned M.S. level courses in the advanced course. It is a period which supplements and reinforces, through practical application, the fundamentals taught in each of the Military Science courses. Leadership Lab is a progressive learning experience designed to produce effective and efficient Second Lieutenants for the United States Army. CREDIT included with lecture

MS 441 - Leadership and Management Seminar I**credit 4 hrs**

Leadership management and professional development, a study of the U.S. Army Personnel Management System, methods of conducting Command and Staff and Unit meetings, how to prepare military correspondence, ethics and professionalism, military justice.

MS 442 - Leadership and Management Seminar II**credit 4 hrs.**

Management simulation exercise and Active Duty orientation, small unit effectiveness and Army Training Management, the U.S. Army Logistics system, interpersonal skills, counseling techniques, and personnel evaluation, the Law and Principles of War, Code of Conduct and Geneva Convention, customs and courtesies of an Army officer.

CLUBS, ORGANIZATIONS AND SPECIAL PROGRAMS IN THE MILITARY SCIENCE DEPARTMENT

Each year, over 800 special training opportunities are extended to cadets through the Cadet Professional Development Training (CPDT) program. The CPDT program supplements campus training with practical leader development experiences and some additional skill identifier awarding courses. Cadets train in Army schools and with Active and Reserve units. CPDT consists of two subprograms, Cadet Troop Leader Training (CTLT) and Cadet Practical Field Training (CPFT).

Cadet Leader's Training Course (CLTC)

Location: Fort Knox, Kentucky. LTC is four weeks of intense classroom and field training held in the summer at Fort Knox, KY. This course is an accelerated version of the two years of leadership development training Cadets Receive in the Basic Course. By transforming yourself through rigorous training, you will qualify for enrollment in Advanced Army ROTC on campus - provided you have two years of college remaining (undergrad or graduate).

The benefits of this leadership training will extend well beyond your college years into any career field you choose. You may even qualify for a two-year scholarship that may take care of your college tuition and many other expenses. For more information, go to the LTC Website: http://www.goarmy.com/rotc/leaders_training.jsp.

Basic Airborne School (BAC)

Location: Fort Benning, GA. The Basic Airborne Course is a three-week training program conducted by the Airborne Department, USAIC, Fort Benning, GA that trains students the use of the parachute as a means of combat deployment. Successful completion qualifies cadets to wear the Parachutist Badge.

Students begin their first week on the ground, learning the basics of parachute landings, and start a vigorous training program. During the second week, called tower week, proper exiting of the plane will be mastered. As a cadet, you will be then given the opportunity to parachute from a 250-foot-high tower. The third and final week is the jump week. Cadets make five jumps from either a C-130 or C-141, including one-night jump and two combat jumps with full combat gear.

Air Assault School (AAS)

Location: Ft. Campbell, Kentucky. The AAS is a 10-day course of instruction that trains cadets on Combat Assault Operations involving associated equipment and U.S. Army rotary-wing aircraft. Successful completion qualifies cadets to wear the Air Assault Badge. This course is available at a number of installations, but the largest is located at the air assault home of Ft. Campbell, Kentucky. This eleven-day course is very demanding both physically and mentally, involving obstacle courses and several long ruck marches. You will learn the basics of aircraft familiarization and Recognition, sling load operations, and rappelling.

Cultural Understanding and Language Proficiency (CULP). Primarily following their sophomore year, CULP enables Cadets to spend one month in support of Army Security Cooperation programs for U.S Embassies worldwide, including military exercises, humanitarian aid missions, and military to military contacts English language training teams. During the summer of 2014 Gamecock supported Thailand, Ukraine, Africa and Kosovo. All participants are required to complete a short research paper and presentation on a topic related to their country of study, in addition to their practical field work.

Cadet Troop Leader Training (CTLT)

CTLT provides select advanced camp graduates the opportunity to increase their leadership experience through assignments to platoon leadership positions with active duty Army units for 3 or 4 weeks. This challenge is a definite learning experience, allowing you to gain a perspective on what you will be facing as a future officer. Generally, you are placed in a platoon leader position, leading 30+ soldiers and responsible for millions of dollars of equipment! While there, the cadet will enhance leadership skills and learn tasks associated with being an officer in the Army. If a cadet is assigned to a unit on jump status, and the cadet is already Airborne qualified, the cadet may participate in unit jumps on a permissive basis with approval by the CG and Cadet Command. The cadet receives an OER upon completion.

Nurse Summer Training Program (NSTP)

This training is only available to nurse cadets and provides opportunities to develop and practice a clinical phase of instruction at Army Medical Command Treatment Facilities worldwide. The cadets

receive an OER upon completion.

Air Force Reserve Officer Training Corps (AFROTC)

AFROTC is a nationwide program that allows students to pursue commissions (become officers) in the United States Air Force (USAF) while simultaneously attending college. AFROTC classes are held on college campuses throughout the United States and Puerto Rico; students can register through normal course registration processes. AFROTC consists of four years of Aerospace Studies classes (Foundations of the USAF, Evolution of USAF and Space Power, Air Force Leadership Studies, and National Security Affairs/Preparation for Active Duty), and a corresponding Leadership Laboratory for each year (where students apply leadership skills, demonstrate command and effective communication, develop physical fitness, and practice military customs and courtesies). College students enrolled in the AFROTC program (known as "cadets") who successfully complete both AFROTC training and college degree requirements will graduate and simultaneously commission as Second Lieutenants in the Active Duty Air Force.

The AFROTC program is currently offered at the University of South Carolina, but they have a crosstown agreement that allows our students to enroll in AFROTC and become full-fledged cadet participants. For more information on AFROTC course descriptions, please review <http://bulletin.sc.edu/content.php?catoid=37&navoid=798> and search classes with "AERO" as the prefix. For more information on the AFROTC program, please review <http://artsandsciences.sc.edu/aero/>.

PROGRAM OF STUDY IN MILITARY SCIENCE

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*MS 121	Fundamentals of Military Sci.	2	*MS 122	Introduction to the Army	2
*MS 121L	Basic Leadership Laboratory	0	*MS 122L	Basic Leadership Laboratory	0
			*PE 320	Swimming	2
Total		2	Total		4

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*MS 231	Fundamentals of Mil. Lead	3	*MS 232	Fundamentals of Mil Decision M	3
*MS 231L	Basic Leadership Laboratory	0	*MS 232L	Basic Leadership Laboratory	0
*HE 220	Stress Management	2			
Total		5	Total		3

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*MS 341	Adv. Military Decision Making	4	*MS 342	Applied Military Leadership	4
*MS 341L	Adv. Leadership Laboratory	0	*MS 342L	Adv. Leadership Laboratory	0
Total		4	Total		4

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*MS 441	Leadership and Mgt Sem. I	4	*MS 442	Leadership and Mgt. Sem II	4
*MS 441L	Adv. Leadership Lab	0	*MS 442L	Adv. Leadership Lab	0
Total		4	Total		4

Total SCH 30

SCH in Major* 30

*Major Courses require a "C" or better.

SCHOOL OF ARTS AND SCIENCES

The mission of the School of Arts and Sciences is to provide its students quality preparation for graduate, professional schools, and employment in several disciplines in the arts and sciences. The School provides students with the necessary academic, social, scientific, computer, and mathematical skills necessary for success in their chosen profession through interdisciplinary curriculum experiences, which are enriched, by critical and analytical thinking skills.

The School of Arts, and Sciences is comprised of four departments: Communication and Arts; Criminal Justice Administration and Social Sciences; Computer Science, Physics, Engineering, and Mathematics; and the Biology, Chemistry, and Environmental Sciences Department. It offers the following majors: English, mass communication, studio art, music, music industry, criminal justice administration, psychology, cybersecurity, biology, environmental health science, computer science, computer engineering, electrical engineering, and environmental engineering, and physics.

ORGANIZATION

The School of Arts and Sciences provides curriculum and experiences that facilitate advances in the humanities, discovery, and application of knowledge that contributes to the greater scientific community. The administrative structure is as follows:

Administration
Dean-TBA

Departments

Communication and Arts
Ms. Gina Moore, Chair

Criminal Justice Administration and Social Sciences
Dr. Leon Geter, Chair

Biology, Chemistry, and Environmental Sciences
Dr. Larry L. Lowe, Chair

Computer Science, Physics, and Engineering
Dr. Fouzi Arammash, Chair

Mission

The Communication and Arts Department seeks to provide excellence in teaching, research, creative endeavor and service through the disciplines of communication and arts. The specific disciplines include English, Mass Communication, Art, Music, Theatre and Foreign Languages. The mission of the Communication and Arts Department is to empower students and faculty to develop more meaningful and effective voices that make a lasting impact on society. Through the various programs of study, students learn to research, analyze, and articulate data, concepts, and messages in a variety of formats and platforms.

**CLUBS, PERFORMING ARTS UNITS, AND ORGANIZATIONS
IN THE COMMUNICATION AND ARTS DEPARTMENT****The International English Society**

The purpose of The International English Society is to encourage all nationalities of students, English faculty and staff who are interested and will be committed to creating a better world through the use of standard English and the application thereof, to meet and speak English with all cultures and/or nationalities.

Sigma Tau Delta International English Honor Society

Established at Benedict College in 1976, the purpose of the Sigma Nu Chapter of Sigma Tau Delta is to distinguish high achievement in English language and literature in undergraduate studies; promote cultural stimulation and interest in literature and the English language; foster all aspects of the discipline of English, including literature, language, and writing; and serve society by fostering literacy.

The Foreign Languages Organization

The purpose of the Foreign Languages Organization is to provide students from all nationalities and languages the opportunity to discuss academic, research, and career-related opportunities from a global perspective under the guidance of a faculty advisor.

The Art Club

The Art Club is open to all students interested in art exhibits and other arts-related activities. Its basic purposes are the stimulation and support of the creative efforts and expressions of student art. The club seeks to bring students together to discuss mutual problems and concerns, to exchange ideas and to promote cultural exchange and interchange of art works of local, national and international origin.

The Elite Voices

The Elite Voices is a contemporary vocal chamber ensemble of sixteen singers, keyboardist, and percussionist, which performs classical chamber, spiritual, contemporary gospel, show tunes, and popular music. Its members, selected from the Concert Choir by audition or consent of the director, represent the College in a myriad of campus and community functions.

The Gospel Choir

The Gospel Choir specializes in traditional and contemporary gospel, spirituals, and folk music, which stem from the Black religious' experience. Many who participate in this choir are persons preparing for some form of church vocation. This nationally acclaimed, award-winning choir is a major recruitment arm of the College and is open to all students by audition or consent of the director.

The Japanese Anime Culture League (Jacl)

The purpose of this organization is to open a doorway for the Benedict College family to experience a part of Asian Culture. Students must be full time and have a minimum GPA of 2.00. All student members are allowed to take positions of office.

The Mass Communication Club

The purpose of the organization is to showcase the knowledge and skills of Benedict College students within the Mass Communication major, through visual, audio, and writing skills workshops. Students' knowledge of mass communication career opportunities will be enhanced through attendance at workshops and various film festivals. The organization will also assist in the cultivation of internship opportunities.

COMMUNICATION AND ARTS DEPARTMENT

ENGLISH PROGRAM

Mission

The mission of the English program of study at Benedict College embraces a global vision of the art and practice of language and literature. By means of writing, independent research, and civic engagement, students engage in the construction and interpretation of meaning and experience through the power of words, discourse, and dialogue as a preparation for diverse professional careers and graduate school.

Career prospects as an English major are exciting, broad, and diverse. The educational backgrounds of many professionals such as educators, lawyers, ministers, social workers, and corporate CEO's began with a degree in English. Equally, English majors achieve success in advanced graduate and professional schools, because English majors can do exactly what employers need and value: communicate effectively in writing, read analytically, think critically and independently, synthesize holistically, and use research properly.

Minor in English

A minor in English assists students who are interested in achieving success in advanced graduate and professional schools and workplace settings by honing their skills in the following areas: communicating effectively in writing, reading analytically, thinking critically and independently, synthesizing holistically, and using research principles. Students in other disciplines may earn a Minor in English by successfully **completing 15 SCH from the list of courses below: (Must earn a grade of C or better in courses to earn a minor in English.)**

Required Courses

ENG 330 CRITICAL THINKING IN LITERATURE

ENG 334 MODERN ENGLISH GRAMMAR

I ENG 336 ENGLISH LITERATURE

Choose two of the following

ENG 234 LINGUISTICS

ENG 235 ENGLISH AS AN ALTERNATIVE LANGUAGE

ENG 236 LITERATURE IN THE AFRICAN DISPORA

ENG 331 STUDIES IN AFRICAN AMERICAN LITERATURE

ENG 333C TECHNICAL COMMUNICATION

ENG 337 LITERATURE AND MEDIA FOR ADOLESCENTS

ENG 339 LITERARY CRITICISM

ENG 433 STUDIES IN AMERICAN LITERATURE

ENG 436 STUDIES IN ENGLISH LITERATURE

Required Internships

Students enrolled in the English Program are required to complete, during the junior or senior year, a period of internship that closely correlates with their specific major and program of study. Students must enroll in the following courses for internship credit: ENG 332 CAREERS IN ENGLISH PRACTICUM and ENG 440 PROFESSIONAL INTERNSHIP FOR CAREERS IN ENGLISH.

Required Activities

All English majors are required to write and present a senior research paper/project prior to graduation. The development of a Senior research paper/project is a requirement in the following course(s):

ENG 439A RESEARCH METHODS

ENG 439C ENGLISH RESEARCH PROJECT

Service-Learning

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Honors Courses

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn honors credits in designated General Education courses or in regular courses via honors contracts. Students interested in more information should confer with the Honors Program Director. Listed below are the Honors courses offered in this department:

ENG 131H ANALYSIS AND ARGUMENTATION
 ENG 132H INFORMATION LITERACY AND RESEARCH
 ENG 232H MASTERPIECES OF WORLD LITERATURE

ENGLISH COURSES**HASS 111, 112, and 221 SEMINARS****credit 4 hrs.**

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

ENG 131 ANALYSIS AND ARGUMENTATION**credit 3 hrs.**

This course emphasizes critical reading and writing. It is designed to help students clearly express ideas using appropriate academic language by demonstrating reasoning and understanding of audience, context, and the mechanics of academic writing in an organized and coherent manner. Using the writing process, students will construct convincing, well-developed argumentative and analytical writings that synthesize, document, and respond to various texts. Students will read strategically and critically to extract meaning through interaction with written and oral language.

ENG 132 INFORMATION LITERACY AND RESEARCH**credit 3 hrs.**

This course reinforces the critical reading, analytical writing and synthesis skills introduced in ENG 131, with emphasis placed on information literacy and research writing. Students will use qualitative and quantitative research strategies to effectively identify, locate, evaluate, and responsibly use and share information relative to complex, real-world topics or issues. Using APA style and documentation, students will use primary and secondary sources to produce a well-written researched paper. Prerequisites: ENG 131 Analysis and Argumentation with a grade of "C" or better.

ENG 236 LITERATURE IN THE AFRICAN DIASPORA**credit 3 hrs.**

This course engages students in critical questions about the translation of oral cultures into writing, the representation of "otherness," access to history, the legacy of colonialism, the implications and consequences of neocolonialism and current attempts at "colonizing in reverse." Prose, poetry, drama, and film by black writers in Africa, the Americas, Asia, and Europe will be introduced.

ENG 237 ORAL COMMUNICATION**credit 3 hrs.**

This course is designed to improve the students' interpersonal, intrapersonal and public communication abilities to analyze topics, support assertions with proof, amplify ideas, structure messages, use language in appropriate and imaginative ways, and deliver messages with effective vocal and physical behavior. The content touches upon the history, theories, and professional practices of speech communication. Sensitivity to intercultural diversity is a part of the course.

**ENG 238 ADVANCED SPEECH COMMUNICATION
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course involves a study of rhetorical principles and models of speech composition in conjunction with the preparation and presentation of specific forms of public address. This course is designed to provide students the soft skills needed to effectively engage in workplace communication such as interviewing, group communication, and public communication. Students may earn up to 40 hours of service-learning credit. Appropriate for non-majors. Prerequisites: Prerequisites: ENG 131 Analysis and Argumentation; ENG 132 Information Literacy and Research; ENG 237 Oral Communication.

**ENG 239 LANGUAGE, LITERACY, AND POWER
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This experiential course introduces students to the discipline of English as a major using language as a context for understanding career pathways in the professional environment. Simultaneously, students will examine how the power of rhetoric and ethnographic methodologies can be transformative in the workplace and in wider public settings. Students may earn up to 40 hours of service-learning credit.

**ENG 330 CRITICAL THINKING IN LITERATURE
(DESIGNATED SERVICE-LEARNING COURSE)**

credit 3 hrs.

This course introduces critical thinking through the study of critical theories and the application of critical strategies in organizing effective arguments and responses to oral and written texts.

ENG 331 STUDIES IN AFRICAN-AMERICAN LITERATURE

credit 3 hrs.

This course surveys African-American literature that spans the period from the early Colonial era to the present. Readings will chart the evolution of African-American literary traditions and movements placing emphasis on moral, social, intellectual, and political currents reflected in the writings. Writers may include Hurston, Baldwin, Gates, and DuBois, Washington, Morrison, and Angelou.

ENG 332 CAREERS IN ENGLISH PRACTICUM

credit 3 hrs.

This course provides students with experiences in practical settings under the supervision of an assigned instructor in preparation for the internship experience. Placements can be in an on or off-campus setting. Students must complete 40 hours of practicum experience. Prerequisite: ENG 239 Language, Literature, and Power.

ENG 334 MODERN ENGLISH GRAMMAR

credit 3 hrs.

The course focuses on the analytical methods applied to English grammar, with stress on traditional, structural, and transformational-generative grammars. Emphasis is on the components of English grammar: Phonology, morphology, syntax, semantics, pragmatics, etymology, and orthography.

ENG 335 HISTORY OF THE ENGLISH LANGUAGE

credit 3 hrs.

The course traces the development of the English language from the earliest period to the present, introducing and emphasizing sounds, inflections, syntax, vocabulary, and usage of the English language during these periods.

ENG 336 ENGLISH LITERATURE

credit 3 hrs.

This course surveys major English works of literature from the Middle Ages to the present. Emphasis is placed on literary trends, genres, movements, and periods.

ENG 338 CONTEMPORARY LITERATURE

credit 3 hrs.

This course surveys selected American and British novels, short stories, drama, poetry, and other writings from 1900 to the present.

ENG 339 LITERARY CRITICISM

credit 3 hrs.

This course is designed to acquaint students with the major texts and schools of literary criticism from ancient to modern times and to provide students with standards of judgment. It also provides practice in analyzing literary works. Prerequisite: ENG 330 Critical Thinking in Literature.

ENG 433 STUDIES IN AMERICAN LITERATURE

credit 3 hrs.

This course surveys selected major American authors from selected works of the Colonial Period to the present time with attention to prominent themes, contemporary theoretical issues, literary techniques and genres, and relevant cultural and historical contexts. Writers may include Emerson, Thoreau, Hemingway, Whitman, Dickinson, and Poe. Prerequisite: ENG 339 Literary Criticism.

ENG 436 STUDIES IN ENGLISH LITERATURE

credit 3 hrs.

This course surveys selected major English authors with attention to prominent themes, contemporary theoretical issues, literary techniques and genres, and relevant cultural and historical contexts. In addition to Shakespeare, writers may include Chaucer, Conrad, Joyce, Milton, Swift, Spenser, and Yeats. Prerequisite: ENG 336 English Literature.

ENG 439A RESEARCH METHODS

credit 3 hrs.

This course explores and engages students in the interdisciplinary research methods used in the field of English. This methodology course will give English majors access to literary analysis methodologies as well as empirical research. Specifically, students will conduct literary research, consult online research databases, and select from various primary and secondary sources. The course will focus on location, evaluation, management, and use of information and will combine lecture and hands-on learning where students will apply the general principles and strategies presented in class to their specific research projects. Prerequisite: ENG 339 Literary Criticism.

ENG 439C ENGLISH RESEARCH PROJECT**credit 3 hrs.**

This course examines the methods, practices, and research tools in the field of English. Students' research projects explore current concerns and problems in the discipline. These projects culminate in the Senior Paper demonstrating an in-depth analytical treatment of a topic in the field, the application of research materials and styles, and a thorough grasp of language forms. Prerequisite: ENG 439A Research Methods.

ENG 440 PROFESSIONAL INTERNSHIP FOR CAREERS IN ENGLISH**credit 3 hrs.**

This course involves placement of students in selected agencies to work in specific areas requiring particular professional skills in the workplace under the supervision of an assigned instructor. Placements can be in an on or off-campus setting. Students must complete 120 hours of internship experience. Prerequisite: ENG 332 Careers in English Practicum.

ENGLISH ELECTIVES**ENG 220 READING AND VOCABULARY DEVELOPMENT****credit 2 hrs.**

This course will focus on vocabulary acquisition and application and critical reading skills essential for lifelong learning. This course is designed to advance reading skills and to use reading strategies to help students improve in the areas of critical reading and critical thinking.

ENG 230 DIGITAL RHETORIC**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This composition course engages students in mediums within and beyond traditional "writing". In addition to advanced writing principles, the course primarily provides students with hands-on opportunities to interpret and compose in both digital and print contexts across a variety of forms. Students may earn up to 40 hours of service-learning credit. Prerequisites: ENG 131 Analysis and Argumentation; ENG 132 Information Literacy and Research.

ENG 231 LITERATURE AS LIFE**credit 3 hrs.**

This is an introductory literature course for non-English majors that explores themes about real-world experiences in selected works of literature. Emphasis is focused on the application of themes in the literary genres, basic techniques of literary terminology and basic analysis that can be applied to daily living in a global society. Prerequisites: ENG 131 Analysis and Argumentation; ENG 132 Information Literacy and Research.

ENG 232 MASTERPIECES OF WORLD LITERATURE**credit 3 hrs.**

This is an advanced survey course intended for students with literature backgrounds and for English majors. The course covers major works of world literature from its origins to the present. Works studied are selected from literary genres that explore diverse cultures and topics from local and global perspectives. Emphasis is placed on contextual analyses that address contemporary issues relative to past challenges facing cultures and societies. Prerequisites: ENG 131 Analysis and Argumentation; ENG 132 Information Literacy and Research.

ENG 233 CREATIVE AND NON-FICTION WRITING**credit 3 hrs.**

This course introduces theories, techniques, and practices of writing essays, poetry, drama, fiction, and creative nonfiction genres. These genres may include the short story, the novella, writing for the web, blogging, and travel writing. Assignments range from readings and peer critiques to exercises culminating in publishable pieces of original works.

ENG 234 LINGUISTICS**credit 3 hrs.**

This course examines the scientific aspects of human language. Included in this course is the study of elementary concepts of speech production and phonological, morphological, and syntactic components of language and dialects within the central phenomena of theoretical linguistics.

ENG 235 ENGLISH AS AN ALTERNATIVE LANGUAGE**credit 3 hrs.**

This course guides students who desire to work in an environment that serves populations from limited or non-English speaking backgrounds. The course will examine and apply the rules of English grammar, paragraph relationships, and patterns of essay organization to various written assignments and oral presentations at the college level. Areas of study include the expansion of students' understanding of American culture through various mediums and supplementary materials to improve their skills in listening comprehension, reading, writing, and speaking.

**ENG 333A PROFESSIONAL EDITING
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course provides skills in revising and editing documents in mixed mediums. Students will learn how to edit articles, online texts, and professional texts to create professional prose. Students may earn up to 20 hours of service-learning credit. Prerequisite: ENG 230 Digital Rhetoric.

**ENG 333C TECHNICAL COMMUNICATION
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course includes the development of a technical vocabulary and the study of theoretical aspects of rhetoric, composition, and communication to include procedures and techniques for writing reports, proposals, and similar documents. It includes an examination of social media writings, their practice and application, and the ethics involved in these types of communication. Students may earn up to 20 service-learning hours.

ENG 337 LITERATURE AND MEDIA FOR ADOLESCENTS**credit 3 hrs.**

This course is a study of literature relevant to adolescents as it helps students continually evaluate the power of rhetoric through media. Drawing on the literature from developmental psychology to critical theories, this course examines case studies and issues related to adolescents in the context of popular culture and mass media's role in shaping adolescents' attitudes about culture and society.

ENG 435 TEACHING OF ENGLISH/PRACTICUM**credit 3 hrs.**

A comprehensive study of concepts, trends, and practices in teaching language and literature to secondary school students is provided in this course. Special emphasis is placed on testing and evaluation appropriate for the teaching of English. Students will write the Senior Paper demonstrating an in-depth, analytical treatment of a topic in the field, the application of research materials and styles, and a thorough grasp of language forms. Students are required to complete twenty (20) hours of practicum experiences.

ENG 435S SPECIAL TOPICS**credit 3 hrs.**

This special topic course will allow studies that are not listed in the regular course offering. The course will allow students to conduct in-depth exploration in a given topic. It may be repeated with departmental permission, provided the topic is different.

**ENG 437 TEACHING READING IN THE CONTENT AREAS/PRACTICUM
hrs.****credit 3**

The course provides instruction in the nature of the reading process, formal and informal testing, teaching reading skills, and selecting and evg materials. It includes discussion and demonstration of effective practices in teaching reading in the content areas. Students are required to complete twenty (20) hours of practicum experiences.

PROGRAM OF STUDY IN ENGLISH

FRESHMAN YEAR

First Semester

ENG 131	Analysis & Argumentation	3	SCH
MATH 132	General College Math I	3	
	Science Requirement	4	
HIST 130	Intro to Afr. American History	3	
	Elective	3	
HASS 111	The College Experience I	1	
Total		17	

Second Semester

ENG 132	Information, Literacy & Research	3	SCH
MATH 134	General College Math II	3	
	Global & Intercultural Learning	6	
	Health and Wellness	2	
	Elective	1	
HASS 112	The College Experience II	1	
Total		16	

SOPHOMORE YEAR

First Semester

ENG 237	Oral Communication	3	SCH
FR/SP/AR 233	Intermediate Foreign Language	3	
*ENG 239	Language, Literacy & Power	3	
	Elective (Social Sciences)	3	
	Elective	3	
HASS 221	Prof. Pathways Development	2	
Total		17	

Second Semester

FR/SP/AR 234	Intermediate Foreign Language	3	SCH
*ENG 236	Lit. in the African Diaspora	3	
*ENG 238	Adv Speech Communication	3	
	Elective (Social Sciences)	3	
	Elective	6	
Total		18	

JUNIOR YEAR

First Semester

*ENG 330	Critical Thinking in Literature	3	SCH
*ENG 331	Studies in Afr. Amer. Literature	3	
*ENG 335	History of English Language	3	
	Elective	6	
Total		15	

Second Semester

*ENG 332	Careers in English Practicum	3	SCH
*ENG 334	Modern Eng Grammar	3	
*ENG 336	English Literature	3	
*ENG 338	Contemporary Literature	3	
*ENG 339	Literacy Criticism	3	
	English Elective	3	
Total		18	

SENIOR YEAR

First Semester

*ENG 433	Studies in American Literature	3	SCH
*ENG 439A	Research Methods	3	
	Elective	9	
Total		15	

Second Semester

*ENG 436	Studies in English Literature	3	SCH
*ENG 439C	English Research Project	3	
*ENG 440	Professional Internship	3	
	Elective	3	
Total		12	

Total SCH 128
 SCH in Major* 48

*Major courses require a "C" or better.

FOREIGN LANGUAGES

Minor In Spanish**Required courses:**

- SP 234 ADVANCED SPANISH I
- SP 235 ADVANCED SPANISH II

Choose four of the following:

- SP 301 SPANISH CONVERSATION I
- SP 302 SPANISH CONVERSATION II
- SP 303 SPANISH CONVERSATION III
- SP 304 SPANISH FOR BUSINESS
- SP 305 HISPANIC AND LATINO CULTURE
- SP 306 SPANISH FOR JUDICIAL SYSTEM
- SP 307 SPANISH FOR HEALTH AND HUMAN SERVICES
- SP 308 READINGS IN SPANISH

Minor In Arabic**Required courses:**

- AR 234 ADVANCED ARABIC I
- AR 235 ADVANCED ARABIC II

Choose four of the following:

- AR 301 ARABIC CONVERSATION I
- AR 302 ARABIC CONVERSATION II
- AR 303 ARABIC FOR BUSINESS AND GOVERNMENT
- AR 304 ARABIC CULTURE
- AR 305 INTENSIVE ARABIC REVIEW
- AR 306 ARABIC BY DESIGN

FOREIGN LANGUAGE COURSES**AR 130 ELEMENTARY ARABIC****credit 3 hrs.**

This course is a prerequisite for Arabic 233 for students with minimal or no experience in the language. It is designed to introduce students to the alphabet and to basic grammar and vocabulary. Currently, a passing score of 60 on the Arabic Placement Test allows a student to exempt Arabic 130

AR 233 INTERMEDIATE ARABIC**credit 3 hrs.**

This course is a continuation of Arabic 130. The completion of this course satisfies the General Education Foreign Language Requirement. Emphasis is on practice in speaking, writing, and reading the language in order to develop proficiency. The requirement for enrolling in Arabic 233 is a passing grade in Arabic 130 or a passing score on the Arabic Placement Test. NOTE: A student who fails Arabic 130 cannot take the Arabic Placement Test to exempt Arabic 130.

AR 234 ADVANCED ARABIC I**credit 3 hrs.**

This course is a continuation of Arabic 233 with emphasis on an intensive review of grammar and vocabulary in speaking, writing, and reading the language at an advanced level. A score of 80 or higher on the Arabic Placement Test allows a student to enroll in Arabic 234 and meet the General Education Foreign Language Requirement without having to take Arabic 130 and Arabic 233.

AR 235 ADVANCED ARABIC II**credit 3 hrs.**

This course is a continuation of Arabic 234 Advanced Arabic I, with emphasis on reading, writing, and speaking the language at an advanced level. Prerequisite: AR 234.

AR 301 ARABIC CONVERSATION I**credit 3 hrs.**

This course will use the vocabulary from earlier courses to practice speaking about everyday routines and personal concerns and histories. Prerequisite: AR 235.

AR 302 ARABIC CONVERSATION II**credit 3 hrs.**

This course is a continuation of Arabic 301 Arabic Conversation I, with emphasis on reading, writing, and speaking the language at an advanced level. Prerequisite: AR 301.

AR 303 ARABIC FOR BUSINESS AND GOVERNMENT**credit 3 hrs.**

This course will focus on the practice of speaking to clients and others, in a relevant cultural context, about matters related to sales, banking, finance, and government related matters. Prerequisite: AR 302.

AR 304 ARABIC CULTURE**credit 3 hrs.**

In this course, textual and online sources and films will be used to explore the diversity, history, geography, customs, and traditions of Arabic-speaking countries. Prerequisite: AR 302.

AR 305 INTENSIVE ARABIC REVIEW**credit 3 hrs.**

This course is designed to encourage students to engage in a summer study abroad program offered through Benedict College. Student learning will actively take place in an Arabic speaking country where the student becomes immersed in the culture and lifestyle of the Arab world. Prerequisite: AR 302.

AR 306 ARABIC BY DESIGN**credit 3 hrs.**

This course offers students an opportunity to co-design an area of focused study using the Arabic language to advance their skills and knowledge in areas specific to their major-course study as well as career interests. (Recommended for Criminal Justice and Political Science majors, but open to all Arabic minors.) Prerequisite: AR 302.

FR 130 ELEMENTARY FRENCH**credit 3 hrs.**

This course is a prerequisite for French 233 and is required for students with minimal or no experience in the language. It is designed to introduce students to basic grammar and vocabulary. Currently, a passing score of 60 on the French Placement Test allows students to exempt French 130.

FR 233 INTERMEDIATE FRENCH**credit 3 hrs.**

This course is a continuation of French 130. The completion of this course satisfies the General Education Foreign Language Requirement. Emphasis is on practice in speaking, writing, and reading the language in order to develop proficiency. The requirement for enrolling in French 233 is a passing grade in French 130 or a passing score on the French Placement Test. NOTE: A student who fails French 130 cannot take the French Placement Test to exempt French 130.

FR 234 ADVANCED FRENCH**credit 3 hrs.**

This course is a continuation of French 233 with emphasis on an intensive review of grammar and vocabulary and practice in speaking, writing, and reading the language at an advanced level. A score of 80 or higher on the French Placement Test allows a student to enroll in French 234 and meet the General Education Foreign Language Requirement without having to take French 130 and French 233.

SP 130 ELEMENTARY SPANISH**credit 3 hrs.**

This course is a prerequisite for Spanish 233 and is required for students with minimal or no experience in the language. It is designed to introduce students to basic grammar and vocabulary. Currently, a passing score of 60 on the Spanish Placement Test allows students to exempt Spanish 130.

SP 233 INTERMEDIATE SPANISH**credit 3 hrs.**

This course is a continuation of Spanish 130. The completion of this course satisfies the General Education Foreign Language Requirement. Emphasis is on practice in speaking, writing, and reading the language in order to develop proficiency. The requirement for enrolling in Spanish 233 is a passing grade in Spanish 130 or a passing score on the Spanish Placement Test. (NOTE: A student who fails Spanish 130 cannot take the Spanish Placement Test to exempt Spanish 130.)

SP 234 ADVANCED SPANISH I**credit 3 hrs.**

This course is a continuation of Spanish 233 with emphasis on an intensive review of grammar and vocabulary in speaking, writing, and reading the language at an advanced level. A score of 80 or higher on the Spanish Placement Test allows a student to enroll in Spanish 234 and meet the

General Education Foreign Language Requirement without having to take Spanish 130 and 233.

SP 235 ADVANCED SPANISH II**credit 3 hrs.**

This course is a continuation of Spanish 234 (Advanced Spanish I) with emphasis on reading, writing and speaking the language at an advanced level. Prerequisite: SP 234.

SP 301 SPANISH CONVERSATION I**credit 3 hrs.**

This course will use vocabulary from earlier courses to practice speaking about everyday routines and personal concerns and histories. Prerequisite: SP 235.

SP 302 SPANISH CONVERSATION II**credit 3 hrs.**

This course is a continuation of Spanish Conversation I and will further build vocabulary with conversational practice. It will include discussions of textual materials and films. Prerequisite: SP 301.

SP 303 SPANISH FOR BUSINESS**credit 3 hrs.**

This course will build on vocabulary from earlier Spanish courses to practice speaking to clients and others, in relevant cultural contexts, about matters related to sales, banking, and other business and financial concerns. Prerequisite: SP 302.

SP 304 HISPANIC AND LATINO CULTURE**credit 3 hrs.**

In this course, textual and online sources and films will be used to explore the diversity, history, geography, customs, and traditions of Spanish-speaking countries. Prerequisite: SP 302.

SP 305 SPANISH FOR THE JUDICIAL SYSTEM**credit 3 hrs.**

This course will build on vocabulary from earlier Spanish courses to practice discussing matters related to the judicial system and cyber security. It will include familiarization with legal terms and non-standard "street" Spanish. Prerequisite: SP 302.

SP 306 SPANISH FOR HEALTH AND HUMAN SERVICES**credit 3 hrs.**

This course will build on vocabulary from earlier Spanish courses to practice discussing matters related to health and human services. It will include familiarization with terminology used in those areas. Prerequisite: SP 302.

SP 307 READINGS IN SPANISH**credit 3 hrs.**

This course will be a survey of literature and non-literary texts in Spanish. It will enhance vocabulary development and proficiency in the language. Prerequisite: SP 302.

Mass Communication Mission

The program prepares the Mass Communication majors for the future of mass media and mass communications by exposing them to a variety of relevant theoretical knowledge, practical experiences and networking opportunities on campus and beyond. Through instruction, practice, project-based work, service learning, participation in student media and internships, we prepare our students to be competitive professionals and leaders in analytics-driven, audience-focused convergent media.

DSLR Camera Requirement

As future high-tech media professionals, students will invest in high-tech personal equipment that they will utilize. This equipment is a requirement for production courses in the Mass Communication Program of Study. Specifically, after consultation with a Mass Comm faculty member, students will purchase a DSLR camera with interchangeable lenses and video capability. Students will use the DSLR camera in the course, MASS 330, and in subsequent courses in which MASS 330 is a prerequisite.

Minor in Mass Communication

The minor in Mass Communication is designed to provide a foundation in the history, ethics, business models and social roles of modern media, acquaint the students with news, organizational and social media applications as well as digital storytelling. It consists of the following five Mass Communication courses.

1. MASS 233 Writing for New Media (emphasis on creating content, rather than reporting);
2. MASS 330 Photography (emphasis on the principles of photography,
3. MASS 337 Data Driven Journalism (emphasis on telling impactful stories through quantitative data
4. MASS 130 Introduction to History of Mass Media (modern media systems, their history, ethics, social roles and business models);
5. MASS 235 Introduction to Public Relations (emphasis on organizational communication principles and applications).

Service-Learning

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

MASS COMMUNICATION COURSES

HASS 111, 112, and 221 SEMINARS

credit 4 hrs.

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

MASS 130 INTRODUCTION AND HISTORY OF MASS MEDIA

credit 3 hrs.

This course introduces students to the history and the present state of mass communication as social and cultural activity and mass media as an industry. The structure, economics and cultural impact of various traditional and emergent mass media are explored. Students will gain a basic understanding of how the print, broadcast, electronic and photographic media function as well as their history and present challenges. In addition, students will be introduced to public relations and advertising as media industries. The course explores practical considerations in choosing and establishing a career in the media.

MASS 131 FUNDAMENTALS OF DIGITAL LITERACY

credit 3 hrs.

The course introduces the student to the fundamentals of digital information creation, formatting, storage, curation, conversion, distribution, processing and presentation. It applies these fundamentals to the areas of research, story development, media production, management communication and decision support in a group collaborative environment. Open to non-majors.

MASS 230 PHOTOGRAPHY FOR WEB AND SOCIAL MEDIA

credit 3 hrs.

Most people, businesses and brands today depend on web and social media that are visual in nature. In this course students learn and articulate the techniques necessary to effectively use images for web and social media. Open to non-majors.

MASS 233 WRITING FOR MASS MEDIA**credit 3 hrs.**

In this course, students become acquainted with news, reporting and writing. Students acquire hands on, practical experience writing articles using a variety of writing styles which emphasize the rudiments of basic research and news writing. Students will have opportunities to develop story ideas and sharpening their reporting techniques. They will also learn copy editing techniques and will be able to edit their own work as well as the work of their fellow students. Prerequisite: MASS 130. **434**

MASS 234 REPORTING FOR NEW MEDIA**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

As traditional media move to the Internet, the way journalists work has begun to change. This class will look at how the Internet is changing journalism. Students will study how to merge their writing and interviewing skills, collecting reliable information quickly, and understanding legal considerations - such as the state of copyright and First Amendment Law and the ethics of journalists. Prerequisite: MASS 233.

MASS 235 INTRODUCTION TO PUBLIC RELATIONS**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

Students will be introduced to the history of public relations and its structure and function in the contemporary society. They will study the meaning of public relations, publics, stakeholders, campaigns, research and feedback. An emphasis will be given to case studies of public relations campaigns. Students will explore public relations as an industry and a critical business area. Prerequisite: MASS 233.

MASS 330 PROFESSIONAL PHOTOGRAPHY FOR LEGACY AND EMERGING MEDIA**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is a basic digital photography class. Students will be instructed in basic camera operation, exposure, management of digital files, photographic production and ethics. The class will be taught in digital format and the use of a DSLR camera is required. Prerequisite: MASS 230

MASS 331 INTRODUCTION TO VIDEO PRODUCTION**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course examines all aspects of video studio production, including planning, lighting, audio and video techniques. This course will stress research, script writing, interpretation and standard video recording and editing techniques. Prerequisites: MASS 335; MASS 330; MASS 235

MASS 332 MEDIA PRACTICUM**credit 3 hrs.**

This course permits the student to work in the professional media community. The student is required to work a minimum of three (3) hours per week for each credit hour given. Prerequisite: MASS 330,

MASS 334 FEATURE/EDITORIAL WRITING**(DESIGNATED SERVICE-LEARNING COURSE)****(credit 3 hrs.)**

This course will investigate the techniques of feature and editorial writing by examining various feature length and editorial articles. The goal is to broaden and strengthen the writing talents of each student, enabling him or her to be published in a professional publication or company. Prerequisites: MASS 235.

MASS 335 AUDIO RECORDING TECHNIQUES**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

Students will be introduced to the theory of sound and hearing, to explore how the use of sound impacts media and society. Students will gain an understanding of the historic and current practices used in audio production for film, TV and radio. Prerequisite: MASS 234.

MASS 336 PUBLIC RELATIONS CAMPAIGN**credit 3 hrs.**

Workshops, guest speakers, and in-class exercises equip students to research, design, implement, and complete a public relations campaign for a community-based organization. Students develop an analysis of a PR case study and design and present a public relations proposal. Prerequisites: (MASS 235, MASS 330)

MASS 337 DATA DRIVEN JOURNALISM**credit 3 hrs.**

This course introduces students to the developments that are shaping the mass communication and organizational communication in this century: Big Data, data visualization and transmedia story

telling. Understand and be able to discuss the basics concepts of data journalism, Big Data, data analysis, data presentation and transmedia story telling. The students are introduced to the effects of rich and affordable analytics on organizational, market and business decisions as well as media business models, production and consumption. Open to non-majors.

MASS 338 LAYOUT FOR PUBLICATIONS

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This course teaches the basics of publication and layout. The student will become familiar with all aspects of publication including design and layout. Formats include brochures, pamphlets, newsletters, newspapers, magazines, and other printed materials. (Prerequisite: MASS 330, MASS 334).

MASS 431 DIGITAL IMAGING TECHNOLOGY

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This is an advanced photography course. The format, digital imaging, is taught using digital cameras, both still and video, digitizing equipment, and photographic editing software. Permission of Instructor required. Prerequisite: MASS 330.

MASS 434M PRODUCTION BROADCAST

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

The course will focus on the fundamentals of script writing, storyboarding, shooting, and nonlinear editing. Technical and creative approaches will be covered. The class will consist of lectures, lessons, in-class exercises, and a series of projects. Prerequisites: MASS 331; MASS 334.

MASS 436 RESEARCH METHODS IN MASS COMMUNICATION

credit 3 hrs.

In this course students acquire a basic understanding of the research process from conception to conclusion, according to established industry practices. Students will be introduced to the issues of planning, managing and presenting research. The course prepares students for their work on the Senior Thesis/Project. Prerequisite: MASS 331, MASS 337.

MASS 437 MEDIA LAW AND ETHICS

credit 3 hrs.

This course examines fundamental issues of the freedom of speech, libel, privacy, fairness, professional ethics and governmental control of the mass media. An additional focus is given on professional and ethical standards that go beyond legal requirements. The course is based on case studies and prepares students for the ethical and legal considerations pertinent to our profession. Prerequisite: MASS 334.

MASS 438 FREELANCE MARKETING WITH A CAMERA

credit 3 hrs

Students acquire the skills to effectively support influencer marketing campaigns and brand communication through photographic approaches as freelance photographers. The course takes an entrepreneurial perspective and is focused on freelancer portfolio, resume, personal promotion, in addition to effective visual brand communication techniques. Prerequisite: MASS 330

MASS 439 SENIOR THESIS / PROJECT

credit 3 hrs.

This course has a practical focus and is built around individual student research. It is designed to help students formulate and set realistic research goals and execute their individual research projects culminating in a Senior Thesis or Senior Project. Students will be guided through research question formulation, literature review, method development, data collection, analysis and presentation of the results. Prerequisite: MASS 436.

MASS 440 INTERNSHIP

credit 3 hrs.

Internship is the final course which offers practical professional experiences. The course is under the supervision of a mass communication instructor from the College. Prerequisite: MASS 332.

MASS COMMUNICATION ELECTIVES

MASS 210 SOPHOMORE SUMMER FIELD EXPERIENCE 1

credit 1 hr.

This course creates an opportunity for students to shadow a media professional on — or off-campus and learn valuable industry skills, protocols and behaviors in a work setting. Open to non-majors. Requires a minimum of 30 hours to pass. Prerequisite: MASS 131.

MASS 211 SOPHOMORE SUMMER FIELD EXPERIENCE 2

credit 1 hr.

A continuation of Sophomore Summer Experience 1. This course creates an opportunity for

students to shadow a media professional on or off-campus and learn valuable industry skills, protocols and behaviors in a work setting. Open to non-majors. Requires a minimum of 30 hours to pass. Prerequisite: MASS 131.

MASS 231 SURVEY OF COMMUNICATION THEORIES

credit 3 hrs.

Students are introduced to a broad spectrum of communication theories, including media, group interaction, organizational communication, as well as cultural and cultural-critical approaches, systems of rhetorical criticism, textual analysis and argumentation/persuasion. The course emphasizes the relationship between society, media, culture and politics as reflected in the body of theoretical work. Prerequisite: MASS 130.

MASS 310 JUNIOR SUMMER FIELD EXPERIENCE 1

credit 1 hr.

A continuation of Junior Summer Experience 1 This course creates an opportunity for students to shadow a media professional on or off-campus and learn valuable industry skills, protocols and behaviors in a work setting. Open to non-majors. Requires a minimum of 30 hours to pass. Prerequisite: MASS 235

MASS 311 JUNIOR SUMMER FIELD EXPERIENCE 2

credit 1 hr.

This course creates an opportunity for students to shadow a media professional on or off-campus and learn valuable industry skills, protocols and behaviors in a work setting. Open to non-majors. Requires a minimum of 30 hours to pass. Prerequisite: MASS 235.

MASS 339 PHOTOJOURNALISM

credit 3 hrs.

Combines the skills learned in basic photography and media writing classes. The course emphasizes the intermediate level elements of mass media photography techniques, including print and digital journalism, advertising, public relations, and television. The emphasis is on the photojournalistic value of truth-telling rather than creating a fantasy or illusion. The student learns how to apply creative storytelling techniques to photography. Students will compose, shoot, and edit using digital still cameras and associated computer software. Prerequisites: MASS 330, MASS 234.

MASS 340 DATA VISUALIZATION

credit 3 hrs.

This course prepares students to conceive, plan, execute and present a data journalism story based on quantitative data and using industry standard platforms for data analysis and presentation. Prerequisite: MASS 339.

MASS 420 PROFESSIONAL SEMINAR

credit 2 hrs.

Students are given an opportunity to participate in projects, collaborations and initiatives in a media professional capacity. The course is focused on current issues emergent in the Mass Communication field and current events locally and globally. Prerequisites: MASS 130.

MASS 430 CRITICAL THINKING AND MEASUREMENT IN MASS COMM

credit 3 hrs.

The course covers applications of positivist, interpretivist and cultural-critical philosophies, concepts and theories of mass communication to the design of media and communication measurement as well as evaluation. The course gives students a hands-on sense of how to approach media systems, organizations, audiences, processes effects and biases in an empirical, systematic and transparent way required for being a valuable employee and a productive citizen. Prerequisite: MASS 231.

MASS 432 ADVANCED PUBLIC RELATIONS

credit 3 hrs.

Practice in media relations; the development of professional writing skills with emphasis on social media campaigns, external and internal communications: media kits, press releases, public service announcements, publication design, employee communications, speech writing, audiovisual presentations, and news conferences. Prerequisite: MASS 235

PROGRAM OF STUDY IN MASS COMMUNICATION

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
	Science Requirement	4	EC 130	Introduction to Economics	3
HIST 130	Intro to Afr. American History	3	THE 120	Voice and Diction	2
MASS 130	Intro to Mass Media/Hist	3	MASS 131	Fund. of Digital Literacy	3
HASS 111	The College Experience I	1		Elective	3
			HASS 112	The College Experience II	1
Total		17	Total		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	ENG 231	Literature as Life	3
FR/SP/AR 130	Foreign Language/Elective	3	FR/SP/AR 233	Intermediate Foreign Language	3
MASS 230	Photo for Web and Soc Media	3	HE 230	Health Education	3
MASS 233	Writing for Mass Media	3	*MASS 234	Reporting for New Media	3
	Elective	3	MASS 235	Intro to Public Relations	3
HASS 221	Prof. Pathw ays Development	2			
Total		17	Total		15

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*MASS 330	Photography	3	*MASS 331	Intro to Video	3
MASS 334	Feature/Editorial Writing	3	*MASS 332	Media Practicum	3
*MASS 335	Audio Recording Techniques	3	MASS 336	Public Relations Campaign	3
MASS 337	Data Driven Journalism	3	MASS 338	Layout for Publications	3
	Elective	3		Elective	3
Total		15	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*MASS 431	Digital Imaging Technology	3	*MASS 440	Internship	3
MASS 434M	Production Print Media I or Production Broadcast I	3	MASS 448	Freelance Marketing with a Camera	3
*MASS 436	Research Methods	3	*MASS 439	Senior Thesis/Project	3
*MASS 437	Media Law and Ethics	3		Elective	3
	Elective	3		Elective	4
Total		15	Total		16

Total SCH 128
 SCH in Major* 30

*Major courses require a "C" or better.

STUDIO ART

Mission Statement of the Studio Art Program

The role of the Studio Art Program is to provide a basis of support for the Benedict College Liberal Arts curriculum by offering a broad base of study in concepts and principles, historical perspectives, techniques and processes, understanding, and appreciation of the creation process. The mission of the Art Area makes a unique contribution to the broader mission of the College and academic community by addressing both the intellectual and aesthetic needs of its students, community, and state.

The Studio Art Program aims to provide students with broad educational experiences that will prepare them for career fields in art. Students selecting the Program of Study in Studio Art will be prepared for careers in fine arts and visual communication. Students in the Studio Art Program will acquire knowledge and skills necessary for entrance into graduate school. Students may select from four minors that are embedded in the Studio Art Program: 1) Applied Computing with a Mass Communication Track, 2) Education, 3) Marketing, or 4) Psychology. These minors support career pathway initiatives to strengthen institutional career placement outcomes. Under the guidance of an academic advisor, a student may also select a minor within the College's offerings that will provide a different career pathway based on a student's particular interest.

Benedict College is an accredited institutional member of the National Association of Schools of Art and Design (NASAD).

Required Activities

Studio Art majors are required to present a Capstone Exhibition accompanied by a Supporting Document.

Service-Learning

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Minor in Studio Art

Students may choose to obtain a minor in art that helps to advance and integrate art/design knowledge and skills in a variety of areas. The art minor is especially appropriate for students with substantial interest in art, but who intend to pursue careers in other fields. Students may obtain a minor in art by satisfactorily completing the following 15 hours in art courses.

ART 131 – FOUNDATIONS: 2D EMPHASIS	(3 credits)
ART 132 – FOUNDATIONS: 3D EMPHASIS	(3 credits)
ART 133 – FOUNDATIONS: DIGITAL EMPHASIS	(3 credits)
ART 130 – FOUNDATIONS: ART APPRECIATION	(3 credits)
ART 138 – ART HISTORY SURVEY I	(3 credits) OR
ART 139 – ART HISTORY SURVEY II	(3 credits)

Total SCH in Minor – 15 credits

In studio courses, one hour of credit represents three hours of studio time each week of the semester. Studio classes led by an instructor meet for a minimum of 2 hours per week for each credit granted.

Studio Art Fees are included in the tuition bill. These fees are assessed per course, per semester, and are used by the program to provide classroom materials, equipment and software licenses as well as to support academic instruction.

AS 111, 112, and 221 SEMINARS

credit 4 hrs.

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

ART 130 FOUNDATIONS: ART APPRECIATION

credit 3 hrs.

This course is an overview of the visual arts and its relationship to the visual culture that surrounds us. Students will be introduced to the visual elements, design principles, material processes, and the

interconnections between art-making and cultural context. Students will develop abilities to carefully observe, analyze and interpret works of art as transmitters of cultural, humanistic and aesthetic values of global civilization from past to present.

ART 131 FOUNDATIONS: 2D EMPHASIS**credit 3 hrs.**

This course offers an introduction to the nonverbal language of art and design. The vocabulary, tools, techniques and methods of visual design on the flat plane are explored through a series of lectures, experimental exercises and applied problems.

ART 132 FOUNDATIONS: 3D EMPHASIS**credit 3 hrs.**

This course is a continuation of ART 131. Volume, space organization, structure, texture, mass and tension are explored through a series of short projects using simple construction materials and techniques. Equipment use and safety instruction are included.

ART 133 FOUNDATIONS: DIGITAL EXPERIENCE**credit 3 hrs.**

This course offers a survey of computer design applications in a technology workshop format. Students will learn computer basics, file management, file formats, hardware and software use, raster graphics and digital imaging, vector graphics and illustration, along with page layout. Design skills, design process, personal expression, and content development will be emphasized along with the learning of tools and techniques.

ART 134 FOUNDATIONS: DRAWING EXPERIENCE**credit 3 hrs.**

This course offers a comprehensive introduction to the techniques, tools, and vocabulary associated with drawing as a medium. Students develop fundamental drawing skills, including the ability to perceive and express visual relationships, organize a two-dimensional composition, and depict and manipulate basic elements of drawing, working from direct observation of still life, interior space, and landscape. Prerequisite: ART 131 or consent of the instructor.

ART 138 ART HISTORY SURVEY I**credit 3 hrs.**

This course is part one of a two-part lecture course paired with ART 139. It is designed to be an historical survey of significant pan-cultural world art development. This portion begins with Paleolithic art and covers developments up to the beginning of the Renaissance in Europe. A research paper is required.

ART 239 ART HISTORY SURVEY II**credit 3 hrs.**

This course is part two of a two-part lecture course paired with ART 138. It is designed to be an historical survey of significant pan-cultural world art development. This portion begins with the Renaissance in Europe and covers developments up to the present. A research paper is required.

ART 230 SCULPTURAL MEDIA/PROCESSES**credit 3 hrs.**

This course provides an introduction to the materials, processes, and issues pertaining to the making of three-dimensional objects. The use of varied materials (clay, plaster, found objects, cloth, etc.) is explored along with the formal and conceptual principals that form the basis of contemporary sculpture. Prerequisite: ART 132 or consent of the instructor.

ART 231 OBSERVATIONAL DRAWING**credit 3 hrs.**

This course focuses on developing an understanding of the structure of object and figure through freehand drawing. Offers students an opportunity to explore a wide range of materials, including wash, charcoal, and pencil. Prerequisite: ART 134 or consent of the instructor.

ART 232 CONCEPTUAL DRAWING**credit 3 hrs.**

This course seeks to expand the student's knowledge and skills through a mark-making process. Offers students an opportunity to begin to understand the relationship between form and meaning while relating the drawing process to broader concepts of communication. Prerequisite: ART 231 or consent of the instructor.

ART 233 DIGITAL DESIGN**credit 3 hrs.**

This course offers intermediate study of digital design solutions that reinforce the elements and principles of design. Prerequisite: ART 133 or consent of the instructor.

**ART 236 VISUAL COMMUNICATION
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course focuses on the design process to solve graphic design problems in a variety of formats. Prerequisites: ART 131, ART 132, and ART 133, or consent of instructor.

**ART 331 ILLUSTRATION TECHNIQUES AND MEDIA
(Designated SERVICE-LEARNING Course)****credit 3 hrs.**

This course provides an introduction to the materials and techniques used in the field of illustration, with emphasis on the skills learned in ART 231 and ART 232. The development of resource material is also covered. Prerequisite: ART 232.

ART 335 PAINTING I**credit 3 hrs.**

This course provides an introduction to materials and techniques used in painting with emphasis on seeing and understanding color, preparation of surfaces and the chemistry of painting. Prerequisite: ART 232.

ART 336 PAINTING II**credit 3 hrs.**

This course provides a further exploration of the concepts and technical skills developed in ART 335 with emphasis on individual creative expression. Prerequisite: Art 335.

ART 338 AFRICAN AMERICAN ART HISTORY**credit 3 hrs.**

This course provides an exploration into the history of African American visual art and artists from colonial times to the present. Prerequisite: ART 130, ART 138, ART 239

ART 417 CAPSTONE PROJECT I**credit 1 hr.**

This course is part one of the Senior Project requirement, in which students will develop a proposal defining what their capstone exhibition will be, and complete half of the work for their show.

ART 418 CAPSTONE PROJECT II**credit 1 hr.**

This course will complete the Senior Project requirement, in which students will create a cohesive body of work based on the proposal developed in ART 417. Students will submit a documentation of the Senior Project, following specifications provided. Students will display their show and engage in a senior project review conducted by the Art faculty.

ART 431 FIGURE DRAWING AND ANATOMY**credit 3 hrs.**

This course provides an introduction to drawing the human figure and the study of human anatomy with emphasis on development of strong drawing skills including gesture, value, line, and proportion. Prerequisite: ART 336.

ART 432 FIGURE PAINTING**credit 3 hrs.**

This course provides a study of the human form using the advanced painting techniques learned in ART 336. Prerequisite: ART 431.

**ART 433 DIGITAL ILLUSTRATION
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

In this course, instruction covers solving illustration problems on the computer, and turning out professional digital work. Prerequisite: ART 331.

ART 434 BUSINESS OF ART**credit 3 hr.**

This course focuses on the development of a professional portfolio. This course also covers preparation of an artist's résumé, professional standards and practices, basic business procedures, legal issues, and self-promotion. Prerequisite: graduating seniors.

ART 439 AESTHETICS AND CRITICISM IN THE VISUAL ARTS**credit 3 hrs.**

This writing-intensive course is a study of aesthetics in the visual arts. Through a series of lectures, discussions, research papers, and critical reviews, students will learn about various historical aspects and schools of thought relating to artistic merit, art criticism, and contemporary aesthetic theory. Prerequisites: ART 138, ART 239.



STUDIO ART ELECTIVES

ART 235 ARTS AND CRAFTS

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This hands-on course will include studio projects in a wide range of 2D and 3D media. Open to the non-art major.

ART 324 HISTORY OF DESIGN

credit 3 hrs.

This course allows students to investigate different aspects of design and visuality through a chronological overview of the process of design as related to production, consumption and utility within cultures. The design process is intricately linked to perceptions of visuality, how things appear to us, and how we assess the relationship between design and utility. Concepts of gender, spatial control, ethics, race, status and class will be related to the history of design and how that is impacted through theoretical, historical, and social processes.

ART 327 VISUAL NARRATIVE

credit 2 hrs.

Through historical perspectives and assignments, students explore the visual narrative art genre. Issues of content, plot, character development, sequential narrative, and design are addressed. Techniques for creating compelling storyboards for a variety of outlets are also covered.

ART 329 MURAL ART

(DESIGNATED SERVICE-LEARNING COURSE)

credit 2 hrs.

This course offers an introduction to the techniques of mural painting, with applications of ancient and contemporary mural themes. The course focuses on technical approaches in a collectively designed project for the college or greater community. Open to the non-art major.

ART 332 TYPOGRAPHY

credit 3 hrs.

In this course, students gain a familiarity with typographic terms and technologies, an understanding of classical and contemporary typographic forms, an ability to construct typographic compositions, **Benedict College Catalogue 2020-2022**

and an appreciation of typography as an expressive medium that conveys aesthetic, emotional and intellectual meaning. Prerequisite: ART 236

ART 333 DIGITAL MANIPULATION

credit 3 hrs.

In this introduction to raster-based digital image manipulation, students will explore digital image manipulation as well as become acquainted with the concepts, hardware, and software, related to: digital image acquisition, image editing and manipulation, color management basics, retouching and scanning/output. Prerequisite: ART 233 or consent of the instructor.

ART 334 CERAMICS I

credit 3 hrs.

(DESIGNATED SERVICE-LEARNING COURSE)

This studio course is designed to introduce students to the fundamental tools, methods, and techniques used in the production of hand-built ceramic objects. These methods will include pinch, coil, slab, simple molding, and basic firing and glazing techniques. Instruction will be given through lectures, demonstrations, and hands-on studio projects. Prerequisites: ART131, ART 132, or consent of instructor.

ART 430 PRINTMAKING I

credit 3 hrs.

Introduction to printmaking. Study of traditional and contemporary techniques, including, but not limited to monotype and relief. Problems in pictorial composition will be emphasized along with understanding of technique. Appreciation and sensitivity to the art of the print will be cultivated. Prerequisite: ART 232, or consent of instructor.

ART 435 SPECIAL TOPICS: ART

credit 3 hrs.

This course serves as an upper level art elective, offering advance study in art for senior art majors only.

ART 436 VISUAL COMMUNICATION II

credit 3 hrs.

This course is a continuation of ART 236, offering advanced study of visual communication principles and their applications to more complex and comprehensive design solutions. Prerequisite: ART 236.

ART 437 ILLUSTRATION II

credit 3 hrs.

This course is a continuation of ART 331. It offers an advanced examination of illustration concepts and their applications; students broaden their understanding of illustration as visual language in projects that involve research and analysis, focusing on image making, aesthetics, message, audience, and intent with refined use of media and technique. Prerequisite: ART 331 or consent of the instructor.

ART 438 SPECIAL TOPICS: ART HISTORY

credit 3 hrs.

The course serves as an upper level art elective, offering advance study in art history for senior art majors only.



Bachelor of Arts Degree in Studio Art with a Minor in Applied Computing: Mass Communication Track**Freshman Year****First Semester**

HASS 111	College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
ART 131	Foundations: 2D Emphasis	3
ART 133	Foundations: Digital Experience	3
ART 130	Foundations: Art Appreciation	3
		16

Second Semester

HASS 112	College Experience II	1
ENG 132	Info Literacy/Research	3
MATH 134	Gen College Math II	3
ART 132	Foundations: 3D Emphasis	3
ART 134	Foundations: Drawing Experience	3
ART 138	Art History Survey I	3
		16

Sophomore Year**First Semester**

Science Requirement		4
ART 239	Art History Survey II	3
#CSC 131	Introduction to Computers	3
HASS 221	Prof. Pathways Development	2
•ART 231	Observational Drawing	3
•ART 233	Digital Design	3
		18

Second Semester

MUS/THE 230	Music or Theatre Appreciation	3
#CSC 239	Intro to Multimedia Computing	3
FS/SP 233	Foreign Language Requirement	3
•ART 230	Sculptural Media/Processes	3
•ART 232	Conceptual Drawing	3
•ART 236	Visual Communication I	3
		18

Junior Year**First Semester**

HIST 130	African American History	3
•ART 335	Painting I	3
•ART 331	Illustration I	3
PHIL 233	Ethics & Moral Reasoning	3
#MASS 233	Writing for New Media	3
		15

Second Semester

ART 338	African American Art History	3
•ART 336	Painting II	3
•ART 330	Digital Illustration	3
#MASS 330	Photography	3
ENG 237	Oral Communication	3
		15

Senior Year**First Semester**

•ART 431	Figure Drawing & Anatomy	3
#MASS 339	Data Driven Journalism	3
##CSC ____	<i>Choose one from the list below</i>	3
ART 439	Aesthetics & Criticism	3
•ART 417	Capstone Project I	1
Elective		3
		16

Second Semester

•ART 432	Figure Painting	3
ART 434	Business of Art	3
Health & Wellness	Requirement	2
ART 440I	Internship	3
•ART 418	Capstone Project II	1
ART Elective		2
		14

Total SCH – 128

• Major Courses – 35hrs

Courses with an ART prefix requires a grade of “C” or better

Minor Courses

(Choose one)

CSC 236 Business Programming,
 CSC 335 File Organization/Processing
 CSC 434 Database Management

Bachelor of Arts Degree in Studio Art with a Minor in Education**Freshman Year****First Semester**

HASS 111	College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
ART 131	Foundations: 2D Emphasis	3
ART 133	Foundations: Digital Experience	3
ART138	Foundations: Art Appreciation	3
		16

Second Semester

HASS 112	College Experience II	1
ENG 132	Info Literacy/Research	3
MATH 134	Gen College Math II	3
ART 132	Foundations: 3D Emphasis	3
ART 134	Foundations: Drawing Experience	3
ART 139	Art History Survey I	3
		16

Sophomore Year**First Semester**

Science Requirement		4
ART 239	Art History Survey II	3
#ED 130 Hist/Phil	Foundations of Education	3
HASS 221	Prof. Pathways Development	2
•ART 231	Observational Drawing	3
•ART 233	Digital Design	3
		18

Second Semester

MUS/THE 230	Music or Theatre Appreciation	3
#EDU 230	Human Growth & Development	3
•ART 236	Visual Communication I	3
•ART 230	Sculptural Media/Processes	3
•ART 232	Conceptual Drawing	3
		15

Junior Year**First Semester**

HIST 130	African American History	3
•ART 335	Painting I	3
•ART 331	Illustration I	3
PHIL 233	Ethics & Moral Reasoning	3
ENG 237	Oral Communication	3
		15

Second Semester

ART 338	African American Art History	3
•ART 336	Painting II	3
•ART 330	Digital Illustration	3
#EDSE 330	Exceptional Child	3
FS/SP 233	Foreign Language Requirement	3
ART Elective		2
		17

Senior Year**First Semester**

•ART 431	Figure Drawing & Anatomy	3
Health & Wellness Requirement		2
#EDU 332	Educational Psychology	3
ART 439	Aesthetics & Criticism	3
•ART 417	Capstone Project I	1
ART Elective		3
		15

Second Semester

•ART 432	Figure Painting	3
ART 434	Business of Art	3
#EDU 337	Diversity, Social Justice & 21 st Cent	3
ART 440	Internship	3
•ART 418	Capstone Project II	1
Elective		3
		16

Total SCH – 128

• Major Courses – 35hrs

Courses with an ART prefix requires a grade of "C" or better

Minor Courses

Bachelor of Arts Degree in Studio Art with a Minor in Marketing

Freshman Year

First Semester

HASS 111	College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
ART 131	Foundations: 2D Emphasis	3
ART 133	Foundations: Digital Experience	3
ART 138	Foundations: Art Appreciation	3
		16

Second Semester

HASS 112	College Experience II	1
ENG 132	Info Literacy/Research	3
MATH 134	Gen College Math II	3
ART 132	Foundations: 3D Emphasis	3
ART 134	Foundations: Drawing Experience	3
ART 139	Art History Survey I	3
		16

Sophomore Year

First Semester

Science Requirement		4
ART 239	Art History Survey II	3
#BA 130	Introduction to Business	3
HASS 221	Prof. Pathways Development	2
•ART 231	Observational Drawing	3
•ART 233	Digital Design	3
		18

Second Semester

MUS/THE 230	Music or Theatre Appreciation	3
•ART 236	Visual Communication I	3
#MKT 330	Principles of Marketing	3
•ART 230	Sculptural Media/Processes	3
•ART 232	Conceptual Drawing	3
		15

Junior Year

First Semester

#MKT 337	Consumer Behavior	3
•ART 335	Painting I	3
•ART 331	Illustration I	3
PHIL 233	Ethics & Moral Reasoning	3
ENG 237	Oral Communication	3
		15

Second Semester

ART 338	African American Art History	3
•ART 336	Painting II	3
•ART 330	Digital Illustration	3
HIST 130	African American History	3
FS/SP 233	Foreign Language Requirement	3
ART Elective		2
		17

Senior Year

First Semester

•ART 431	Figure Drawing & Anatomy	3
Health & Wellness Requirement		2
#MKT 437	Marketing Management	3
ART 439	Aesthetics & Criticism	3
•ART 417	Capstone Project I	1
ART Elective		3
		15

Second Semester

•ART 432	Figure Painting	3
ART 434	Business of Art	3
#MKT 432	Marketing Research	3
ART 440	Internship	3
•ART 418	Capstone Project II	1
Elective		3
		16

Total SCH – 128

• Major Courses – 35hrs

Courses with an ART prefix requires a grade of "C" or better

Minor Courses

Bachelor of Arts Degree in Studio Art with a Minor in Psychology

Freshman Year

First Semester

HASS 111	College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
•ART 131	Foundations: 2D Emphasis	3
•ART 133	Foundations: Digital Experience	3
•ART138	Foundations: Art Appreciation	3
		16

Second Semester

HASS 112	College Experience II	1
ENG 132	Info Literacy/Research	3
MATH 134	Gen College Math II	3
•ART 132	Foundations: 3D Emphasis	3
•ART 134	Foundations: Drawing Experience	3
•ART 139	Art History Survey I	3
		16

Sophomore Year

First Semester

Science Requirement		4
•ART 239	Art History Survey II	3
#PSY 230	Introduction to Psychology	3
HASS 221	Prof. Pathways Development	2
•ART 231	Observational Drawing	3
		15

Second Semester

MUS/THE 230	Music or Theatre Appreciation	3
#PSY 330	Human Growth & Development	3
•ART 230	Sculptural Media/Processes	3
•ART 232	Conceptual Drawing	3
•ART 233	Digital Design	3
•ART 236	Visual Communication I	3
		18

Junior Year

First Semester

#PSY 331	Social Psychology	3
•ART 335	Painting I	3
•ART 331	Illustration I	3
PHIL 233	Ethics & Moral Reasoning	3
ENG 237	Oral Communication	3
ART Elective		2
		17

Second Semester

•ART 338	African American Art History	3
•ART 336	Painting II	3
•ART 330	Digital Illustration	3
HIST 130	African American History	3
FS/SP 233	Foreign Language Requirement	3
		15

Senior Year

First Semester

•ART 431	Figure Drawing & Anatomy	3
Health & Wellness Requirement		2
#PSY 431	Abnormal Psychology	3
ART 439	Aesthetics & Criticism	3
•ART 417	Capstone Project I	1
ART Elective		3
		15

Second Semester

•ART 432	Figure Painting	3
ART 434	Business of Art	3
#PSY 432	Cognitive Psychology	3
ART 440	Internship	3
•ART 418	Capstone Project II	1
Elective		3
		16

Total SCH – 128

• Major Courses – 35hrs

Courses with an ART prefix requires a grade of "C" or better

Minor Courses

Bachelor of Arts Degree in Studio Art with an Open Minor**Freshman Year****First Semester**

HASS 111	College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
•ART 131	Foundations: 2D Emphasis	3
•ART 133	Foundations: Digital Experience	3
•ART138	Foundations: Art Appreciation	3
		<u>16</u>

Second Semester

HASS 112	College Experience II	1
ENG 132	Info Literacy/Research	3
MATH 134	Gen College Math II	3
•ART 132	Foundations: 3D Emphasis	3
•ART 134	Foundations: Drawing Experience	3
*ART 139	Art History Survey I	3
		<u>16</u>

Sophomore Year**First Semester**

Science Requirement		4
•ART 239	Art History Survey II	3
#Minor Course 1		3
HASS 221	Prof. Pathways Development	2
•ART 231	Observational Drawing	3
		<u>15</u>

Second Semester

MUS/THE 230	Music or Theatre Appreciation	3
#Minor Course 2		3
•ART 230	Sculptural Media/Processes	3
•ART 232	Conceptual Drawing	3
•ART 233	Digital Design	3
•ART 236	Visual Communication I	3
		<u>18</u>

Junior Year**First Semester**

#Minor Course 3		3
•ART 335	Painting I	3
•ART 331	Illustration I	3
PHIL 233	Ethics & Moral Reasoning	3
ENG 237	Oral Communication	3
ART Elective		2
		<u>17</u>

Second Semester

ART 338	African American Art History	3
•ART 336	Painting II	3
•ART 330	Digital Illustration	3
HIST 130	African American History	3
FS/SP 233	Foreign Language Requirement	3
		<u>15</u>

Senior Year**First Semester**

•ART 431	Figure Drawing & Anatomy	3
Health & Wellness Requirement		2
#Minor Course 4		3
ART 439	Aesthetics & Criticism	3
•ART 417	Capstone Project I	1
ART Elective		3
		<u>15</u>

Second Semester

•ART 432	Figure Painting	3
ART 434	Business of Art	3
#Minor Course 5		3
ART 440	Internship	3
•ART 418	Capstone Project II	1
Elective		3
		<u>16</u>

Total SCH – 128

• Major Courses – 35hrs

Courses with an ART prefix requires a grade of “C” or better

Minor Courses

* Under the guidance and approval of an Academic Advisor, a student will be able to select a minor within the College's offerings, that will provide a different career pathway than what is already offered with the current minors that are embedded in the Studio Art Program of Study.

MUSIC

Mission Statement of the Music Program

The role of the Music Program is to provide support for the Benedict College Liberal Arts curriculum by offering a broad base of concepts and principles, historical perspectives, techniques and processes, and understanding and appreciation of the creative process in music. The music program develops cognitive, perceptual, emotive, and communication skills that help students establish higher-order thinking proficiencies desperately needed to function in today's society.

The Program also provides the following services to the College: Music Appreciation is offered in support of the General Education electives, and provides awareness and appreciation of music to a variety of majors who have a need to use music in their professions. Several music courses are open to non-music majors as electives to enrich their liberal arts education. The program also offers varied opportunities for performances on campus and throughout the local, state, regional, national, and international communities through its many performing units. The music faculty often serve as consultants to other colleges, public schools, churches, government entities, and private constituents.

The Music Program consists of Applied Studies in Instrumental (Brass, Woodwind, Percussion), Piano, Voice, and Music Industry. It aims to provide students with a broad base of educational experiences and skills necessary to enter professional career fields and/or graduate study in music. Students will select from four minors that are embedded in the Music Programs: 1) Education, 2) Applied Computing with a Management Information Track, 3) Marketing, and 4) Management. These minors support career pathway initiatives to strengthen institutional career placement outcomes.

MUSIC COURSES

HASS 111, 112, and 221 SEMINARS

credit 4 hrs.

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

ALL Major Courses must be taken sequentially.

MUS 000 MUSIC SEMINAR

credit 0 hr.

This course offers an opportunity for students in the music area to perform and critique other performers in their area. Students share research and performance decorum, receive advice from external professionals, and are exposed to a wide array of practical topics in the field. Students must earn a passing grade of "C" and must take this course for a total of eight (8) semesters.

MUS 019 APPLIED LESSON

credit 1 hr.

The Applied Lesson consists of private instruction in the student's major instrument. Weekly assignments consist of standard college literature with emphasis on technique, interpretation, and style. Music students are required to enroll in 7 sections of applied lessons beginning first semester freshman year and continuing through the first semester of the senior year. Instruments are designated by suffix: B-brass, D-percussion, P-piano, V-voice, W-woodwind. Prerequisite: Music Majors only.

MUS 010C CONCERT CHOIR

(DESIGNATED SERVICE-LEARNING COURSE)

credit 1 hr.

This course is devoted to the study and performance of the highest caliber of choral literature, and includes such diversity as classical, musical theatre, spiritual, and contemporary gospel styles. It is required for all music majors with a concentration in voice or piano and open to all other students by audition or consent of the director.

MUS 010D PERCUSSION ENSEMBLE

(DESIGNATED SERVICE-LEARNING COURSE)

credit 1 hr.

The Benedict College Percussion Ensemble is designed to provide cultural enrichment and sound preparation for the modern-day percussion educator/performer. Students are given an opportunity to learn proper playing and performance techniques on a variety of traditional and non-traditional percussive instruments. Open to all students.

MUS 010I INSTRUMENTAL ENSEMBLE

(DESIGNATED SERVICE-LEARNING COURSE)

credit 1 hr.

This course is devoted to the study and performance of the highest caliber of choral literature, and

includes such diversity as classical, musical theatre, spiritual, and contemporary gospel styles. It is required for all music majors with a concentration in voice or piano and open to all other students by audition or consent of the director.

MUS 010M MARCHING BAND**(DESIGNATED SERVICE-LEARNING COURSE)****credit 1 hr.**

This purpose of this ensemble is to provide cultural enrichment and music as an avenue of entertainment, public service, athletic, and academic support. Frequent performances are presented on and off-campus. Participation is open to all students with an instrumental background. Auditions are used as a means of placement.

MUS 115 PIANO CLASS I**credit 1 hr.**

This course is designed to meet the piano proficiency requirement for all Music majors. Provides an introduction to the keyboard in a classroom setting. Emphasis is on functional skills such as transposing, harmonizing, reading in both clefs, scales, and the playing of simple folk songs and beginning piano literature of various composers and styles. Prerequisite: Music majors only; MUS 120.

MUS 116 PIANO CLASS II**credit 1 hr.**

This course is a continuation of MUS 115 Piano Class I with further development of keyboard skills designed to meet the piano proficiency requirement for all Music majors. Prerequisite: MUS 115.

MUS 117 EAR TRAINING AND SIGHT SINGING I credit 1 hr.

This course is designed to develop aural skills involving melody, rhythm and harmony. Concepts such as identification of intervals, triads, sight singing, melodic and rhythmic dictation will be covered. Prerequisite: Music majors only; MUS 120.

MUS 118 EAR TRAINING AND SIGHT SINGING II**credit 1 hr.**

This course is a continuation of MUS 117 and includes progressively advanced aural recall, melodic and rhythmic dictation, listening experiences, and score reading. Prerequisite: Music Majors Only; MUS 117.

MUS 120 FUNDAMENTALS OF MUSIC**credit 2 hrs.**

This course is designed to be an introduction of music reading and writing. Basic music concepts such as pitch, rhythm notation, ear training, chord construction, and scales will prepare the student for music theory courses. In addition, this course will introduce the student to music writing that will allow the student to write simple melodic and rhythmic dictation, preparing the student for the Ear Training and Sight Singing courses. Music majors only

MUS 130 FOUNDATIONS: MUSIC APPRECIATION**credit 3 hrs.**

The course provides the tools of music and historical overview of periods, styles, genres, and composers. Emphasis is placed on the development of keen listening skills, personal reflections and aesthetics, cultivation of appreciation of the influences of visual, theatrical and dance, as they reflect social, cultural, religious and political changes. Upon completion, students will have gained the basic skills and knowledge necessary to broaden their understanding and enjoyment of the live music experience. Through collaboration and compliance with the Honors Program, Honors credit may be offered.

MUS 131 MUSIC THEORY I**credit 3 hrs.**

This course is designed to acquaint students with the rudiments of music, including: keys, scales (major and minor), simple and compound meters, intervals, triads, 7th chords, and principles of voice leading. Prerequisite: MUS 120.

MUS 132 MUSIC THEORY II**credit 3 hrs.**

This course is the continuation of MUS131 with focus on harmonic progressions sequences, triads in second inversion, cadences, phrases, periods and sentences. Prerequisite: MUS131.

MUS 211E ELECTRONIC/COMPUTER MUSIC**credit 1 hr.**

This course is designed as a computer competency for Music Majors through the introduction to computer music notation software and midi interface technology. Prerequisite: Music Majors Only.

MUS 215 PIANO CLASS III**credit 1 hr.**

This course is a continuation of MUS 116. Emphasis is placed on technique, harmonic patterns, two-handed harmonization and transposition, sight reading, the Blues scales, ensemble, open score reading, scales, and interpretation of folk, hymn tunes and piano literature. Prerequisite: MUS 116

MUS 216 PIANO CLASS IV**credit 1 hr.**

This semester course is a continuing sequence of piano study in a classroom setting. Emphasis is placed on transposing, sight-reading, open score reading, technique and interpretation of folk, hymn tunes and intermediate piano literature. Prerequisite: MUS 215

MUS 217 EAR TRAINING AND SIGHT SINGING III**credit 1 hr.**

This course is a continuation of MUS 118 and is designed to increase students' aural skills involving melody, rhythm and harmony. Concepts covered include identification of major and minor scales, harmonic dictation, sight reading in treble and bass clefs and the introduction of alto clef. Prerequisite: MUS 118.

MUS 218 EAR TRAINING AND SIGHT SINGING IV**credit 1 hr.**

This course is a continuation of MUS 217 and is designed to increase students' knowledge of musical concepts through rhythmic, melodic, and chord progressions. Prerequisite: MUS 217.

MUS 226 ORCHESTRATION AND ARRANGING**credit 2 hrs.**

This course provides students with direct instruction and hands-on application of fundamental concepts and techniques for the orchestration and arranging of musical compositions. The course explores the capabilities and limitations of instruments and voices, historic and electronic notational practices, techniques of transcribing, and score study. Prerequisites: Music Majors Only; MUS 232.

MUS 231 MUSIC THEORY**credit 3 hrs.**

This course includes four and three part-writing, harmonic analysis, the study of nonchordal tones, voice leading approaching the dominant seventh chord and the resolution of the seventh chord. Music studies are taken from various styles. Prerequisite: MUS 132.

MUS 232 MUSIC THEORY IV**credit 3 hrs.**

This course is a continuation of MUS 231. This course, along with its predecessors Music Theory I-III enables the student to think critically about music of different styles and periods. Concepts covered include: augmented 6th chords, secondary dominant chords, tonicization, modulations, sonata form and the breakdown of tonality (diatonic modes, pentatonic scale, twelve-tone serialism). Prerequisite: MUS 231.

**MUS 234 RECORDING TECHNOLOGY AND CONCERT RECORDING
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is an introduction to the concepts of the live concert recording. Digital recording technology and digital mixing techniques are explained and discussed. Microphone selection, characteristics, and placement as well as the acoustic problems encountered in concert halls and other performing environments will be discussed. Students will have the opportunity to apply the lecture material by recording rehearsals and student recitals.

MUS 322B/D/P/V/W BRASS/PERCUSSION/PIANO/VOCAL/WOODWIND METHODS credit 2 hrs.

This course is designed to acquaint the student with current and traditional instrument issues, materials, instruction, terminology, and practical applications, including care of the instrument. Emphasis is placed on teaching philosophies, objectives, methodologies, and procedures specific to the student's applied instrument. Prerequisites: Music Majors Only; MUS 311.

MUS 326 CONDUCTING I**credit 2 hrs.**

This course provides an introduction to the art of conducting, with emphasis upon mastery of fundamental beat patterns. Emphasis is on choral and instrumental conducting, hand and baton techniques, and application through practical experience with organizations in the Music program. The course is designed to acquaint the student with the methods and organization of choral and instrumental groups in schools, churches, and communities and with the conducting of choral and instrumental music. Prerequisite: MUS 232.

MUS 330 HISTORY OF JAZZ**credit 3 hrs.**

This course is an overview of the history and current scholarship of jazz from its precursors to the present, highlighting the influences of African and European musical cultures. Students will study the musical elements of jazz styles within historical context. Emphasis is placed on the African

diaspora, the origins of African American music, and representative composers and performers of various jazz styles.

MUS 333 MUSIC HISTORY AND LITERATURE I**credit 3 hrs.**

This course surveys the place of Music from the Middle Ages through the Baroque Period examining influences of the Ancient Greeks, the Christian Church, opera, chamber, keyboard, and ensemble music. The course also cites examples of melody, rhythm, harmony, timbre, texture, and form through the infusion of World Music. Prerequisite: MUS 231.

MUS 334 MUSIC HISTORY AND LITERATURE II**credit 3 hrs.**

This course is a continuation of Music History and Literature II, and surveys the place of music in western civilization from the Classical Period to the present with emphasis on the sonata, symphony, opera, church music, and the concerto. The study includes topics related to World Music, with emphasis on African and African American contributions to western music from the 1800s to the present. Prerequisite: Music Majors only, MUS 232.

MUS 422 RECITAL AND DOCUMENT**credit 2 hrs.**

Seniors in the Music Programs must perform a thirty-minute hearing and recital and submit a supporting document. Repertoire is assigned by the Applied Instructor in collaboration with the student. The recital and document should be representative of their studies in both their major and minor areas

MUS 426 CHORAL PEDAGOGY**credit 2 hrs.**

This course is designed to acquaint the student with current and traditional choral pedagogy issues, materials, instruction, terminology, and practical applications, including the selection of choral literature. Emphasis is placed on teaching philosophies, objectives and methodologies of choral pedagogy.

MUS 428 INSTRUMENTAL PEDAGOGY AND LITERATURE**credit 2 hrs.**

This course is designed to acquaint the student with current and traditional instrumental pedagogy issues, materials, instruction, terminology, and practical applications, including the selection of instrumental literature. Emphasis is placed on teaching philosophies, objectives and methodologies of instrumental pedagogy.

MUS 430 MUSIC BUSINESS**credit 3 hrs.**

This course introduces the basic elements of the music business. Topics include copyright laws; musical arrangements and abridgements; recording and songwriting contracts; agents and managers; forming and managing ensembles; creation of press kits/promotion packets; marketing techniques; performing rights organizations; and unions.

MUS 431 FORM AND ANALYSIS**credit 3 hrs.**

This course is a study of various forms of composition, including song, dance, rondo, canon, fugue, and sonata forms. Prerequisites: MUS 2320 and MUS 3340.

MUS 432 COMPOSITION**credit 3 hrs.**

This course is a study of elementary forms and traditional approaches to the organization of melody, harmony, and rhythm. Fundamental composition techniques will be utilized in order to instruct students in the creation of short musical works using appropriate music notation and form. Prerequisites: MUS 232 and MUS 334.

**MUS 435 SCORING FOR FILM AND MULTIMEDIA I
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

Addressing the matrix of directorial vision and visual, narrative, and dramatic world of film, this course will examine a broad range of musical approaches and those requirements necessary for composing music for film and multimedia. Cultural, cinematic, and musical codes will be discussed and critiqued through critical analyses of seminar scores, scoring assignments, and collaborative director/composer interactions.

MUS 436 SCORING FOR FILM AND MULTIMEDIA II**credit 3 hrs.**

The course is a continuation of MUS 435, with emphasis upon scoring film and multimedia projects of various genres. Prerequisite: MUS 435

MUS 440 MUSIC INDUSTRY INTERNSHIP**credit 3 hrs.**

Students will be assigned to studios and/or other corporate environments for on-the-job training. Prerequisite: graduating senior.



MUSIC ELECTIVES

MUS 010B BRASS ENSEMBLE

credit 1 hr.

The Brass Ensemble rehearses and performs a mixture of traditional and twentieth century music for Brass Ensemble. Participation is open to all students with experience on standard brass instruments and by consent of the director.

MUS 010F FEMALE VOCAL ENSEMBLE

credit 1 hr.

This course is devoted to the study and performance of a variety of music and musical arrangements for SSAA voicing. The core of the ensemble stems from the Concert Choir and is also open to all other female students by audition. Prerequisite: Demonstrated music reading skills.

MUS 010P PEP BAND

credit 1 hr.

The Pep Band is an opportunity for all students with an instrumental background to provide public service through entertainment at basketball games and other related athletic events. Participation is by audition or consent of the director.

MUS 010V VOCAL JAZZ ENSEMBLE

credit 1 hr.

The Vocal Jazz Ensemble explores jazz and pop musical styles, techniques, and improvisation. Standard and contemporary vocal jazz literature is emphasized. This ensemble serves as a small ensemble option for music majors with a concentration in voice and is open to all other students by audition or consent of the director.

MUS 010W WOODWIND ENSEMBLE

credit 1 hr.

The Woodwind Ensemble rehearses and performs a variety of traditional and twentieth century music composed, arranged, and transcribed for Woodwind Ensemble. Membership is open to all students with experience on standard woodwind instruments and by consent of the director.

MUS 010Z JAZZ ENSEMBLE

credit 1 hr.

The Jazz Ensemble provides historical reference, cultural enrichment, and performances in the traditional Big Band/Jazz Orchestra format. The ensemble studies and performs big band literature, including swing, modern, fusion, and symphonic jazz styles. Participation is open to all students by audition or consent of the director.

MUS 328 HISTORY OF AFRICAN AMERICAN MUSIC

credit 2 hrs.

This course is an overview of the history and current scholarship of African American Music from the eighteenth century to the present.

MUS 424 SPECIAL TOPICS

credit 2 hrs.

This course is designed to enable faculty to develop courses in the academic area of interest to

them and to their students. This course will allow students to do in-depth exploration of a given topic. It may be repeated with departmental permission, provided the topic is different. Prerequisite: graduating senior only.

MUS 425 CONDUCTING II**credit 2 hrs.**

This course is a continuation of the art of conducting, with emphasis upon mastery of coordination of the hands and body in beat pattern execution and interpretation. Emphasis is on choral and instrumental conducting, hand and baton techniques, and practical application and experience with a variety of musical organizations. Prerequisite: MUS 326.

Bachelor of Arts Degree in Music Industry with a Minor in Applied Computing: Management Information Track**Freshman Year***First Semester*

HASS 111	The College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
BIO 130/110L	Gen Biology/Lab or	4
PHYS141/141 L	Gen Physical Science/Lab	
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 120	Fundamentals of Music	2
MUS 130	Foundations: Music Appreciation	3
		18

Second Semester

HASS 112	The College Experience II	1
ENG 132	Info Literacy & Research	3
MATH 134	Gen College Math II	3
HIST 130	Intro to African Amer. History	3
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 115	Piano Class I	1
MUS 117	Ear Training & Sight Singing I	1
MUS 131	Music Theory I	3
MUS 000	Music Seminar	0
		17

Sophomore Year*First Semester*

ENG 237	Oral Communication	3
HASS 221	Prof. Pathways Development	2
ART 130/THE 230	Art or Theatre Appreciation	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 116	Piano Class II	1
• MUS 132	Music Theory II	3
• MUS 118	Ear Training & Sight Singing II	1
• MUS 211E	Electronic Computer Music	1
		16

Second Semester

FS/SP 233	Foreign Language Requirement 3	
MUS 234	Record Tech & Concert Record	3
REL 130	Comparative Religion	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 231	Music Theory III	3
	Elective	1
		15

Junior Year*First Semester*

MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 333	Music Hist. & Lit. I	3
• MUS 232	Theory IV	3
CSC 131	Introduction to Computers	3
MUS 330	History of Jazz	3
		14

Second Semester

MUS 000	Music Seminar	0
• MUS 226	Orchestration & Arranging	2
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
CSC 239	Intro. to Multi. Computing	3
MUS 326	Conducting I	2
MUS 334	Music Hist. & Lit. II	3
MGT 332	Business Information Systems	3
		15

Senior Year*First Semester*

Health & Wellness Req		2
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 431	Form & Analysis	3
• MUS 435	Scoring for Film & Multimedia I	3
CSC 236/335/434	Business Program/File Org. and Processing/Database Mgt.	3
FIN 333	Personal Finance	3
		16

Second Semester

MUS 000	Music Seminar	0
• MUS 422	Recital and Document	2
• MUS 430	Music Business	3
• MUS 432	Music Composition	3
MUS 340	Music Industry Internship	3
MKT 339	Internet Marketing	3
ACT 432	Accounting Information Sys.	3
		17

Total SCH – 128

• Major Courses – 42 hrs

Courses with a MUS prefix requires a grade of "C" or better

Bachelor of Arts Degree in Music Industry with a Minor in Marketing**Freshman Year***First Semester*

HASS 111	The College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
BIO 130/110L	Gen Biology/Lab or	4
PHYS141/141 L	Gen Physical Science/Lab	
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 120	Fundamentals of Music I	2
MUS 130	Foundations: Music Appreciation	3
		18

Second Semester

HASS 112	The College Experience II	1
ENG 132	Info Literacy & Research	3
MATH 134	Gen College Math II	3
HIST 130	Intro to African Amer. History	3
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 115	Piano Class I	1
MUS 117	Ear Training & Sight Singing I	1
MUS 131	Music Theory I	3
MUS 000	Music Seminar	0
		17

Sophomore Year*First Semester*

ENG 237	Oral Communication	3
HASS 221	Prof. Pathways Development	2
ART 130/THE 230	Art or Theatre Appreciation	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 116	Piano Class II	1
• MUS 132	Music Theory II	3
• MUS 118	Ear Training & Sight Singing II	1
• MUS 211E	Electronic Computer Music	1
		16

Second Semester

FS/SP 233	Foreign Language Requirement	3
MUS 234	Record Tech & Concert Record	3
REL 130	Comparative Religion	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 231	Music Theory III	3
	Elective	1
		15

Junior Year*First Semester*

MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 333	Music Hist. & Lit. I	3
MUS 330	History of Jazz	3
MKT 330	Principles of Marketing	3
• MUS 232	Music Theory IV	3
		14

Second Semester

MUS 000	Music Seminar	0
• MUS 226	Orchestration & Arranging	2
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
BA 130	Intro. to Business	3
MUS 326	Conducting I	2
MUS 334	Music Hist. & Lit. II	3
MKT 337	Consumer Behavior	3
Health & Wellness Req		2
		17

Senior Year*First Semester*

MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 431	Form & Analysis	3
• MUS 435	Scoring for Film & Multimedia I	3
MKT 437	Marketing Management	3
MKT 432	Marketing Research	3
FIN 333	Personal Finance	3
		17

Second Semester

MUS 000	Music Seminar	0
• MUS 422	Recital and Document	2
• MUS 430	Music Business	3
• MUS 432	Music Composition	3
• MUS 436	Scoring for Film & Multimedia II	3
MUS 440	Music Industry Internship	3
		14

Total SCH – 128

• Major Courses – 45 hrs

Courses with a MUS prefix requires a grade of “C” or better

Bachelor of Arts Degree in Music Industry with a Minor in Management**Freshman Year***First Semester*

HASS 111	The College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
BIO 130/110L	Gen Biology/Lab or	4
PHYS141/141 L	Gen Physical Science/Lab	
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 120	Fundamentals of Music I	2
MUS 130	Foundations: Music Appreciation	3
		18

Second Semester

HASS 112	The College Experience II	1
ENG 132	Info Literacy & Research	3
MATH 134	Gen College Math II	3
HIST 130	Intro to African Amer. History	3
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 115	Piano Class I	1
MUS 117	Ear Training & Sight Singing I	1
MUS 131	Music Theory I	3
MUS 000	Music Seminar	0
		17

Sophomore Year*First Semester*

ENG 237	Oral Communication	3
HASS 221	Prof. Pathways Development	2
ART 130/THE 230	Art or Theatre Appreciation	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 116	Piano Class II	1
• MUS 132	Music Theory II	3
• MUS 118	Ear Training & Sight Singing II	1
• MUS 211E	Electronic Computer Music	1
		16

Second Semester

FS/SP 233	Foreign Language Requirement	3
MUS 234	Record Tech & Concert Record	3
REL 130	Comparative Religion	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 231	Music Theory III	3
	Elective	1
		15

Junior Year*First Semester*

• MUS 232	Music Theory IV	3
• MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 333	Music Hist. & Lit. I	3
MUS 330	History of Jazz	3
MGT 330	Principles of Management	3
		14

Second Semester

• MUS 000	Music Seminar	0
• MUS 226	Orchestration & Arranging	2
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
BA 130	Intro to Business	3
MUS 326	Conducting I	2
MUS 334	Music Hist. & Lit. II	3
MGT 335	Human Resource Mgt.	3
	Health & Wellness Req	2
		17

Senior Year*First Semester*

• MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 431	Form & Analysis	3
• MUS 435	Scoring for Film & Multimedia I	3
MGT 430	Cont. Issues in Mgt.	3
FIN 333	Personal Finance	3
MGT 433	Organizational Theory	3
		17

Second Semester

• MUS 000	Music Seminar	0
• MUS 422	Recital and Document	2
• MUS 430	Music Business	3
• MUS 432	Music Composition	3
• MUS 436	Scoring for Film & Multimedia II	3
MUS 440	Music Industry Internship	3
		14

Total SCH – 128

• Major Courses – 45 hrs

courses with a MUS prefix requires a grade of "C" or better

Bachelor of Arts Degree in Music with a Minor in Education**Freshman Year***First Semester*

HASS 111	The College Experience I	1
ENG 131	Analysis & Argumentation	3
MATH 132	Gen College Math I	3
BIO 130/110L	Gen Biology/Lab or	4
PHYS141/141 L	Gen Physical Science/Lab	
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 120	Fundamentals of Music I	2
MUS 130	Foundations: Music Appreciation	3
		18

Second Semester

HASS 112	The College Experience II	1
ENG 132	Info Literacy & Research	3
MATH 134	Gen College Math II	3
HIST 130	Intro to African Amer. History	3
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 115	Piano Class I	1
MUS 117	Ear Training & Sight Singing I	1
MUS 131	Music Theory I	3
MUS 000	Music Seminar	0
		17

Sophomore Year*First Semester*

ENG 237	Oral Communication	3
HASS 221	Prof. Pathways Development	2
ART 130/THE 230	Art or Theatre Appreciation	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 116	Piano Class II	1
• MUS 132	Music Theory II	3
• MUS 118	Ear Training & Sight Singing II	1
MUS 211E	Electronic Computer Music	1
		16

Second Semester

FS/SP 233	Foreign Language Requirement	3
• MUS 215	Piano Class III	1
REL 130	Comparative Religion	3
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 231	Music Theory III	3
	Elective	2
• MUS 217	Ear Training & Sight Singing III	1
		15

Junior Year*First Semester*

Health & Wellness Req		2
MUS 000	Music Seminar	0
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
MUS 333	Music Hist. & Lit. I	3
• MUS 322W	Woodwind Pedagogy	2
ED 130	Hist/Phil Found. of Ed. Prac.	3
• MUS 232	Music Theory IV	3
• MUS 216	Piano Class IV	1
• MUS 218	Ear Training & Sight Singing IV	1
		17

Second Semester

MUS 000	Music Seminar	0
• MUS 226	Orchestration & Arranging	2
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 326	Conducting I	2
MUS 334	Music Hist. & Lit. II	3
• MUS 322B	Brass Pedagogy	2
• MUS 322D	Percussion Pedagogy	2
ED 230	Human Growth and Dev.	3
		16

Senior Year*First Semester*

MUS 000	Music Seminar	0
• MUS 322V	Vocal Pedagogy	2
• MUS 019	Applied Lesson	1
• MUS 010	Music Ensemble	1
• MUS 425	Conducting II	2
• MUS 431	Form & Analysis	3
ED 322	Educational Psychology	3
EDSE 330	Exceptional Child	3
		15

Second Semester

MUS 000	Music Seminar	0
• MUS 010	Music Ensemble	1
• MUS 422	Senior Recital & Document	2
MUS 430	Music Business	3
• MUS 432	Music Composition	3
• MUS 426/428	Choral or Inst. Ped&Lit	2
ED 337	Diversity, Social Justice & 21 st Century	3
		14

Total SCH – 128

• Major Courses – 53 hrs

courses with a MUS prefix requires a grade of “C” or better

THEATRE**Mission**

The Theatre Area aims to develop an understanding of and an appreciation for theatre as an art form; stimulate intellectual understanding and discourse regarding the human conditions as reflected in historic and contemporary theatrical endeavors; provide instructional and performance experiences to enhance creative self-expression; and develop an awareness of theatre as a powerful tool for social change.

The Theatre Area is designed to offer courses that will enhance the liberal arts education and provide opportunities for training and creative expression through the art form known as theatre. The Benedict College Performing Arts Company utilizes a 265-seat proscenium stage. Live theatrical and musical experiences for the artistic, cultural, and educational enrichment for the College and the surrounding community are provided.

THEATRE COURSES**THE 110 MOVEMENT FOR THE THEATRE****credit 1 hr.**

This course is an introduction to basic physical skills, including relaxation, flexibility and manipulation of the body at rest and in motion. The course will train performers in methods for placing the body and using the stage. (May be repeated for up to 2 hours credit).

THE 120 VOICE & DICTION**credit 2 hrs.**

This course provides practical study of vocal (speech) production, stressing articulation, diction, and projection for theatrical performances in diverse spaces and styles.

THE 231 BEGINNING ACTING**credit 3 hrs.**

This course offers study of the fundamental elements of the acting process focusing on realistic and naturalistic styles. Special attention will be paid to vocal and physical development needed in creating a role for the stage. Monologues and scene study will offer practical experience in character development.

THE 230 THEATRE APPRECIATION**credit 3 hrs.**

This course provides a study of the art, craft, and business of the theatre. Emphasis is placed on cultivating appreciation for the work of the collaborative artists that produce theatre. Through the examination of various theatrical works, theories, and styles students will discover how theatre is reflective of social, cultural, and political movements from various historical periods and cultures. Upon completion, students will have gained the skills and knowledge necessary to broaden their understanding and enjoyment of the live theatre experience

THE 233 THEATRE AND THE CIVIL RIGHTS MOVEMENT**credit 3 hrs.**

Through the examination of a variety of theatrical works associated with the Civil Rights Movement, Students will discover how theatre serves as a powerful tool for social change. Students will also become knowledgeable of the basic principles, processes, and theories of theatre while analyzing different genres from the African American perspective.

THE 330 INTERMEDIATE ACTING**credit 3 hrs.**

This course offers continued study of the fundamental elements of the acting process focusing on classical theatre repertoire. Special attention will be paid to vocal and physical development needed in creating a role for classical theatre. Monologues and scene study will offer practical experience in character development. Prerequisite: THE 230.

THE 334 AFRICAN AMERICAN THEATRE**credit 3 hrs.**

This course is a study of historical and contemporary plays, playwrights, actors, methods, and analyses of the African American Theatre.

CRIMINAL JUSTICE ADMINISTRATION AND SOCIAL SCIENCES DEPARTMENT

The mission of the Criminal Justice Administration and Social Sciences Department is to be an exemplary, growth-oriented teaching and research unit by offering the highest quality programs in a nurturing atmosphere by attracting and retaining dedicated, credentialed faculty who excel in teaching, student mentoring, scholarly research, and service to the community. It further provides applied technological and interdisciplinary skills in the field of cybersecurity that provide cutting edge learning opportunities to advance the intellectual, analytical, and communication skills of its Graduates. Courses offered within the department are designed to promote social responsibility and ethical values, improve quality and understanding of life, and encourage cultural awareness and appreciation for diversity. The faculty of the Department are committed to research and community service, and they facilitate student research by providing basic and advanced courses in research methods and analysis.

Required Activities

All students in the Department of Criminal Justice Administration and Social Sciences are required to submit and successfully defend a senior paper relevant to their major area of study prior to graduation.

SERVICE-LEARNING

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Honors Courses

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn honors credits in designated General Education courses or in regular classes. Students interested in more information should confer with the Honors Program Director. Listed below are the Honors courses offered in this department:

HIST	131	World Civilization I
HIST	132	World Civilization II
HIST	231	U. S. History I
HIST	232	U. S. History II
HIST	430	The Civil Rights Movement
SS	339	Cultural Anthropology

CLUBS, ORGANIZATIONS AND SPECIAL PROGRAMS IN JUSTICE ADMINISTRATION AND CYBERSECURITY DEPARTMENT

PRE-LAW CURRICULUM FOR STUDENTS CONSIDERING LAW SCHOOL

There is no prescribed or recommended major that will assure or even facilitate admission to law school. Law schools throughout the country rely on a combination of GPA, LSAT scores, and other factors to determine which applicants to accept. Students desiring to pursue a career in Law are well advised however to develop their skills in written and oral communication, reading and critical thinking (logic). Knowledge of government and the role played by law can be valuable. The Justice Administration and Cybersecurity Department offers a number of courses in political science, history, sociology, and philosophy which would be helpful to students hoping to attend Law School. Pre-law students not majoring in such disciplines may wish to take a number of these courses as electives.

NATIONAL ASSOCIATION OF BLACKS IN CRIMINAL JUSTICE (NABCJ)

The Benedict College Chapter of the National Association of Blacks in Criminal Justice (NABCJ) supports the organization's national mission to act upon the needs, concerns, and contributions of African Americans and other people of color as they relate to the administration of equal justice. Membership in the student chapter of the National Association of Blacks in Criminal Justice give student members the opportunity to participate in scholarship competitions, special events, local, regional and national networking and conference attendance. Membership is open students who are not a criminal justice major.

ALPHA PHI SIGMA

The Alpha Epsilon Iota Chapter of Alpha Phi Sigma, the National Criminal Justice Honor Society recognizes and promotes high scholarship among BC students actively engaged in collegiate preparation for professional services and invites only students with a 3.2 major and cumulative

grade point average.

ALPHA THETA IOTA CHAPTER OF PI SIGMA ALPHA

The Alpha Theta Iota Chapter of Pi Sigma Alpha, the National Political Science Honor Society states one of its purposes is “to stimulate scholarship and intelligent interest in political science.” The society functions at the national level, sponsoring programs and events of value to the profession and teaching of political science, and at the chapter level.

CRIMINAL JUSTICE ADMINISTRATION AND SOCIAL SCIENCES COURSE DESCRIPTIONS**HASS 111, 112 and 221 Seminars****credit 4 hrs.**

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

CJA 230 Introduction to Justice Administration and Law Enforcement **credit 3 hrs.**

The purpose of this course is to provide students with an overview of law enforcement and justice administration. Topics include an overview of the criminal justice system, including law enforcement procedures and policies, administrative policies in law enforcement, order maintenance, field operations and public service.

CJA 231 The Court System**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

This course is designed to provide the jurisdiction, policies, and procedures of courts in the administration of criminal justice and the judicial process from arrest, conviction or acquittal.

CJA 233 Theories in Criminology**credit 3 hrs.**

During the study of this course, the foundations of criminological thought will be studied through the works of early theorists, including: Bentham, Lombroso, Ferri, Marx and Dubois. Also explored during the study of this course will be contemporary theorists such as Merton, Hirschi, Wilson, Kleck, and Williams, along with the Classical, Positive, and Chicago Schools of Thought. The course examines past and contemporary theories of crime causation. The materials for this course will provide critical resources relevant for the overall understanding of paradigms in criminology.

CJA 234 Women in Criminal Justice**credit 3 hrs.**

This course is designed to explore women's involvement in three primary areas of criminal justice—as victims, criminals and practitioners employed in criminal justice agencies. It will analyze the impact of sex and gender on such things as criminological theory, sentencing, prison subcultures victimization, and career choices.

CJA 237 Introduction to Correction Systems**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

This course will provide students an overview of correctional philosophies and practices; it will also provide alternatives to corrections-probation, pardon, and parole techniques [halfway houses, etc.]. This course is a multidisciplinary study of corrections from the early 1800's to the present. This course focuses on the roles of corrections for offenders and society. This course starts with a historical and philosophical view of the development of corrections and focuses on the adult offenders.

CJA 238 Computing in Justice Administration**credit 3 hrs.**

This course provides students with an overview of the communications, database, vehicle, and weapons technologies employed by law enforcement, including a brief discussion of the evolution of these resources over time. The course also covers the current state of technology use in law enforcement agencies at all phases of investigation from first response to forensic investigation of evidence, along with evaluation and assessment of the deployment of various technologies in the field.

CJA 330 Juvenile Justice**credit 3 hrs.**

This course focuses on the specific characteristics of juvenile criminal behavior, including: detection, analysis, prevention, and treatment methodology. This course will also provide a detailed overview of the juvenile justice system, from its beginnings to the current state of the institution, which will include a review of police work with juveniles, pretrial procedures, the juvenile court system and the juvenile correctional system. Major court rulings that have shaped contemporary juvenile justice will be presented as well.

CJA 331 Introduction to Forensic Science**credit 3 hrs.**

Forensic Science is the application of scientific disciplines and principles to the legal system, particularly the litigation in court of contested factual disputes. This course examines the distinct fields of education and study that collectively comprise the forensic sciences. These fields include among others forensic psychiatry and psychology, forensic anthropology, forensic pathology, forensic toxicology, serology and DNA typing, questioned documents, crime scene investigation, forensic engineering, fingerprint evidence, polygraph and other investigative devices, and forensic

chemistry including drug analysis.

CJA 332 Probation, Pardon, and Parole**credit 3 hrs.**

This course is designed to highlight issues such as sentencing patterns and problems, prison overcrowding issues, release options, and administrative procedures.

CJA 333 Victimology**credit 3 hrs.**

In this course, we will examine the field of victimology, the scientific study of victims, including its scope and development, review the problems associated with victimization, examine the relationship between the victim and the offender, the victim and the criminal justice system, the role of victims in crimes, their treatment by the criminal justice system, their decisions to report crimes and help prosecute offenders, and victim assistance and compensation. We will also discuss various practical applications and policies that have resulted from society's increasing concern about victims.

CJA 335 Globalization and Terrorism**credit 3 hrs.**

This course focuses on the major attributes of contemporary terrorism, how it has developed throughout history, and the counter-terrorism strategies adopted by governments in response. The course has a strong domestic and international focus and is concerned with evaluating how international trends impact on government policy and the intersection between domestic and international issues surrounding terrorism.

CJA 336 Deviance and Social Control**credit 3 hrs.**

Biological, psychological, and sociological theories of causes of deviance are critically examined with a focus on the social construction of categories of crime and the creation of criminality. Both traditional and contemporary forms of deviance are examined with a focus on the relationship between cultural values and the social processes by which deviance is created and dealt with in the United States. The social construction of categories of crime, public concern, media influence, reform movements and solutions to crime are also covered.

CJA 430 Organization, Management & Administration in Criminal Justice **credit 3 hrs.**

The course will be a broad overview of the structure and management of criminal justice organizations.

CJA 431 Homeland Security Policy and Politics**credit 3 hrs.**

In this course emphasis is placed upon the identification, comparison and understanding of the various definitions of terrorism and the perpetrators of these acts, along with the various aspects of terrorism and homeland security which are required knowledge of anyone who are scholars, practitioners, researchers and scholar/practitioners in the field and discipline of terrorism and homeland security. The student will be exposed to the nexus between terrorism and homeland security as it relates to homeland security strategy, assessment, evaluation, preparation, responses, and recovery actions and mechanisms relating to terrorism and homeland security. There will be a focus on the importance of coordination of various assessments, plans, strategies and implementation of plans of action involving local, county, state, federal and international responses pertaining to terrorism and homeland security.

CJA 434 Capstone**credit 3 hrs.**

This course is designed to support the student as they complete their senior research paper and presentation. Students are further prepared to evaluate the research of others and to demonstrate their ability to design, conduct, and present research in the area of justice administration. The required senior paper will be completed and defended in this course.

CJA 437 Minorities, Crime, and Social Policy**credit 3 hrs.**

The involvement of minorities, specifically, African Americans in crime and the criminal justice system. Emphasis will be directed towards the political and social dynamics that influence judicial decision making and the role of democracy and punishment in the courts. The analysis will also focus the historical and contemporary structure of American law, policy, and procedure and its application to minority offenders.

CJA 438 Contemporary Issues in Criminal Justice**credit 3 hrs.**

This course is an examination of basic methodological and statistical concepts in criminology. Emphasis will be directed towards understanding the scientific method and problem solving specific to the criminal justice system, including forensic sciences, and computer and biotech

applications.

CJA 439 Special Topics**credit 3 hrs.**

The course is designed to enable faculty to develop interdisciplinary topics of special interest to them and to their students that are not listed in the regular course offerings. This 400-level elective course may be repeated, provided the topic is different.

CJA 440 Internship**credit 3 hrs.**

This course is designed as a senior-level course, which allows students to gain practical experience, by working within one of the criminal justice core areas: courts, corrections, or law enforcement. Students have the opportunity of combining theory with practice.

PROGRAM OF STUDY IN CRIMINAL JUSTICE ADMINISTRATION

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	Gen. College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHY	General Science Lecture	3		Health and Wellness	2
BIO/CHEM/ESC/PHY	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
FR/SP/AR 130	Lang. and Culture (optional)	0		Elective	6
HIST 130	Intro to Afr. American History	3	FI 112	The College Experience	1
FI 111	The College Experience	1			
Total		14	Total		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*JA 231	The Court System	3
*JA 230	Introduction to Justice Adm.	3	*JA 234	Women in Criminal Justice	3
*JA 233	Theories in Criminology	3	*JA 237	Intro to Criminal Systems	3
POLS 330	State and Local Govmt.	3	*JA 238	Computing in Justice Admin.	3
*SBS 235	Social, Legal, and Digital Ethics	3	CYBER 230	Intro to Cybersecurity	3
	Prof. Pathways Development	2	CSC 131	Introduction to Computers	3
Total		17	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*JA 333	Victimology	3	*JA 332	Probation, Pardon, & Parole	3
*SS 230	Statistics in Social Sci.	3	*JA 431	Homeland Security Policy & Pol	3
*JA 331	Introduction to Forensics	3	*JA 335	Globalization and Terrorism	3
*JA 330	Juvenile Justice	3		Elective or Minor Course	9
*SS 231	Quantitative Research Meth.	3			
Total		15	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*JA 430	Organ, Mgt, & Admin in JA	3	HIST 430	History of Civil Rights	3
PSY 431	Abnormal Psychology	3	*JA 434	Capstone	3
POLS 433	International Law and Org	3	*JA 440	Internship	3
*SS 330	Writing and Present in SS	3		Elective	6
	Elective	1			
Total		13	Total		15

Total SCH 128

SCH in Major* 54

*Major courses require a "C" or better.



CYBERSECURITY

The Bachelor of Science (BS) Degree in Cybersecurity will allow students to engage in a comprehensive cybersecurity education program. The degree is crafted to prepare students to enter or advance a professional career in specialized cybersecurity units, in law enforcement or cybersecurity departments in various organizations. Students will gain an interdisciplinary understanding of computer science, criminal justice, and information security policy and procedures. The degree is specifically tailored to combine a thorough understanding of best practices and procedures in cybersecurity combined with fundamental computer science content knowledge. The field of cybersecurity is a growing transnational phenomenon where the potential for jobs and support for graduate education is expected to grow exponentially over the next 15 to 20 years. Our program will highlight practical digital/computer investigative knowledge, critical legal skills, and an understanding of information security policies, along with the social, and cultural issues related to cybersecurity risks. Upon completion of the program, students will be prepared to pursue career paths in areas such as Computer Forensics Investigator, Information Security Specialists, Cyber Operations Planner, Cyber Threat Intelligence Analyst, Chief Information Security Operations Manager among many other cybersecurity related positions and fields.

Cybersecurity Course Descriptions

HASS 111, 112 and 221 Seminars

credit 4 hrs.

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

CYBR 230 Introduction to Cybersecurity Threats

credit 3 hrs.

In this course students gain a basic understanding of the fundamental concepts behind cybersecurity, basic security design fundamentals that help create systems that are worthy of being trusted, and an introduction to the components in an information technology system along with the roles in system operation.

CYBR 232 Network Technology and Protocols

credit 3 hrs.

In this course, students gain an introduction to networking technologies for local area networks, wide area networks, and wireless networks. They also acquire the knowledge and skills to analyze and assess network risks, select and deploy appropriate countermeasures, evaluate methods for strong authentication, search for possible vulnerabilities in operating systems, and reduce an organization's exposure to dangers in enterprise-wide and virtual private networks. The course will also cover layer 2 networking, identifying the security concerns at layer 2 and layer 3 of a network, the weaknesses of WEP and how they have been addressed. This course covers multiple domains on the (ISC)2 CISSP exam.

CYBR 234 Computers, Crime, and Culture

credit 3 hrs.

This course examines computers anthropologically, as artifacts revealing the social orders and cultural practices that create them along with the basic information about the threats that are present in this new cyber realm. Students in the course will review the motivation and techniques of cybercrime, the adversary model, types of attacks, events that indicate an attack has happened, attack timing, attack surfaces, covert channels, insider problems, social engineering, threat information sources and legal issues associated with cyber threats. Emphasis is placed on understanding the culture of cyber threats, identifying the culture of bad actors in cyberspace, and describing the different types of attacks and their characteristics.

CYBR 235 Law, Social Policy, Digital Ethics, and Compliance

credit 3 hrs.

The course covers the larger social policy, legal, and compliance issues surrounding information assurance in context and the rules and guidelines that control these issues. The course focuses on federal laws, state laws, US and international standards, the concept of jurisdictions in the digital world, the payment card industry, and BYOD issues. This course reviews how ethical foundations are applied to the networked digitized world. Also discussed is the social impact of cybercrime, diverse ethical dilemmas, and the role of cybersecurity in supporting and encouraging ethics, as well as where cybersecurity practices can cause ethical conflicts. (Cross listed as CJA 235 and PSY 236)

CYBR 332 Digital Forensics in the Criminal Justice System

credit 3 hrs.

This course provides students with an overview of the criminal justice system and the application of digital forensic evidence in criminal justice cases. The course focuses on providing students with the skills to apply forensics techniques throughout an investigation life cycle with a focus on complying with legal requirements. The course covers the rules, laws, policies and procedures that affect digital forensics and the steps in performing digital investigations. The student is introduced to the science, technology, procedures, and law of acquiring and analyzing digital evidence from computers and other devices. Finally, students are exposed to the use of various digital forensics tools.

CYBR 334 Cybersecurity Risk Analysis

credit 3 hrs.

The course provides students with an understanding of risk assessment models, methodologies, and processes such that they can perform a risk assessment of a particular system and recommend mitigations to identified risks. The course will cover risk as it relates to a system security policy, risk analysis methodologies, the evaluation and categorization of risk, advantages and disadvantages of risk assessment methodologies, and how to select the optimal methodology based on needs, advantages and disadvantages.

CYBR 335 Ethical Hacking

credit 3 hrs.

This class demonstrates the ethical use of various "white hat" cyber penetration testing tools and techniques consistent with Ethical Hacking training. The course introduces the student to the methods and techniques used by computer hackers and penetration testers from a real-world perspective. The objective of this course is to provide the student with an understanding of offensive security. It will

provide students with the knowledge of how to plan, organize, and perform penetration testing on a simple network. Ultimately, students will learn about the legal ramifications of penetration testing and how to minimize the security risks organizations face today.

CYBR 338 Introduction to Cryptography**credit 3 hrs.**

This course provides students with a general overview of the tools for ensuring the privacy, authenticity, and integrity of the increasingly sensitive information involved in modern digital systems. The course introduces the student to the concepts behind the use of core cryptographic tools, including encryption, message authentication codes, digital signature, and key agreement protocols. Ultimately, the course attempts to convey the ideas and principles behind cryptographic design, and the basic ability to understand where and how cryptography is used.

CYBR 430 Cyber Crime, Fraud Prevention and Management**credit 3 hrs.**

The course will provide students with an understanding of cybercrimes and other abuses in a cyberenvironment. Students will examine how the internet is used for cybercrime, cyber-stalking, and other abusive behaviors, and evaluate the effectiveness of cybersecurity in preventing crime and abuse. Additionally, students will be exposed to the necessary knowledge to develop plans and processes for a holistic approach to preventing and mitigating fraud through the system lifecycle.

CYBR 433 Human Aspects of Computing and Privacy**credit 3 hrs.**

This course integrates knowledge gained through previous coursework and experience and builds on that conceptual foundation through integrative analysis, practical application, and critical thinking. This course surveys the human aspects of cyber threats and the issue of privacy. Topics include ethics, privacy, usability security, cybercrime and the social, psychological and cultural aspects of cybercrime. Emphasis will be placed on identifying the bad actors in cyberspace and comparing their resources, capabilities/techniques and aversion to risk, and describing the different types of attacks and their characteristics, concepts of privacy, the effect the internet has on privacy, privacy protection procedures, and privacy laws and policies in various jurisdictions.

CYBR 436 Cybersecurity Program Planning and Management**credit 3 hrs.**

This course will provide an introduction to all aspects of cybersecurity, security program planning, development, management and assessment. The students will gain the ability to develop plans and processes for a holistic approach to cybersecurity for organizations and gain the knowledge necessary to define, implement, and assess a security program. The course will cover the placement of security functions in a system, how to develop contingency plans for various organizations, how to develop specific protection plans, and how to outline the roles of personnel in planning and managing security. The student will learn to develop a security plan, manage a security program and assess the effectiveness of a security program.

CYBR 437 Capstone**credit 3 hrs.**

The Cybersecurity Capstone is specifically designed to provide a platform for verified learners to practice the hands-on cybersecurity skills and techniques studied in the courses toward the development of a project for defense and presentation. Student teams will apply the design process by developing and testing a project addressing the emerging issues related to information assurance and cyber defense. The culmination of this project requires an oral presentation and a written report.

CYBR 438 Web, Cloud and Media Security**credit 3 hrs.**

The course will provide students with an understanding of the technology, tools and practices associated with web applications, modern host virtualization, and the interfaces between major components of virtualized systems and the implications these interfaces have for security. Additionally, students will be exposed to information that will give them the ability to apply forensics techniques to investigate and analyze a particular media in context.

CYBR 440 Internship**credit 3 hrs.**

This course is designed as a senior-level course, which allows students to gain practical experience, by working in a lab, company, or government organization in the area of cybersecurity. Students have the opportunity of combining theory with practice.



PROGRAM OF STUDY IN CYBERSECURITY

FRESHMAN YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
ENG 131	Analysis & Argumentation	3		ENG 132	Information, Literacy & Research	3	
MATH 140	PreCalculus I	4		MATH 143	Calculus I	4	
HIST 130	Afr. American History	3		*CSC 133	Digital Logic	3	
	Global & Intercultural	3		BIO/CHEM/ESC/PHYS	General Science Lecture	3	
*CSC 132	Introduction to Computing	3		BIO/CHEM/ESC/PHYS	General Science Lab	1	
HASS 111	The College Experience	1		*CSC 135	Intro to Programming	3	
				HASS 112	The College Experience	1	
	Total	17		Total	18		

SOPHOMORE YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
ENG 237	Oral Communication	3		MATH 336	Discrete Mathematics	3	
MATH 144	Calculus II	4		*CSC 138	Algorithm Design II	3	
*CSC 136	Algorithm Design I	3		*CSC 237	Java Programming	3	
*CYBER 230	Intro to Cybersecurity	3			Minor Elective	3	
*CSC 231	Assembly Language	3			Elective	3	
HASS 221	Professional Pathways Dev	2					
	Total	18		Total	15		

JUNIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*CYBER 335	Ethical Hacking	3		*CYBER 332	Digital Forensics	3	
*CYBER 235	Social, Legal, & Digital Ethics	3		*CYBER 334	Cybersecurity Risk Analysis	3	
*CYBER 234	Computers, Crime & Culture	3		*CYBER 338	Intro to Cryptography	3	
*CSC 334	Computer Org and Arch.	3		FR/SP/AR 233	Intermediate Foreign Language	3	
	Minor Requirement	3			Minor Requirement	3	
					Health and Wellness	2	
	Total	15		Total	17		

SENIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*CYBER 430	Cyber Crime & Fraud Prev.	3		*CYBER 433	Human Aspects of Computing & Privacy	3	
	Global and Intercultural	3			Minor Requirement	3	
*CYBER	Major Elective 300-400 level	3		*CYBER 437	Senior Capstone	3	
	Minor Requirement	3		*CYBER 440	Internship	3	
	Elective	4					
	Total	16		Total	12		

Total SCH 128

SCH in Major* 60

*Major courses require a "C" or better.

HISTORY COURSE DESCRIPTIONS**GEO 331 World Regional Geography****credit 3 hrs.**

This course is the study of how geographical features and patterns interact with political processes to create a constantly evolving political landscape. Studies in World Regional Geography can be local, regional or global in scale. In this course, we are most concerned with the global scale because global outcomes are often driven by local phenomena.

HIST 130 Introduction to African American History**credit 3 hrs.**

This course traces major developments in African American people from their ancient African origins through medieval kingdoms to the Atlantic slave trade and subsequent enslavement and emancipation in the Americas to the modern struggle for civil rights. Particular emphasis will be placed on Reconstruction, post Reconstruction policy, cultural and educational developments civil rights, leadership, and contemporary issues and concerns.

HIST 131 World Civilization I**credit 3 hrs.**

This course surveys ancient and medieval civilizations from their origins through the Renaissance. Egypt, Mesopotamia, Greece, Rome, Africa, and the ancient Near East, China, and India are studied. The impact of these early civilizations upon the development of modern civilization is emphasized. An honors section is offered as Hist 131 (H).

HIST 132 World Civilization II**credit 3 hrs.**

This course is a survey of the evolution of civilization since 1660. Emphasis is placed on the rise of the modern nation state, the ascendancy of the Western powers, and the growth of the "Third World" nations in the wake of World War II. Concurrently, attention is given to the development of science, the arts, and social and political institutions as they interrelate worldwide. An honors section is offered as Hist 132 (H).

HIST 231 U.S. History I**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is a survey of the history of the United States from its European background and colonization through the Civil War. This course traces the development of the political, economic, social, and cultural institutions of the United States. An honors section is offered as Hist 231 (H).

HIST 232 U. S. History II**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is a survey of the growth and development of the United States from reconstruction to the present. Particular emphasis is given to the impact of the Afro-American on the development of the United States during the 19th and 20th centuries. An honors section is offered as Hist 232 (H).



HIST 331 United States Military Policy**credit 3 hrs.**

This course is a study of the history of American military policy as expressed in American military institutions, experience and traditions in peace and war from colonial times to the present. Emphasis is on the relationship between the military and other entities in American society and on the role of the military in the establishment, expansion, preservation and development of the nation.

HIST 334 History of Africa**credit 3 hrs.**

This course is a survey of African History from earliest times to the present, with particular emphasis placed on the modern period.

HIST 335 History of Europe I**credit 3 hrs.**

This course treats Europe in detail from the beginning of the French Revolution in 1789 to the beginning of World War I in 1914. Particular attention is paid to the rise of nationalism, the social, cultural, and political impact of industrialism, and European colonialism.

HIST 336 History of Europe II**credit 3 hrs.**

This course traces the conduct of World Wars I and II and their impact upon the history of Europe. It analyzes the causes and effects of the Cold War, the end of colonialism, and the recent background of current events in Europe.

HIST 337 African American History**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course examines the nature of African societies—their social, religious, educational, cultural and political systems before the arrival of Europeans, African exploration of the Americas, and comparative studies of reactions to enslavement and resistance in the Americas through the Civil War.

HIST 338 African American History II**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course focuses on the social, political and cultural means and strategies used by African Americans to cope with discrimination and racism as they attempted to access American society immediately after emancipation up to the Civil Rights period. African American responses such as Black Nationalism, emigration, migration, participation in the military, and their creation of an American vision will be examined against the background of Reconstruction, rescinding of the promises of emancipation, and the establishment of segregation and Jim Crow.

HIST 339 U. S. History, 1914 to the Present**credit 3 hrs.**

This course traces political, economic, diplomatic, and military history from World War I to the present. The course emphasis is on the ethnic, technological, political, and cultural developments of this period in American History.

HIST 430 The Civil Rights Movement in the United States**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course provides a comprehensive study of the Civil Rights Movement in the twentieth century. The course will examine the scholarly, political, social and economic issues related to the movement. An honors section is offered as Hist 430 (H).

HIST 431 Asian History**credit 3 hrs.**

THIS course is a survey of Far Eastern History beginning with the arrival of European mariners. The theme of the course is the relationship between the Far East and the Western powers. The student is introduced to the geography, resources, principles, cultures, and strategic nature of Asia. The impact of colonialism is traced from its beginnings through its decline to the present. The course explores the effect of colonialism in Asia on the colonizers and the colonized, leading to a broader understanding of the conflicting motivations that underlie current events in the Far East.

HIST 433 Contemporary Issues in the Study of History**credit 3 hrs.**

This course will allow students to better utilize their strengths and expand learning. This course will further develop writing, reading, and critical thinking skills, prepare students for graduate school, and introduce new topics of study. Students will be introduced to more historical actors, events, and timelines. This course will help students gain the mastery they need to analyze historical evidence, formulate theses, and write effectively

HIST 435 History of Latin America and the Caribbean**credit 3 hrs.**

This course is a survey of Latin America and the Caribbean, tracing their history since contact by Columbus. The region's political history is examined from the early struggles among the colonial powers up through the Post-World War II independence of most Caribbean islands. At the same time, the student studies the geographic, economic, and the ethnic aspects of the region. Course is offered in alternate years.

HIST 436 African American Profiles **credit 3 hrs.**

This course will be a scholarly treatment of the biographical histories of prominent African Americans. Currently, many noted African American life experiences receive only surface treatment in other courses. This course will provide the student with more in-depth analysis of the life and impact of prominent African American from the early 17th century to the present.

HIST 439 Methods and Materials in the Teaching of Social Studies **credit 3 hrs.**

This course is a study of the theory and the application of new strategies in methods and materials of teaching social studies. Emphasis is given to the use of audio-visual and other procedures that maybe used in the classroom to achieve competency-based instruction. Emphasis is placed on the processes of inquiry and discovery, the development of concepts, and the analysis of values and strategies for teaching current and controversial issues.

SSCJ 439 Special Topics (Elective) **credit 3 hrs.**

The course is designed to enable faculty to develop interdisciplinary topics of special interest to them and to their students that are not listed in the regular course offerings. This 400-level elective course may be repeated, provided that the topic is different. Prerequisite: graduating senior only.

POLITICAL SCIENCE COURSES

**POLS 230 Introduction to Political Science
(DESIGNATED SERVICE-LEARNING COURSE)** **credit 3 hrs.**

An introduction to the discipline of political science, examining its foundation and relationships to other social science disciplines. This course also emphasizes the major concepts, theories and ideologies used in the study of political behavior, phenomena, and processes in a changing world.

**POLS 233 American National Government
(DESIGNATED SERVICE-LEARNING COURSE)** **credit 3 hrs.**

The course is an introduction to the principles and problems of government and the political process with particular emphasis on American national government. The course focuses on the evolution, organization, and powers of the national government. Particular emphasis is placed upon the role of the national government in current affairs.

POLS 234 Introduction to International Relations **credit 3 hrs.**

This course is a study of the interaction of forces, factors, and institutions of international politics, including an examination of the concepts and problems involved.

**POLS 330 American State & Local Government
(DESIGNATED SERVICE-LEARNING COURSE)** **credit 3 hrs.**

This course examines the development and content of state constitutions, special reference is made to the political, administrative, and judicial systems of South Carolina. Attention is focused on the problems that occur in the relations between state and local government.

**POLS 331 Municipal Government
(DESIGNATED SERVICE-LEARNING COURSE)** **credit 3 hrs.**

The course is a study of contemporary municipal government in the United States with reference to types, legal aspects, organizations, and functions. Attention is given to financial and personnel politics and elements in intergovernmental relations involving city, state, and national government.

POLS 332A Scope and Methods of Political Science **credit 3 hrs.**

An introduction to the philosophy, logic and methods of social and political analysis. The course examines the development of political science discipline, the scientific methods, the ethical issues in social science research, and research design.

POLS 333 Introduction to Political Thought **credit 3 hrs.**

A survey of the major political theories and ideologies, through an examination of the major texts and thinkers of the Western political tradition. Emphasis is placed on their contributions to human society. Prerequisite: Political Science 332

POLS 334A Theories of International Relations **credit 3 hrs.**

Analysis and evaluation of main theories of international relations, including realist, neo-realist, liberal, neo-liberal, Gramscian, Marxist, feminist, and post-modernist approaches. Emphasis is placed on the contributions of the theories to an understanding of contemporary world politics.

POLS 335 United States Foreign Policy **credit 3 hrs.**

This course analyses the principles and practices of the United States foreign policy from the founding of the country to the present time. Emphasis will be put on the institutional framework for the initiation and execution of the United States foreign policy, as well as on its impacts on selected areas around the world.

POLS 336 Introduction to Public Administration **credit 3 hrs.**

This is a survey of the evolution of Public Administration as a discipline and as a process. This course studies the organization and management of governmental affairs relating to the concept of the state.

POLS 337 American Law and Regulations **credit 3 hrs.**

Designed to introduce the student to the principal forms of American law—constitutional, statutory, common as well as judicial rulings and administrative regulations, the course provides the student with a general background relevant to the political process, governmental administration, and law enforcement, including judicial interpretation and review.

**POLS 338 American Political Parties and Elections
(DESIGNATED SERVICE-LEARNING COURSE)** **credit 3 hrs.**

The course analyzes the evolution, structure, role, functions, and techniques of American political parties and how they are influenced by special interests and pressure groups. Emphasis is placed on party platforms, nominating devices and campaign strategies.

POLS 430A The U.S. Congress **credit 3 hrs.**

Comprehensive study of the American legislative process emphasizing the development and operation of the U.S. Congress. The interaction of Congress with other political institutions will also be examined.

POLS 430B The U.S. Presidency **credit 3 hrs.**

Examination of the office of President with attention to its historical and constitutional development, to presidential selection, and to the various roles, powers, functions, and problems attendant to the contemporary Presidency.

POLS 430C The U.S. Supreme Court **credit 3 hrs.**

Comprehensive study of the American judicial system emphasizing the development and operation of the U.S. Supreme Court. The interaction of U.S. Supreme Court with other political institutions will also be examined.

POLS 431 Modern Political Thought **credit 3 hrs.**

This course examines in depth some of the most influential political theories and ideologies of the modern age (from Machiavelli through the twentieth century). Emphasis is placed upon the content of these theories and ideologies, as an understanding of contemporary politics.

POLS 432 Readings in Political Science **credit 3 hrs.**

The course, through the selection of appropriate readings, deals with the concepts and subject matter of political science. Through individual research and the preparation of a major paper, the student may focus on a particular area of political science or public administration.

POLS 433A International Law and Organizations **credit 3 hrs.**

This course examines the origins of international norms and the creation of institutions to develop, entrench, and enforce international them. Emphasis is placed on the United Nations and the major regional organizations, such as the European Union, the African Union and NAFTA.

POLS 433B International Political Economy**credit 3 hrs.**

This course examines the relationship between politics and economics on the national and international levels, focusing on the impact of political forces on the functioning of the international economic system.

POLS 434 Comparative Politics**credit 3 hrs.**

This course surveys the different types of political systems of the contemporary world, in order to understand their similarities and differences. Emphasis is placed on the constitutional principles, governmental institutions, and political problems of democratic countries (such as the United Kingdom, France, Germany and Japan), communist and post-communist countries (such as Russia and China), as well as developing countries (such as Nigeria).

**POLS 436 Political Change and Modernization
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course is a systematic exploration of theories of political change including an examination of the impact of change in the socio-economic system. The implications of these theories for exploring the experience of both Western and new states are considered. Enrollment is by permission of instructor only.

**POLS 437 Applied Political Science Research I
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This is the first of two required courses designed to provide students with the opportunity to integrate their substantive and theoretical knowledge in Political Science to their individual research project. This course focuses on topic selection, literature review and proposal writing. Prerequisite: SSCJ 333 and SSCJ 334.

**POLS 438 Applied Political Science Research II
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This is the second required courses designed to provide students with the opportunity to integrate their substantive and theoretical knowledge in Political Science to their individual research project. This course focuses on data collection, data analysis, and the writing of the senior paper. Prerequisite: Pols 437.

SSCJ 439 Special Topics**credit 3 hrs.**

The course is designed to enable faculty to develop interdisciplinary topics of special interest to them and to their students that are not listed in the regular course offerings. This 400-level elective course may be repeated, provided that the topic is different. Prerequisite: graduating seniors only.

SSCJ 440 Internship**credit 3 hrs.**

The course involves a placement of students in selected agencies to work in specific areas requiring particular professional skills in city, state, and national government. A report of this activity is expected upon conclusion of placement. Students may be assigned to appropriate kinds of non-agency activity by permission of the major area advisor.

PHILOSOPHY COURSES**PHIL 230 General Philosophy
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course introduces the student to the most significant philosophical approaches man has made toward the understanding of his environment. Emphasis will be placed on analysis and interpretation of reasoned statements and fallacious arguments in order to achieve clear, critical thinking.

PHIL 235 African American Philosophy**credit 3 hrs.**

Introduction of personalities representative of the African American philosophical tradition. Insight into the general character of his tradition and its general character of this tradition and its distinctive style of philosophizing. This course also emphasizes issues of social philosophy, ethics, and religion in the African American communities.

**PHIL 330 Critical Thinking and Logic
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course introduces students to the basic rules for valid reasoning. Students learn how to assess

arguments critically by others and how to construct valid arguments. Deductive, inductive and propositional logic are covered. Prerequisites: Math 134.

PHIL/REL 333 Philosophy of Religion

credit 3 hrs.

This course exposes the student to the historical problems and challenges posed by reason to religious belief systems.

PHIL 430 Social Ethics

credit 3 hrs.

A study of the problems of the moral life as related to contemporary social, political and economic trends; the character of the individual; and the philosophical foundations of morality form the subject matter of this course.

PHIL 431 Trends in Modern Philosophy

credit 3 hrs.

The course guides the student in an examination of current philosophical trends and their contemporary representatives. In addition, all modern systems are noted, including idealism, naturalism, materialism, existentialism, theistic and nihilistic realism, pragmatism, humanism, and logical positivism. Prerequisite: PHIL 230.

PSYCHOLOGY COURSES DESCRIPTIONS

HASS 111, 112 and 221 Seminars

credit 4 hrs.

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

PSY 213 Careers in Psychology

(DESIGNATED SERVICE-LEARNING COURSE)

credit 1 hr.

This course is designed to provide the student with career guidance and an overview of current trends in psychology. Topics include types of careers available and required preparation for careers.

PSY 222 African American Psychologists

credit 2 hrs.

This course provides an in-depth analysis of the theory, research, and careers of both early and contemporary African American psychologists.

PSY 230 General Psychology

credit 3 hrs.

The aim of this course is to introduce the students to the basic concepts in the scientific study of human behavior and mental processes. This includes research methods, psychological theory, development learning, memory, cognition, intelligence, perception, motivation, emotion, personality theory and assessment, psychological disorders, therapy and social psychology.

SS 230 Statistics in the Social Sciences

credit 3 hrs.

Statistics is approached as a tool in social research and in applied social sciences. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered. Prerequisites: Math 132 and Math 134 or Math 138 and Math 140.

SS 232 Critical Thinking and Logical Analysis in the Social and Behavioral Sciences

credit 3 hrs.

The course aims to help students to understand and develop the skills required for critical thinking in the social sciences, and to encourage them to explore the ways in which these skills can further their academic and non-academic pursuits. Topics covered may include: various forms of reasoning, common fallacies, the use of rhetoric, elementary logic, and decision and game theories.

SS 233 Quantitative Research Methods

credit 3 hrs.

This course in research methods prepares the student to understand materials and issues associated with but not limited to the logic of the scientific method, research design, and the collection of quantitative and statistical analysis of data. The course is intended to provide a foundation of knowledge concerning the organization of quantitative data (e.g., tables, graphs). It teaches methods for summarizing and/or describing data with respect to central tendency, dispersion, and association. The class also covers the appropriate use of standard inferential procedures in order to make generalizations from sample data to a larger population and provides an introduction to the use of statistical control and statistical software to perform data analysis.

SS 236 Qualitative Research Methods

credit 3 hrs.

This course is designed to expose students to qualitative research methodology, from conceptualization, through design and data collection processes, as an applied research methodology for problem

investigation, problem solving and evaluation. It includes a thorough discussion of qualitative research design and the role of theory in guiding and informing research design. The course begins with research problems, questions and design considerations. The course follows with training, through lecture, group work and hands-on experiences, in four data collection methods commonly used in qualitative research-observation, interview, focus group and use of documents and archival data. The course is intended to help the student develop the mindset required to think through, design, and execute a qualitative study.

CYBER 235 Law, Social Policy, Digital Ethics, and Compliance **credit 3 hrs.**

This course covers the larger social policy, legal, and compliance issues surrounding information assurance in context and the rules and guidelines that control these issues. The course focuses on federal laws, state laws, US and international standards, the concept of jurisdictions in the digital world, the payment card industry, and BYOD issues. This course reviews how ethical foundations are applied to the networked digitized world. Also discussed is the social impact of cybercrime, diverse ethical dilemmas, and the role of cybersecurity in supporting and encouraging ethics, as well as where cybersecurity practices can cause ethical conflicts. (Cross listed as CYBR 235 and CJA 235)

PSY 330 Human Growth and Development **credit 3 hrs.**

This course provides an integrated study of the human life span from the prenatal period through middle childhood adolescence and the stages of early and late adulthood. Central to the course are the theories, principles, and processes by which change takes place in the physical, cognitive, and affective areas of development. Multicultural issues as they relate to social, educational, and familial factors will be addressed.

SS 330 Writing and Presenting in the Social Sciences **credit 3 hrs.**

Research skills such as identification of problems and solutions, reading academic literature, use of data, and research paper writing and presentation will be covered. The aim of the course is for students in the social sciences and humanities to acquire knowledge and understanding of various types of academic language; furthermore, they should develop the ability and assurance to communicate, both in writing and orally.

PSY 331 Social Psychology
(DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course deals with the study of how personality and behavior are influenced by the social context. Topics include socialization, communication, attitudes, interpersonal perception, personal identities, and social interaction. Appropriate for non-majors.

PSY 335 Laboratory in Psychology **credit 3 hrs.**

Research methods and statistical procedures are interrelated in practical exercises. Prerequisites: SSCJ 333 and SSCJ 334.

PSY 336 Theories of Personality
(DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course provides an overview of the field of personality psychology. Classic and contemporary theoretical Frameworks for understanding personality development are examined, and personality assessment and modern research are covered.

PSY 337 Psychology of the African American Experience
(DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course examines psychological theory and research as applied to the development of personality, identity, perceptions and attitudes unique to the African American experience.

PSY 338 Applied Psychology **credit 3 hrs.**

This course surveys the practical application of psychological knowledge in various contexts, including clinical, educational, industrial, and family psychology.

PSY 339 Human Sexual Behavior **credit 3 hrs.**

Psychological theory and research on human sexual behavior are covered. Topics include pioneer and current research, gender differences, cultural influences, attitudes and behavior related to sexual functioning and dysfunction, sexual orientation, and sexually aggressive behavior.

PSY 430 Psychological Theory
(DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

The foundations of psychological thought are studied through the works of both early and

contemporary theorists.

PSY 431 Abnormal Psychology

credit 3 hrs.

This course is designed to provide an overview of the scientific theories, research, and therapeutic interventions concerning behaviors that have been identified as “abnormal.” Various psychological disorders are examined and the effect of these disorders on individual adjustment, interpersonal relations, and the society as a whole are addressed.

PSY 432 Cognitive Psychology

credit 3 hrs.

Theory and empirical research on human information processing and performance are examined. Topics include: attention, perception, learning, memory, reasoning, language, problem solving, and creativity.

PSY 433 Psychology of Health and Medicine

credits 3 hrs.

This course surveys, from a research-based perspective, the physical, behavioral, and psychological factors that contribute to health risks and diseases. Various behaviors and attitudes that relate to health enhancement, disease prevention, safety, and rehabilitation are identified. The role of the medical profession and issues involved in seeking medical care and adhering to health care regimens also are examined.

PSY 434 Clinical Psychology

credit 3 hrs.

This course is a survey of clinical practice. Topics include the professional training of clinical practitioners, the techniques of assessment and intervention, and application to family violence, depression, anxiety, and juvenile and criminal offenders.

PSY 435 Advanced Experimental Psychology

credit 3 hrs.

Various experimental designs and appropriate statistical tests are covered. This course includes both lecture and laboratory exercises.

PSY 436 Psychological Measurements

credit 3 hrs.

The historical development, critical assessment and current uses of various techniques are covered. Attention is given to measurement of personality, interest, aptitudes, attitudes, intelligence, clinical assessment, and therapeutic outcomes.

PSY 437 Psychology of Alcohol and Drug Use

credit 3 hrs.

Theory and research of substance abuse is the focus of this course. Topics include prevalence of use, medical consequences, pharmacological effects, physiological and psychological causes and treatment.

PSY 439A Senior Research Project I

credit 3 hrs.

This is the first of two courses in which the senior research paper will be completed. In this course, students will choose a research topic and write a research paper in APA style, which includes a review of literature and a proposed research design. Students must earn a grade of “C” or higher to matriculate to the next course, Senior Research Project II. Prerequisites: PSY 230, PSY 231, PSY 233, and MATH 132, MATH 134, or MATH 138 and MATH140.

PSY 439C Senior Research Project II

credit 3 hrs.

This is the second of the two courses in which the senior research paper will be completed. In this course, students will complete the research project begun in the PSY 438 course and must successfully defend their research before a faculty panel. The research paper and defense fulfills the requirement for the senior paper for psychology majors. Prerequisite: PSY 438.

PSY 440 Internship

credit 3 hrs.

This is a practicum in community psychology. A supervised field experience in an agency applying psychological principles, theory, and research is available to students with advanced standing.

PROGRAM OF STUDY IN PSYCHOLOGY

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
Math 132	General College Math I	3	MATH 134	General College Math II	3
	Health and Wellness	2	*PSY 222	Afr. American Psychologists	2
	Elective	3	BIO/CHEM/ESC/PHYS	General Science Lecture	3
*PSY 230	General Psychology	3	BIO/CHEM/ESC/PHYS	General Science Lab	1
HIST 130	Intro to Afr. American History	3		Global and Intercultural	3
HASS 111	The College Experience	1	HASS 112	The College Experience	1
Total		18	Total		16

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	SS 232	Critical Thinking & Logic	3
*PSY 213	Careers in Psychology	1	*SS 235	Quantitative Research Methods	3
HASS 221	Professional Pathways Dev	2	PHE 232	Mental Health	3
*SS 230	Statistics in Social Science	3		Minor Requirement	6
FR/SP/AR 233	Intermediate Foreign Language	3	PSY	Psy Elective	3
SOC 339	Cultural Anthropology	3			
Total		15	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*PSY 335	Lab in Psychology	3	*PSY 336	Theory in Personality	3
*PSY 430	Psychological Theory	3	SS 330	Writing and Presenting in SS	3
CJA 333	Victimology	3	PSY	PSY Elective	3
*PSY 331	Social Psychology	3		Minor Requirement	3
SS 236	Qualitative Research Methods	3		Elective	4
	Minor Requirement	3			
Total		18	Total		16

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*PSY 439A	Senior Research Project I	3	*PSY 439C	Senior Research Project II	3
*PSY 431	Abnormal Psychology	3	*SSCJ 440	Internship	3
PSY	PSY Elective	3	PSY	PSY Elective	3
	Elective 300-400 level	3		Elective 300-400 level	3
	Minor Elective	3			
Total		15	Total		12

Total SCH 128

SCH in Major* 36

*Major courses require a "C" or better.

RELIGION COURSES

REL 120 Comparative Religion**credit 2 hrs.**

This course is a comparative study of the world's major religions and how they are interrelated. A genuine appreciation of the tenets of each of the religions will be pursued for the purpose of minimizing historical biases in Western thinking regarding non-Christian religions.

REL 230 Principles of Christian Theology**credit 3 hrs.**

This course introduces the student to the nature, purpose, aims, and content of Christian theological reflection. Sources, methodologies, doctrine and major figures and movements will be examined, both in historical and contemporary settings.

REL 331A Old Testament**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course is intended to give the student an appreciation of the literature, history, basic pre-suppositions, and convictions of ancient Israel as they are reflected in the Old Testament. It further seeks to enable the student to make these presuppositions and convictions relevant to contemporary times.

REL 331C New Testament**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

The course seeks to guide the student toward understanding why Jesus of Nazareth is regarded as the central figure of the movement that produced and is reflected in the New Testament literature. It further seeks to lead the student to an examination of personalities and convictions found in this literature, with an eye toward application relevant to the present. Prerequisite: REL231.

REL 332 Eighth Century Prophets**credit 3 hrs.**

The course is designed to expose the student to the historical context, convictions, writings, and relevance of the great Hebrew prophets. Particular emphasis is placed on Amos, Hosea, Jeremiah, Micah, and Isaiah. Prerequisite: REL 231.

REL/PHIL 333 Philosophy of Religion**credit 3 hrs.**

This course exposes the student to the historical problems and challenges posed by reason to religious belief systems. The relationship between faith and reason will be explored as it relates to theistic arguments, divine knowledge and human free will, miracles, life after death, the problem of evil, religion and science, and religious diversity.

REL 433 The Synoptic Gospels**credit 3 hrs.**

This course will examine the chronological, historical, and theological interrelationship of the four gospels (known as synoptic). Specific attention will be given to the time, place, and cultural milieu out of which each of the gospel authors wrote with a view to a fuller understanding of their differing theological emphasis regarding the Christ event. Prerequisite: REL 232.

REL 335 Public Worship**credit 3 hrs.**

The course is designed to expose the student to the elements in the construction of and leadership in African American formal service of worship, to examine the shape liturgies, to critique pulpit decorum and practice, and to demonstrate acquired expertise in conducting a worship service.

REL 338 Foundations of Christian Education**credit 3 hrs.**

This course is an overview of the biblical, theological, philosophical and psychological foundations of Christian education in the local church. Primary emphasis is placed on the organization, pedagogical and evaluative dimensions of Christian education ministry at all levels of instruction for the purpose of learning to effectively communicate the church's understanding of the faith.

REL 400 Seminar in Religion**credit 0 hrs.**

This course is offered under the Continuing Theological Education Program as a public relations seminar for pastors and the community in religious education.

REL 430 African American Religious History**credit 3 hrs.**

This course examines the religious history of African Americans from their pre-colonial African roots to the contemporary setting. Primary emphasis is given to the religion of the slave and the emergence of the institutional black church for the purpose of providing the student with a foundation for critically assessing the contemporary black church regarding the black liberation struggle.

REL 431 Black Theology**credit 3 hrs.**

This course surveys the origin and development of one of the most controversial theological perspectives in the contemporary period. Primary emphasis will be placed on the historical development in both society and the academy that led to the emergence of a distinctively black theology.

REL 432 The Religious Thoughts of Martin Luther King and Malcolm X **credit 3 hrs.**

This course surveys the life and religious thoughts of two of America's most influential black leaders. Emphasis will be placed on the formative factors that shaped each man's thought and their understanding of the role religion plays in effectuating human liberation.

REL 439 Readings in Religion**credit 3 hrs.**

In this doctoral seminar style course, a classic work(s) author(s) in the field of religion broadly conceived is selected and given a thorough reading for the purpose of honing the pre-theological student's reading comprehension and analytical skills.

SSCJ 439 Special Topics**credit 3 hrs.**

The course is designed to enable faculty to develop interdisciplinary topics of special interest to them and to their students that are not listed in the regular course offerings. This 400-level elective course may be repeated by departmental permission, provided the topic is different. Prerequisite: graduating senior only.

SOCIOLOGY COURSE DESCRIPTIONS**SOC 230 Introduction to Sociology****(DESIGNATED SERVICE-LEARNING COURSE)****credits 3 hrs.**

The course is a survey of the scope, methods, and general principles of sociology. Topics emphasized include culture, group behavior, social interaction, inequality, social institutions, and social change.

SOC 232A Ethnic Identity and Race Relations in the Diaspora**(DESIGNATED SERVICE-LEARNING COURSE)****credits 3 hrs.**

This course focuses on the development of ethnic identity as a unique dimension in the development of the social self within a diverse society. Patterns of race relations are examined throughout the African Diaspora including international patterns of structural inequality.

SOC 239 Urban Demography**credits 3 hrs.**

This course is designed to introduce the students to the basic areas of demography an urbanization such as; fertility, mortality, migration, population aging, the social dynamic of urbanization, urban social structure, and theories of urban development. Finally, the class introduces the use of demographic analysis for urban problem solving and reviews current issues in the field.

SOC 330 Social Problems**credits 3 hrs.**

This course addresses traditional areas of social problems analysis (i.e., poverty, sexism, racism, child abuse, crime, etc.); however, students are encouraged to place the study of social problems in a broader social system context. Seen from this perspective, emphasis is given to the process by which social problems are constructed within society.

SOC 331 Social Psychology**(DESIGNATED SERVICE-LEARNING COURSE)****credits 3 hrs.**

The study of how personality and behavior are influenced by the social context. Topics include socialization, communication, attitudes, interpersonal perception, personal identities, and social interaction. Appropriate for non-majors. This course is cross-listed with Psy 331.

SOC 332 Sociological Theory**credits 3 hrs.**

The foundations of sociological thought are studied through the works of the early theorists Marx, Durkheim and Weber. African American theorists covered include DuBois, Frazier, William Julius Wilson and Elijah Anderson.

SSCJ 333 Social Science Statistics**credits 3 hrs.**

Statistics is approached as a tool in social research and in applied social sciences. Measures of

central tendency and dispersion, probability, tests of significance, and correlation are covered. Prerequisites: Math 132 and Math 134 or Math 138 and Math 140.

SSCJ 334 Research Methods**credits 3 hrs.**

This course will reinforce the scientific methods with emphasis on understanding the basic scientific language/concept learning and potential application, as well as critical evaluation of research. Experimental, observation, and survey research designs are reinforced. Students gain hands-on experience with the steps in the research process. Prerequisite: Math 134 or Math 138 and Math 140

Soc 336A Deviance and Social Control**credits 3 hrs.**

Biological, psychological, and sociological theories of causes of deviance are critically examined with a focus on the social construction of categories of crime and the creation of criminality. Both traditional and contemporary forms of deviance are examined with a focus on the relationship between cultural values and the social processes by which deviance is created and dealt with in the United States. The social construction of categories of crime, public concern, media influence, reform movements and solutions to crime are also covered.

SOC 337 Sociology of Family**credits 3 hrs.**

This is a survey course that covers the social and cultural forces that influence the formation and maintenance of social relationships with special attention to marriage and family forms and functioning. Additionally, the course will compare social/cultural patterns and implications for individuals, groups and society. The course includes (but is not limited to) a focus on social aspects of relationship formation (male selection), familial roles, parental roles, sexuality, gender, and the life cycle among African Americans.

SOC 339 Cultural Anthropology**credit 3 hrs.**

This survey course focuses on the major concepts, theories and methods employed by anthropologists to understand social and cultural aspects of human experience. The course explores world views and belief systems of different people in their particular contexts. The course explores topics such as religion and ritual, language and symbols, gender and families, individual and cultural identity, power and control, violence, conflict, and social change. The course investigates human diversity and culture through a variety of written and visual descriptions of different groups. The investigation of other cultures helps students become more aware of their own cultural patterns and develop a critical perspective of their own cultural biases.

SOC 435 Medical Sociology**credits 3 hrs.**

This course explores cross-cultural concepts of disease. The organization of medical institutions is examined. Social inequality in health care is also covered.

SOC 436A Technology and Social Change**credits 3 hrs.**

This course examines the theories and models of social change and the social implications of emerging and cutting edge technology with an emphasis on recent developments as they relate to sociology and sociological research. The course investigates social movements, collective behavior, and political change related to technology adoption.

SOC 437 Sociology of Education**credits 3 hrs.**

Sociological analysis of education as a basic institution constitutes the course content. Major emphasis includes the formal and informal organization of educational systems, the relationship of education to socialization and the major trends in education.

SOC 438 Social Stratification**credits 3 hrs.**

This course is an analysis of inequalities of social class in the United States. Topics include distribution of wealth, power, occupational prestige, and occupational mobility. Correlates of class such as educational opportunities, health, and family stability are explored.

SSCJ 439 Special Topics**credit 3 hrs.**

The course is designed to enable faculty to develop interdisciplinary topics of special interest to them and to their students that are not listed in the regular course offerings. This 400-level elective course may be repeated by departmental permission, provided the topic is different. Prerequisite: graduating senior only.

SOC 439A The Sociology of Gender**credits 3 hrs.**

This course is designed to introduce the students to the social definitions of gender and the impact of these definitions on women's and men's lives. Specifically, we will examine gender socialization, practices, and inequality in the United States and globally paying particular attention to the influence of gender on interpersonal relationships, family, education, the workplace, and other pertinent areas of social life. Concepts such as feminist theory, human sexuality, power, macro and micro social issues will also be covered.

INTERDISCIPLINARY STUDIES COURSE DESCRIPTIONS

The Bachelor of Arts in Interdisciplinary Studies

The Bachelor of Arts in Interdisciplinary Studies at Benedict College is designed to provide educational opportunities for adults and nontraditional students. Persons from various fields, backgrounds, and employment histories are offered a chance to complete their bachelor's degree. Often a degree for these individuals is necessary in order to obtain employment and to foster career enhancement. The interdisciplinary studies degree exposes students to a plethora of courses and learning experiences that are rooted in interdisciplinary perspectives. Students are allowed the flexibility to develop a course of study that is consistent with, and appropriate to their goals, and career objectives. Part of the conditions for earning the degree is that the student is expected to complete the College's general education requirements, an interdisciplinary core, coursework in at least two disciplines, and a capstone experience. The totality of these experiences and others, prepare candidates for graduation with the essential tools to integrate multiple perspectives in the solution of problems, to think critically, and to articulate the fundamental principles that undergird each discipline and the field of interdisciplinary studies.



COURSE DESCRIPTIONS**INTD 111, 112 and 221 Seminars****credit 4 hrs.**

(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

INTD 320 Argumentation and Debate**credit 2 hrs.**

This course examines techniques for analyzing and constructing arguments.

INTD 330 Academic City**credit 3 hrs.**

This course is designed to present the student with an opportunity to explore a city within the United States or abroad from an interdisciplinary perspective. Attention is given to understanding the political, economical, sociological, and cultural significance of the city. Factors such as climate, race, ethnicity, technology, transportation, population, and education are explored. In addition, challenges and opportunities of the citizenry are explored.

INTD 332 International Exploration in Interdisciplinary Studies**credit 3 hrs.**

This course permits the student to study relationships among people from other lands/countries employing interdisciplinary and interdependent perspectives. With the approval of the course professor, each student will select a city or country and explore the city/country's politics, economics, language, culture, racial and ethnic make-up, population, education, public health, religion, transportation system, technology programs, and so forth.

INTD 333 Foundations of Interdisciplinary Studies**credit 3 hrs.**

This course serves as a gateway to the field of interdisciplinary studies. It provides a comprehensive coverage of the philosophy, research, practices, processes and theories that undergird the field of interdisciplinary studies. (Students can substitute this course for INTD 430).

INTD 334 Introduction to Statistics in Interdisciplinary Studies**credit 3 hrs.**

An introduction to basic statistical concepts and their relationship to research in the solution of problems in social and behavioral sciences.

INTD 337 Professional Public Speaking**credit 3 hrs.**

This course is primarily designed for those students who seek public speaking competency for advancement in their career or public speaking competency as a profession.

INTD 338 Argumentation and Debate in Interdisciplinary Studies**credit 3 hrs.**

This course examines techniques for analyzing and constructing arguments. Attention is given to skills in effective argumentation, analyzing, briefing, evidencing, reasoning, refuting and debating. Vital questions are addressed in a lively and challenging classroom setting.

INTD 340 International Explorations**credit 4 hrs.**

This course permits students to explore a city outside the United States or a country other than the United States from an interdisciplinary perspective. Attention is given to understanding the political and sociological significance of a number of factors that characterize the city or country including weather, socio-economic levels, mix of racial and ethnic groups, technological and transportation infrastructures, opportunities and challenges of the international city/country.

INTD 430 Introduction to Interdisciplinary Studies**credit 3 hrs.**

This course serves as a foundation for students pursuing a major in interdisciplinary studies. It is designed to provide the student with a broad general introduction to the field. Attention is given to the philosophy, research, practices, processes, and theories that undergird the field of interdisciplinary studies. In addition, some of the major characteristics of an interdisciplinarian are reviewed and discussed. (Students can substitute this course for INTD 430).

INTD 431 Contemporary Problems and Issues in Interdisciplinary Studies**credit 3 hrs.**

This course provides opportunities for students to further enhance their research, critical thinking, and reasoning skills by exploring contemporary national and international topics of debate.

INTD 432 Effective Strategies for Intellectual Independence**credit 3 hrs.**

This course is a continuation of INTD 431. This course is designed to further enhance reasoning, critical thinking, and research skills through reading and writing. Under the supervision of the thesis advisor and an instructor with expertise in the appropriate discipline, the students will engage in extensive research culminating in a scholarly research thesis which addresses a current issue. The required senior paper should be incorporated into the scholarly research experience.

INTD 433 Research Strategies and Technology**credit 3 hrs.**

This course incorporates competencies in research methodology and technological literacy. The required electronic portfolio and Senior paper should be incorporated into the scholarly research experience.

INTD 434 Capstone/Internship**credit 3 hrs.**

This course includes the Senior paper and defense, articulation of content area correlation, and electronic portfolio. A draft of the thesis/portfolios must be completed by mid-semester. All thesis/portfolios must be completed and defended prior to graduation.

INTD 435 Introduction to Research in Interdisciplinary Studies**credit 3 hrs.**

An introduction to basic research methods in interdisciplinary studies including research tools, topic selection, data collection, data analysis, technology usage and software applications.

INTD 436 Statistics in Interdisciplinary Studies**credit 3 hrs.**

An introduction to the use of statistical information and the relationship between research and procedures used to analyze research data.

IDS 315 Special Problems**credit 1 hr.**

Open to qualified students to develop a problem solution such as a thesis paper through advanced study under the direction of a member of the faculty.

IDS 326 Special Problems**credit 2 hrs.**

Open to qualified students to develop a problem solution through advanced study under the direction of a member of the faculty.

IDS 339 Academic Literacy in Interdisciplinary Studies**credit 3 hrs.**

This course is designed to cultivate students' academic writing skills and employ processes and theoretical rationale involved in writing, reading and research. Multiple topics are covered and self-discipline is mandatory regarding attendance, class participation, and preparation of this course.

IDS 423 Directed Study**credit 2 hrs.**

Guided and intensive study in a special area of interdisciplinary studies.

IDS 432 Special Problems**credit 3 hrs.**

Open to qualified students to develop a problem solution through advanced study under the direction of a member of the faculty.

IDS 435 Independent Study**credit 3 hrs.**

A course that provides opportunity for students to develop and plan jointly with the course professor individualized projects or experiences which relate to interdisciplinary studies, a major concentration or core, career interests and preparation of the student.



Concentration in Public Safety Administration and Management (PSAM)

The PSAM program concentration is designed for the public safety professional. It will provide the public safety professional with the knowledge and skills necessary to work with the general public, manage change in an organization, create innovation in organizations and utilize communication skills to solve social and organizational problems.

The target audiences for this concentration are the working professionals in emergency management services, fire and rescue services, law enforcement, corrections, homeland security, the armed forces, and other public safety professionals. This concentration focuses on the industry-specific knowledge that the field requires. The PSAM concentration provides the student with the administrative and management skills, knowledge and abilities that are required for career advancement. It is also designed to directly benefit the nontraditional populations and working public safety professionals who are seeking a career or promotional advancement in the public safety industries. The curriculum integrates training in administration, leadership and management applications with a moral and social perspective that prepares the public safety professional to make sound value judgments in their professional and personal lives.



COURSE DESCRIPTIONS**PSA 330 Introduction to Public Safety Administration and Management****credit 3 hrs.**

This course serves as an overview for the field of Public Safety Administration and Management. Attention is given to the administrative, managerial and leadership components of public safety organizations and agencies. Coordinated public safety approaches, 911 world views, ethical foundations, critical thinking, analysis, decision-making, and innovative solutions for pragmatic public safety problems are addressed.

PSA 331 Contemporary Issues and Challenges in Public Safety Administration**credit 3 hrs.**

This course focuses on current challenges, issues and trends in the field of public safety administration and management.

PSA 430 Survey of Public Safety**credit 3 hrs.**

This course provides the student with a broad level of exposure to public safety issues and challenges. Attention is placed upon identifying and determining public needs and providing appropriate service delivery through program research and community input supported by budgeting and funding. Learning will be directed toward a comprehensive service delivery models involving multidisciplinary approaches.

PSA 431 Administrative Law**credit 3 hrs.**

This course examines the workings of administrative agencies and their power to make and enforce rules along with their power to investigate and adjudicate alleged violations. Attention is given to the means by which government administrators interact with these agencies and the constantly changing rules that are promulgated by administration agencies.

PSA 432 Public Finance**credit 3 hrs.**

This course provides the student with a firm understanding of all elements of public finance, from budget development to financial management, and from procurement to accounting and auditing. In addition, the course explores alternative sources of public safety funding available to local entities.

PSAM 330 ProSeminar on Interagency Interoperability, Cooperation, Coordination and Communication**credit 3 hrs.**

This course focuses on the need and ability of emergency responders to work seamlessly with other systems and to share information via voice and data signals on demand, in real time, when needed and as authorized within and across agencies. Attention is given to the emergency responders' ability to respond to catastrophic accidents or disasters and to work effectively together. Attention is also given to the public safety professionals' ability to plan for major predictable events such as super bowl, or in inauguration, or for disaster relief and recovery efforts.

PSAM 331 Computer Applications in Public Safety**credit 3 hrs.**

This course focuses on selected computer applications important to the public safety professional and other current computer applications important to day-to-day functioning (power-point, access, excel, spreadsheets and so forth).

PSAM 332 Ethics in Public Safety**credit 3 hrs.**

Course explores the case issues and philosophies as they relate to personal and professional accountability in the public safety environment.

PSAM 333 Public Safety and Human Resource Management**credit 3 hrs.**

This course examines policies, behavior, and motives affecting recruiting, training evaluations, and current legal issues in human resources as they pertain to the administration and management of public safety personnel.

PSAM 334 Cultural Diversity in Public Safety**credit 3 hrs.**

This course explores the identification and analysis of various cultures and their diverse historical, economic and societal variations within the context of the public safety sector.

PSAM 336 Administration and Management in Public Safety**credit 3 hrs.**

This course looks at the importance of effective planning, organizing, administering and managing every facet of the public safety environment. Attention is given to managing and supervising employees, management and leadership styles and theories.

PSAM 4300 Strategic Planning in the Public Safety Environment **credit 3 hrs.**

Strategic Planning for Public Safety Environment addresses the interests and needs of those currently working as professionals in the public safety arena. Attention is given to the fundamentals of strategic planning, and the application of strategic analysis and planning in the public safety environment. This course introduces the student to the development of strategic plans, the process of determining long term and short-term goals and the management of public safety programs.

PSAM 431 Management and Leadership in Public Safety **credit 3 hrs.**

This course prepares candidates for public service leadership positions. Using readings, case studies, simulations, large and small group instructional strategies, candidates are presented with an array of management and leadership situations to work through with the class. The course enrollees are trained to address some of the most pressing issues regarding public safety facing the general public today and in the future.

PSAM 432 Human and Community Services Delivery **credit 3 hrs.**

This course surveys varying models and applications of public safety service delivery systems deployed throughout the United States.

PSAM 433 Counteracting Terrorism **credit 3 hrs.**

This course explores the current issues, shortcomings in public safety, preparation and proposed solutions strategies to address threats of terrorism in the United States are presented in the course.

PSAM 434 Risk Management in the Public Safety Environment **credit 3 hrs.**

This course helps the students to foresee and manage risk in the public safety environment. The course focuses on the student being able to plan and analyze likely risks with both high and low impact and to develop mitigating strategies to help avoid being derailed should problems arise.

PSAM 435 Critical Incidents and Cross-Agency Coordination **credit 3 hrs.**

This course develops broad-based contingency planning and strategies, policies, and procedures that coordinate the activities of local, state, and federal agencies in response to critical incidents. Create models of cross-agency coordination that anticipate critical incident response.

PSAM 436 Weapons of Mass Destruction and Disaster Response **credit 3 hrs.**

This course examines all types of weapons of mass destruction and biological and chemical threats and disasters, and how to respond to such incidents. Enhance the enrollees understanding of the National Incident Management System (NIMS) and the Nation's Incident Command System, as well as their role in the response to and management of disasters.

PSAM 437 Computer Forensics **credit 3 hrs.**

This course explores basic approaches to analyzing information systems for evidence of illegal or inappropriate activities, and considers the legal, ethical, and policy implications of using forensic techniques to monitor technology systems.

PSAM 438 America's Homeland Security **credit 3 hrs.**

This course surveys the historical development, creation and purposes of the Department of Homeland Security and the corresponding National Strategy for Homeland Security as well as the effectiveness of such policies within a democracy.

PSAM 439 Senior Capstone for Public Safety Management **credit 3 hrs.**

This capstone course is designed to help the student synthesize the administration and management theories related to public safety and develop a major research paper or a project that is shared with class, the faculty, and a jury of experts.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHYS	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHYS	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
	Health and Wellness	2		Elective	6
*CSC 131	Introduction to Computers	3			
Total		15	Total		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Cultural	3
	Global and Intercultural	3	ENG 239	Language, Literacy, & Power	3
INTD 111	The College Experience I	1		Elective	11
	Elective	8			
Total		15	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
	Foundations of Interdis.			Argumentation and Debate in Interdis. Studies	
*INTD 333/INTD 430	Studies or Intro to Interdis. Studies	3	*INTD 338		3
*IDS 339	Academic Literacy in Interdis. Studies	3	*INTD 334	Intro to Statistics in Interdis. Studies	3
*INTD 337	Professional Public Speaking	3	*INTD 435	Intro to Research in Interdis. Studies	3
INTD 112	The College Experience II	1		Elective	9
ENG 334	Modern English Grammar	3			
	Elective	4			
Total		17	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 431	Contemp. Problems & Issues	3	*INTD 434	Capstone/Internship	3
*INTD 433	Research Strategies & Tech.	3		Elective	9
INTD 221	Professional Pathways Dev.	2			
	Elective	8			
Total		16	Total		12

Total SCH 128

SCH in Major* 30

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

Interdisciplinary Studies majors will be encouraged to pursue a concentration, minor, or second field in another discipline such as: Applied Computing, Business Administration, Cyber Security, Public Safety, Education, Psychology, etc.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor or program director.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

Concentration: Business Administration

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140	Pre Calculus/Business Calculus	4
BIO/CHEM/ESC/PHYS	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHYS	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
	Health and Wellness	2	*BA 130	Introduction to Business	3
CSC 132	Intro to Computing Concepts	3			
Total		15	Total		16

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Intercultural	3
	Global and Intercultural	3	*EC 231	Microeconomics	3
*EC 230	Macroeconomics	3	*BA 235/MATH 236	Business Statistics/Prob & Stat	3
*BA 230	Business Application Software	3	*BA 237	Business Law	3
*BA 231	Business Communication	3	*ACC 232	Prin of Managerial Accounting	3
*ACC 231	Principles of Accounting	3	SBS 232	Critical Thinking	3
INTD 111	The College Experience	1			
Total		19	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 333/INTD 430	Foundations of Interdis. Studies or Intro to Interdis. Studies	3	INTD 338	Argumentation and Debate in Interdis. Studies	3
*IDS 339	Academic Literacy in Interdis. Studies	3	*INTD 334	Intro to Statistics in Interdis. Studies	3
*INTD 337	Professional Public Speaking	3	*MKT 330	Principles of Marketing	3
INTD 112	The College Experience II	1	*FIN 330	Principles of Finance	3
*BA 330	Quantitative Methods	3	*MGT 330	Principles of Management	3
BA 360/SOC 433/INTD 435	Sen. Proj. I or Applied Research I or Intro to Research in Interdis. Studies	3	ENG 334	Modern English Grammar	3
Total		16	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 431	Contemp. Problems & Issues	3	*INTD 434	Capstone/Internship	3
*INTD 433	Research Strategies & Tech.	3	*MGT 437	Business Policy	3
INTD 221	Professional Pathways Dev.	2		Business Elective	6
BA 433	International Business	3			
*BUS	Business Elective	3			
Total		14	Total		12

Total SCH 128

SCH in Major* 66

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor and program's director.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

Concentration: Public Safety Administration and Management

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHYS	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHYS	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
	Health and Wellness	2	CSC 131	Introduction to Computers	3
	Elective	3			
Total		15	Total		15

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Intercultural	3
	Global and Intercultural	3	ENG 334	Modern English Grammar	3
ENG 239	Language, Literacy, & Power	3	INTD 111	The College Experience	1
	Elective	6		Public Safety Elective	6
				Elective	4
Total		15	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 333/INTD 430	Foundations of Interdis. Studies or Intro to Interdis. Studies	3	INTD 435	Intro to Research in Interdis. Studies	3
*IDS 339	Academic Literacy in Interdis. Studies	3	*PSAM 330	Pro Seminar in Interagency, Interoperability, Coord. and Communication	3
INTD 338	Argumentation and Debate in Interdis. Studies	3	*PSAM 331	Computer Application in Public	3
*PSA 330	Introduction to Public Safety	3	*PSAM 334	Cultural Diversity in Public	3
*PSAM 333/MGT 335	Pub. Safety & HR Mgt or HR Resources Mgt.	3	INTD 337	Professional Public Speaking	3
*INTD 334	Intro to Statistics in Interdis. Studies	3	*INTD 431	Contemp. Problems & Issues	3
INTD 112	The College Experience II	1			
Total		19	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*PSAM 431	Mgt & Leadership in Pub Safety	3	*INTD 434/PSAM 439	Capstone/Internship or Senior Capstone for Pub Safety	3
*INTD 433	Research Strategies & Tech.	3	MGT 431	Labor Relations	3
INTD 221	Professional Pathways Dev.	2	*PSA 431	Administrative Law	3
PSAM	Public Safety Elective	6	*PSAM 433	Counteracting Terrorism	3
				Elective	3
Total		14	Total		15

Total SCH 128
 SCH in Major* 42

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor and program's director.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

MINOR: Entrepreneurship

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHYS	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHYS	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
	Health and Wellness	2			
CSC 131	Introduction to Computers	3			
Total		15	Total		12

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Intercultural	3
	Global and Intercultural	3	ENG 239	Language, Literacy, & Power	3
*MGT 338	Entrepreneurship	3		Elective	12
ENG 334	Modern English Grammar	3			
	Elective	6			
INTD 111	The College Experience I	1			
Total		19	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
	Foundations of Interdis.			Argumentation and Debate in	
*INTD 333/INTD 430	Studies or Intro to Interdis. Studies	3	*INTD 338	Interdis. Studies	3
*IDS 339	Academic Literacy in Interdis. Studies	3	*INTD 334	Intro to Statistics in Interdis. Studies	3
*INTD 337	Professional Public Speaking	3	*INTD 435	Intro to Research in Interdis. Studies	3
*MGT 341	Strategic Mgt & Accounting for Entrepreneurs	3	*MGT 339	Ethical, Legal, & Environmental Considerations	3
CSC 239	Introduction to Multimedia	3		Elective	6
INTD 112	The College Experience II	1			
Total		16	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 431	Contemp. Problems & Issues	3	*INTD 434	Capstone/Internship	3
*INTD 433	Research Strategies & Tech.	3	*MGT 339/431/432	Internet Mkt or Personal Selling or Negotiation Fund.	3
*MGT 342	Funding Sources for Entrepren.	3		Elective	8
INTD 221	Professional Pathways Dev.	2			
	Elective	5			
Total		16	Total		14

Total SCH 128

SCH in Major* 42

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor and program's director.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

MINOR: Education

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHYS	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHYS	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
	Health and Wellness	2	*ED 130	Hist/Phil Foundations of Educ.	3
CSC 131	Introduction to Computers	3			
Total		15	Total		15

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Intercultural	3
	Global and Intercultural	3	ENG 239	Language, Literacy, & Power	3
*EDU 230	Human Growth and Dev.	3		Elective	12
ENG 334	Modern English Grammar	3			
	Elective	6			
INTD 111	The College Experience I	1			
Total		19	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 333/INTD 430	Foundations of Interdis. Studies or Intro to Interdis. Studies	3	*INTD 338	Argumentation and Debate in Interdis. Studies	3
*IDS 339	Academic Literacy in Interdis. Studies	3	*INTD 334	Intro to Statistics in Interdis. Studies	3
*INTD 337	Professional Public Speaking	3	*INTD 435	Intro to Research in Interdis. Studies	3
*EDSE 330	The Exceptional Child	3	*ED 230	Creating Culturally Relevant Classrooms	3
CSC 239	Introduction to Multimedia	3		Elective	6
INTD 112	The College Experience	1			
Total		16	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 431	Contemp. Problems & Issues	3	*INTD 434	Capstone/Internship	3
*INTD 433	Research Strategies & Tech.	3		Elective	9
*EDU 337	Diversity, Soc. Justice and 21st Century Learner	3			
INTD 221	Professional Pathways Dev. Elective	2			
		4			
Total		15	Total		12

Total SCH 128

SCH in Major* 42

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor and program's director.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

MINOR: Child and Family Development

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHY	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHY	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language Elective	3
	Health and Wellness	2			6
CSC 131	Introduction to Computers	3			
Total		15	Total		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Intercultural	3
	Global and Intercultural	3	ENG 230	Advanced Composition	3
*EDU 230	Human Growth and Dev.	3	*CFD 230	Intro to Early Childhood Elective	3
ENG 334	Modern English Grammar	3			9
	Elective	6			
INTD 111	The College Experience I	1			
Total		19	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
	Foundations of Interdis.			Argumentation and Debate in Interdis. Studies	
*INTD 333/INTD 430	Studies or Intro to Interdis. Studies	3	*INTD 338		3
*IDS 339	Academic Literacy in Interdis. Studies	3	*INTD 334	Intro to Statistics in Interdis. Studies	3
			*INTD 435	Intro to Research in Interdis. Studies	3
*INTD 337	Professional Public Speaking	3	*CFD 334	Parent Edu. and Guidelines Elective	3
*CFD 333	Marriage & Family Relationships	3			6
INTD 112	The College Experience II	2			
Total		14	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 431	Contemp. Problems & Issues	3	*INTD 434	Capstone/Internship	3
*INTD 433	Research Strategies & Tech.	3	INTD 221	Professional Pathw ays Dev.	2
*EDU 337	Diversity, Soc. Justice and 21st Century Learner	3		Elective	8
	Elective	4			
Total		13	Total		13

Total SCH 128
 SCH in Major* 42

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor and program's director.

PROGRAM OF STUDY IN INTERDISCIPLINARY STUDIES

MINOR Applied Computing

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy &	3
MATH 132	General College Math I	3	MATH 134	General College Math II	3
BIO/CHEM/ESC/PHY	General Science Lecture	3	HIST 130	Afr. American History	3
BIO/CHEM/ESC/PHY	General Science Lab	1	FR/SP/AR 233	Intermediate Foreign Language	3
	Health and Wellness	2		Elective	6
*CSC 131	Intro to Computers	3			
Total		15	Total		18

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3		Global and Intercultural	3
*CSC 239	Intro to Multimedia	3	*ENG 239	Language, Literacy, and Power	3
	Elective	9	CEP 320	Elective	12
INTD 111	The College Experience I	1			
Total		16	Total		18

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
	Foundations of Interdis.				
*INTD 333/INTD 430	Studies or Intro to Interdis. Studies	3	*INTD 338	Argumentation and Debate in Interdis. Studies	3
*IDS 339	Academic Literacy in Interdis. Studies	3	*INTD 334	Intro to Statistics in INTD	3
*INTD 337	Professional Public Speaking	3	*INTD 435	Intro to Research in INTD	3
*MGT 332	Business Information	3	*MKT 339	Internet Marketing	3
*ENG 334	Modern English Grammar	3		Elective	6
INTD 112	The College Experience II	1			
Total		16	Total		18

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*INTD 431	Contemp. Problems & Issues	3	*INTD 434	Capstone/Internship	3
*INTD 433	Research Strategies and Tech.	3	*MASS 431	Digital Imaging Technology	3
*CSC 335/CSC 434	File Organization and Proc or Database Mgt.	3		Elective	8
INTD 221	Professional Pathways Dev.	2			
	Elective	2			
Total		13	Total		14

Total SCH 128

SCH in Major* 51

See degree audit sheet for an explanation of the requirements for the core, major, and elective courses.

A grade of "C" or better is necessary for any course used to satisfy the requirement of the major, minor, concentration, or second field.

Course substitutions will be permitted with the approval of the student's advisor and program's director.

**BIOLOGY, CHEMISTRY, AND ENVIRONMENTAL HEALTH SCIENCES DEPARTMENT
MISSION**

The Biology, Chemistry and Environmental Health Sciences Department offers majors in biology and environmental health science. The Biology, Chemistry, and Environmental Health Sciences Department is committed to producing leaders in the fields of biology, chemistry, and environmental health science. Recognizing the crucial role in science, the Biology, Chemistry and Environmental Health Sciences Department provides research opportunities to all interested and qualified students as part of their undergraduate education. The department also offers courses that satisfy the senior research paper requirement and the General Education and Service Learning requirements for the college.

SERVICE-LEARNING

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Honors Courses

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn honors credits in designated General Education courses or in regular classes.

Students interested in more information should confer with the Honors Program Director. The Honors course offered in this department is BIO 438H Cell and Molecular Biology.

DEPARTMENTAL SENIOR PAPER REQUIREMENT

All students majoring in biology, chemistry or environmental health science at Benedict College are required to complete a senior research paper under the supervision of a faculty member. A senior research paper using standard AIBS scientific writing style followed by an oral presentation to the faculty is required. Senior Research Paper courses are: BIO 421 and BIO 422 (Senior Research in Biology I and II) for students majoring in biology; CHEM 430 (Senior Research in Chemistry) for students majoring in chemistry; and ESC 441 (Research or Directed Individual Study) for students majoring in environmental health science.

COURSES FOR SCIENCE, TECHNOLOGY, AND ENGINEERING MAJORS**SCI 221 Professional Pathways Development in Chemical Science** **credit 2 hrs.**

This course is designed to provide the students with career guidance and an overview of current trends in chemical science. Topics for professions in teaching, research, industry, and health care will be explored. Students will search industries, local employers, job titles, and job sites for employment opportunities and required preparation for specific careers in chemical sciences.

SCI 222 Professional Pathways Development in EHS **credit 2 hrs.**

This course is designed to provide the students with career guidance and an overview of current trends in environmental health science. Topics for professions in teaching, research, industry, and health care will be explored. Students will search industries, local employers, job titles, and job sites for employment opportunities and required preparation for specific careers in environmental health science.

SCI 230 Biomedical Research Techniques **credit 3 hrs.**

This course presents a variety of scientific laboratory techniques in a problem-oriented laboratory setting. Among the topics to be covered are laboratory safety, humane use of animals, accurate measurement of volumes and weights, and various techniques involving the understanding of proteins and nucleic acids. The course provides an overview of the current literature, experimental design, statistical analysis, and publication preparation. Prerequisite: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor.

SCI 238 Undergraduate Research in Biology **credit 3 hrs.**

This course is designed to enhance the undergraduate curriculum in biology by providing students with the opportunity to engage in the discussion and analysis of research topics from peer-reviewed journals. Research topics will range from global warming, gene therapy, to molecular biology. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor.

SCI 330 Methods and Materials for Teaching Science **credit 3 hrs.**

The course is designed to present the methodologies of teaching sciences in secondary schools.

Consideration is given to the organization of course content and emphasis is placed on methods and materials which provide for differentiated instruction. Methodologies and strategies for teaching the handicapped are included with emphasis on teaching reading. The selection, utilization, production, and evaluation of audio-visual materials and selected technological aids are also stressed. Required for science teaching majors. Twenty (20) hours of practicum are and three (3) 1-hour lecture periods are required. Prerequisite: Permission of the Instructor.

SCI 424 Special Topics in Biology**credit 2 hrs.**

Study and discussion of selected topics in biology. Content will vary, as this course is a means for classes to explore certain biology-related topics in depth. Classes may be taught by visiting professors. Prerequisite: BIO 137, BIO117L, BIO 138, BIO 118L, or Permission of the Instructor.

STEM 130 History of Biology**credit 3 hrs.**

This course examines the development of biology in society. The course will cover the earliest scientific ideas, progressing to the state of biology in the modern era and beyond. A philosophical analysis of the advances, functions, and implications of biology in society is used to study how biology has changed over time, and how these changes have influenced our world. The discussion addresses issues such as societal attitudes toward science, the achievements of key scientists, and the effect on future generations of today's social policies regarding science.

STEM 131 Critical Thinking in Biology**credit 3 hrs.**

The course is designed to introduce students to elements of critical thinking in biology. The course will include papers and review articles demonstrating how critical thinking works. Students will serve as discussion leaders critically evaluating a scientific paper on a particular topic. The goals of the course are to help students understand what they are reading and presenting, and to deepen their understanding of materials presented through discussion and by formulating questions. Students will also learn how to think inductively and deductively in formulating hypotheses/questions from the material presented, while designing experimental approaches with controls, and considering the ramifications of both positive and negative results of questions. This is critical in building a way of thinking that will help students to achieve a perspective in biology from which they could build in the future.

STEM 133 Science and Religion**credit 3 hrs.**

The contemporary debate on intelligent design and stem cell research demonstrate that the age-old debate between science and religion is still very much still alive. This course will examine fundamental philosophical, ethical and historical questions between religion and science. The course will examine ways in which Western and non-Western religions and science collide, coexist and influence each other.

STEM 225 Professional Pathways Development in Biological Sciences **credit 2 hrs.**

This course is designed to provide the students with career guidance and an overview of current trends in biological sciences. Topics for professions in teaching, research, industry, and health care will be explored. Students will search industries, local employers, job titles, and job sites for employment opportunities and required preparation for specific careers in biological sciences.

STEM 230 Scientific Writing**credit 3 hrs.**

This course is an orientation to the use of scientific literature and scientific writing. Topics to be covered include computerized literature searches and the preparation of bibliographies, use of abstracts and indices, reading and summarizing scientific literature, and preparation of scientific manuscripts including lab reports, research papers and journal articles in correct scientific form. Students will be trained in the use of word-processing, computer data base search, and the use of technologies as higher order thinking and problem-solving skills. Prerequisites: ENG 1310, and one of the listed courses from student's program of study - BIO 137, BIO 117L, and ENG 131, or Permission of the Instructor.

STEM 233 Introduction to Data and Graph Analysis**credit 3 hrs.**

This course will cover the basic principles, methods, logic and the language of statistics relevant to the fields of science, technology, engineering and mathematics. Many of the topics will be selected from health-related areas. Topics will include introduction to statistics and probability. Students will use technology and become familiar with analyzing data using statistical software packages. Prerequisite: MATH 140.

STEM 331 Ethics in Science**credit 3 hrs.**

Ethics in Science aims to provide formal training in the ethical questions and problems that arise in scientific and professional environments. Emphasis will be placed on reasoning through conflicts and arguments through discussion, written assignments, and oral presentations. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor.

STEM 337 Biology and Human Behavior**credit 3 hrs.**

Biology and Human Behavior is designed to help understand the complexity of the human experience. A select set of theories that understand how individuals and communities develop and interact. The course will focus on key biological theories that explore the brain, body and environment that help to understand the dimensions and expression of human behavior at different stages of human development. Prerequisites: BIO 137, BIO 138, BIO 138, BIO 118L, or Permission of the Instructor.

STEM 328 Career Entrance Exams Preparation**credit 2 hrs.**

This will be a team-taught course for biology majors. The course content will include senior Exit Exam, GRE, DAT, MCAT and other standardized exam preparation activities. The course is designed to strengthen the knowledge base in the sub score areas and assessment indicator items on these standardized examinations and will prepare the students for their career placement after graduation. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor.

BIOLOGY COURSES**STEM 111 and STEM 112 The College Experience I and II****credit 1 hr. each****BIO 130 General Biology****credit 3 hrs.**

General Biology is an integrated service course in the biological sciences including botany and zoology. Topics include taxonomy, anatomy, physiology, genetics, and ecology. This course does not count for credit toward the Biology major requirements. Science majors should take BIO 137 and BIO 117L and BIO 138 and BIO 118L.

BIO 110L General Biology Lab**credit 1 hr.**

General Biology Lab is an integrated hands-on service course in the biological sciences. Topics include lab safety, metric system, scientific method, study of chemical reactions, microscopy, study of cell structure and function, study of mitosis in animal and plant cells, taxonomy, genetics, and dissection of animal and plant specimens. This course runs concurrently with General Biology lecture (BIO 130). This course does not count for credit toward biology major requirements. Two laboratory hours per week.

BIO 137 Principles of Biology I**credit 3 hrs.**

This course is an introduction to the study of biology and is intended for biology majors. Basic principles common to all living things are emphasized. Topics covered include: scientific method, the chemical basis of life, cell theory, genetics, heredity, ecology and natural selection. Three 1-hour lecture periods. Grade of "C" or above required.

BIO 117L Principles of Biology I Laboratory**credit 1 hr.**

This course is an introduction to the biology laboratory including laboratory safety, scientific methodology, measurement techniques and analysis, basic life chemistry, cell structure and function, fundamentals of heredity, taxonomy and the diversity of life. Weekly laboratory reports and a lab final are included. Three laboratory hours per week. Grade of "C" or above required.

BIO 138 Principles of Biology II**credit 3 hrs.**

(DESIGNATED SERVICE-LEARNING COURSE)
A continuation of Principles of Biology I. Topics covered include: prokaryotic and eukaryotic metabolic pathways, the anatomy and physiology of organ systems in plants and animals, and evolutionary patterns in the Metaphyta and Metazoa. Prerequisites: BIO 137 and BIO 117L. Grade of "C" or above required.

BIO 118L Principles of Biology II Laboratory**credit 1 hr.**

A continuation of BIO 117L. Topics include photosynthesis, nutrition, gas exchange, internal transport, neurons and neural control, chemical control and ecology. Weekly laboratory reports and a lab final are included. Prerequisite: BIO 1170L. Three laboratory hours per week. Grade of "C" or above required.

BIO 212 Medical Terminology credit**credit 1 hr.**

This course is designed to increase students' knowledge and usage of medical and scientific terminology by examining stems, prefixes, and suffixes. One hour per week. Grade of "C" or above required.

BIO 233 Human Anatomy and Physiology I**credit 3 hrs.**

The structural and functional characteristics of the human ten-organ system are covered. Basic concepts of the human body are presented to non-science majors. Principal topics covered include levels of organization, support, movement, and integration. Three 1-hour lecture periods. This course does not count as a biology elective for biology major or minor requirements. Prerequisites: BIO 130 and BIO 110L or Permission of the Instructor. Grade of "C" or above required.

BIO 234 Human Anatomy and Physiology II**credit 3 hrs.**

A continuation of Human Anatomy and Physiology I. Topics covered include coordination, processing, transportation, and reproduction. Three 1-hour lecture periods. This course does not count as a biology elective for biology majors or minors. Prerequisite: BIO 233 with a grade of "C" or better. Grade of "C" or above required.

BIO 238 Genetics**credit 3 hrs.**

An introduction to transmission and biochemical genetics is presented. Selected topics in population genetics are treated. Emphasis is placed on aspects of genetics which relate to human health and to current social issues. Prerequisite: BIO 138. Grade of "C" or above required.

**BIO 218L Genetics Lab
(DESIGNATED SERVICE –LEARNING COURSE)****credit 1 hr.**

This course provides hands-on laboratory experience in genetic probability, DNA extraction and agarose gel electrophoresis, human fingerprinting patterns, bacteria mutagenesis, genetic drift, and applied human genetics. Laboratory safety is reviewed. Submission of two formal laboratory reports is required for this course. Both classical and modern-day genetic techniques will be used. Prerequisite: BIO 118L. Three laboratory hours per week. Grade of "C" or above required.

BIO 239 Botany**credit 3 hrs.**

This course introduces the classification, relationships, structure, and function of plants. Topics include structure and function of plant cells, tissues, and organs such as roots, stems, leaves, and flowers, reproduction and development of seed and non-seed plants, levels of organization, form and function of systems. Upon completion, students should be able to demonstrate comprehension of plant form and function, including both seed and non-seed plants. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor. Grade of "C" or above required.

BIO 219L Botany Lab**credit 3 hrs.**

The laboratory will focus on the evolutionary relationships among different plant families, learning of key characteristics to aid in plant identification, and understanding the economic/medicinal/cultural/agricultural importance of specific plant groups. Lab will include plant growth regulation, plant hormones, plant embryos and seed plant body. Three laboratory hours per week. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor. Grade of "C" or above required.

BIO 240 Biotechnology Lab/Lecture**credit 4 hrs.**

This combined course will integrate hands-on biotechnology laboratory experience with a lecture component that will include research in the field. Topics covered include pharmaceutical development, medical treatments, agricultural advances, food processing, and diagnostic tests for diagnosing cancers and other diseases. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, or Permission of the Instructor. Grade of "C" or above required.

BIO 330 Evolution**credit 3 hrs.**

This course is a study of the theory of evolution and of the processes involved. The development of the concept of evolution and its influence on other aspects of science are emphasized. Theories concerning the origin of life and the organisms found in geological periods are included. Basic concepts of population genetics will be introduced. Prerequisites: BIO 138 and BIO 118L or Permission of the Instructor. Grade of "C" or above required.

BIO 331 Comparative Anatomy**credit 3 hrs.**

The structural, functional, and phylogenetic relationships among chordates are presented using representative examples. Emphasis is focused on the taxonomy, integument, skeletal, muscular

and nervous systems of vertebrates. Prerequisites: BIO 138 and BIO 118L. Three 1-hour lectures per week. Grade of "C" or above required.

BIO 311L Comparative Anatomy Lab**credit 1 hr.**

The structural, functional, and phylogenetic relationships among chordates are presented using representative specimens, microscopy, models, and dissection. Emphasis is focused on the taxonomy, integument, skeletal, muscular and nervous systems of vertebrates. Three laboratory hours per week. Prerequisite: BIO 118L. Grade of "C" or above required.

BIO 332 Immunology**credit 3 hrs.**

This course is designed to introduce the principles of immunology including: development of the immune system, innate immunity, immunoglobulin structure and genetics, antigen-antibody reactions, the major histocompatibility complex reactions and antigen presentation, T cell receptors (genetics, structure, selection), T cell activation and effector functions, energy and apoptosis, cytokines, phagocytic cell function, immune responses to infectious organisms and tumors, autoimmune diseases, autoimmunity, allergies, and immune deficiencies. Prerequisites: BIO 137, BIO 117L, BIO 138L, BIO 118L, or Permission of the Instructor. Grade of "C" or above required.

BIO 312L Immunology Lab**credit 1 hr.**

This laboratory course is designed to help students become familiar with and proficient in the performance of protocols in cellular immunology, immunochemistry and clinical serology. These experiments are designed to introduce the student to the fundamentals of laboratory work in the field of immunology. The laboratory experience is designed to closely reflect that of a modern immunology lab. Three laboratory hours per week. Prerequisites: BIO 137, BIO 117L, BIO 118L, BIO 138, or permission of the Instructor. Grade of "C" or above required.

BIO 3330 Ecology**credit 3 hrs.**

The course studies the relationship between organisms and their environment with emphasis on climatic, edaphic, physiologic, and biotic principles. Applications to human welfare and environmental medicine are considered. Grade of "C" or above required.

BIO 313L Ecology Lab**credit 1 hr.**

This course presents field and laboratory methods related to a variety of ecological measurements. Experimental results are integrated with ecological principles and the literature. One 3-hour laboratory period. Prerequisites: BIO 138 and BIO 118L. Three laboratory hours per week. Grade of "C" or above required.

BIO 332 Invertebrate Zoology**credit 3 hrs.**

This course presents a comparison of representatives of the major invertebrate animal phyla with emphasis on anatomy, physiology, life style, and life histories. Prerequisites: BIO 138 and BIO 118L. Grade of "C" or above required.

BIO 312L Invertebrate Zoology Lab**credit 1 hr.**

This course consists of laboratory experiments conducted to learn collection techniques routinely used in population and taxonomic studies to acquire experience in utilizing taxonomic keys and to conduct field and laboratory studies. Three laboratory hours per week. Grade of "C" or above required.

BIO 334 Vertebrate Embryology**credit 3 hrs.**

The processes of vertebrate development, emphasizing human development, are studied. Lecture and laboratory sessions cover gametogenesis, fertilization, cleavage, histogenesis, organogenesis, placentation, and delivery. Endocrine regulation of reproduction is stressed. Laboratories us frog, chick, and pig embryos. Relevant medical and social issues are analyzed. Prerequisites: BIO 138 and BIO 118L. Grade of "C" or above required.

BIO 314L Vertebrate Embryology Lab**credit 1 hr.**

This laboratory complements the lecture with a comparison of frog, chick, and pig embryos. Histological, preserved, and selected living materials are studied to illustrate gametogenesis, fertilization, and development of the vertebrate embryo from zygote through the differentiation of organ systems in amphibian, avian and mammalian embryos. Three laboratory hours per week. Grade of "C" or above required.

BIO 335 Principles of Human Anatomy and Physiology I**credit 3 hrs.**

This course is the first semester of the two-semester course sequence, BIO 335 and emphasizes

physiology of body tissues and systems and includes relevant aspects of anatomy and histology. The course is for majors and intended to be an alternative BIO 233. It covers the following topics and systems of the human organism: human structural and functional organization, basic chemistry, cell structure and function and transport, foundations of cell metabolism, histology, the integumentary system, the skeletal system, the muscular system, the nervous system, and special senses. The subject matter will be related to clinical and health-related issues. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, CHEM 137, CHEM 117L, CHEM 138, CHEM 118L. Grade of "C" or above required.

BIO 315L Principles of Human Anatomy and Physiology I Lab **credit 1 hr.**

The first semester of a two-semester laboratory sequence, the laboratory is a hands-on experience designed to complement the lectures. Three laboratory hours per week. Grade of "C" or above required.

BIO 336 Principles of Human Anatomy and Physiology II **credit 3 hrs.**

The second semester of the two-semester course sequence, BIO 3360, this course applies essential concepts from BIO 3350. It is for majors. It covers the following topics and systems of the human organism: endocrine system, cardiovascular system, lymphatic system and immunity, respiratory system, digestive system, urinary system, and reproduction and development system. The subject matter will be related to clinical and health-related issues. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 118L, CHEM 137, CHEM 117L, CHEM 138, CHEM 118L, BIO 335, BIO 315L. Grade of "C" or above required.

BIO 316L Principles of Human Anatomy and Physiology II Lab **credit 1 hr.**

The second semester of a two-semester laboratory sequence, the laboratory is a hands-on experience designed to complement the lectures. Three laboratory hours per week. Grade of "C" or above required.

BIO 337 Nutrition **credit 3 hrs.**

Nutrients and their physiological and biochemical utilization by the human body are studied. National and international perspectives are included in three 1-hour lecture periods. Prerequisites: BIO138 and BIO 118L. Grade of "C" or above required.

BIO 339 Microbiology **credit 3 hrs.**

Structural, cultural, and physiological characteristics of microorganisms and their role in health and nature are treated. The principles of immunology and virology are also discussed. Prerequisites: BIO 138, BIO 118L, CHEM 138, and CHEM 118L. Grade of "C" or above required.

BIO 319L Microbiology Lab (DESIGNATED SERVICE-LEARNING COURSE) **credit 1 hr.**

This course consists of laboratory experiments conducted to familiarize students with basic skills required to work with different bacterial strains. Subjects will include aseptic techniques, types of media, microscopy, pure culture isolation, and staining to identify bacteria. Students will isolate and grow pure culture of *E. coli* by using selective media. They will also identify and characterize bacteria by differential staining. Three laboratory hours per week. Grade of "C" or above required.

BIO 340 Histology Lab/Lecture **credit 4 hrs.**

The lab-based learning course in histology will include an integrated hands-on microscopic study of tissues and tissue organization of organs in relation to their function using light microscopy. Hands-on tissue preparation for microscopic study, histochemistry, staining and staining technology will be performed. This pedagogy of lab/lecture activities will be used in this course. Prerequisites: BIO 137, BIO 117L, BIO 138, BIO 110L, or Permission of the Instructor. Grade of "C" or above required.

BIO 421 Senior Research in Biology I **credit 2 hrs.**

This is the first of two courses in the student research sequence. Students will develop a research project under the direction of a faculty member. This course will focus on a literature review, developing a research plan, laboratory research and interpreting results. Prerequisites: BIO 1380, and STEM 2300 or SCI 2300. Grade of "C" or above required.

BIO 422 Senior Research in Biology II **credit 2 hrs.**

This is the second of two courses in the student research sequence. Students will continue to work on their research project under the direction of a faculty member from the previous semester. This will include completing their research project and formulating conclusions. A senior research paper

using standard APA style writing format followed by an oral presentation to the faculty is required. Prerequisite: BIO 421. Grade of "C" or above required.

BIO 432 Cell Biology**credit 3 hrs.**

A comprehensive study of the structure and function of living cells is made. Topics included are cell organization; the physical and chemical components of the cell; methods for the study of the cell; cell metabolism; cytogenetics; and the molecular biology of the cell (nucleic acid structure and function, protein synthesis, mutation, gene expression, gene regulation). Prerequisites: BIO 138, BIO 118L, CHEM 138, and CHEM 138L. Grade of "C" or above required.

BIO 412L Cell Biology Lab**credit 1 hr.**

This lab is an introductory course in biosciences research. Students learn to splice DNA, conduct DNA electrophoresis, transform bacteria, use a light microscope, work with solutions, dilutions, and pipet-tors, plot real data, keep a laboratory record, and document methodology. Three laboratory hours per week. Grade of "C" or above required.

BIO 434 Plant Physiology**credit 3 hrs.**

The principle functions of the green plants, including photosynthesis, gas exchange, and water and environmental responses are presented. Prerequisites: BIO 138, BIO 118L, CHEM 138, and CHEM 118L. Grade of "C" or above required.

BIO 414L Plant Physiology Lab**credit 1 hr.**

This lab is an introduction to basic principles of growth of plant systems designed to stimulate student learning of basic concepts and appreciation of the plant world upon which humans depend. Students will learn physical processes in plants, functions of plant tissues, metabolism, and growth and development. They will test nutrients found in plants such as in germinating seeds and flowers. Three laboratory hours per week. Grade of "C" or above required.

BIO 435 Vertebrate Physiology**credit 3 hrs.**

Basic functions of the vertebrate body are studied in terms of physical and chemical principles. The important functions of the circulatory, digestive, respiratory, glandular, muscular, nervous, and reproductive systems are discussed. Three 1-hour lecture periods. Prerequisites: BIO 138, BIO 118L, CHEM 138, CHEM 118L, and PHYS 241. Grade of "C" or above required.

BIO 415L Vertebrate Physiology Lab**credit 1 hr.**

Basic functions of the vertebrate body are studied in terms of physiological and chemical principles. The laboratory is a hands-on experience designed to complement the lectures. Experiments are conducted on the following: cellular events; muscular system; cardiovascular system; urinary system; digestive system; respiratory system; endocrine system; skeletal system; glandular system; nervous system; reproductive systems; cellular metabolism; immune system; and electrolyte balance. Three laboratory hours per week. Prerequisites: BIO 118L and CHEM 218L. Grade of "C" or above required.

BIO 438 Cell and Molecular Biology**credit 3 hrs.**

This course is a comprehensive study of the structure and function of cells, including biochemistry and molecular approaches. Topics to be covered include cellular organization, metabolism, nucleic acid structure and function, protein synthesis, gene expression, and regulation. Prerequisites: BIO 138, BIO 118L, BIO 238, BIO 218L, CHEM 238, and CHEM 218L. An honors section is offered. Grade of "C" or above required.

BIO 418L Cell and Molecular Biology Lab**credit 1 hr.**

This laboratory provides hands-on laboratory experience in differential ultracentrifugation, protein assays and linear least-squares analysis, anatomy and evolution of the genome, bacteria gene regulation, simulated DNA sequencing and DNA database analysis, and DNA manipulation. Laboratory safety is also reviewed. Submission of two formal laboratory reports is required for this course. Both classical and modern-day molecular biology techniques are used. Prerequisites: BIO 138, BIO 238, CHEM 238, BIO 118L, BIO 218L, and CHEM 218L. Three laboratory hours per week. Grade of "C" or above required.

BIO 450 In-Service Training and Instrumentation`**credit 5 hrs.**

This course involves the study of the basic principles of microscopy (including histotechniques,

instrumentation theory, and application), as well as in-service training. Two-fifths of the course deals with theory and laboratory exercises; three-fifths of the course consists of on-the-job experience in a health agency or institution based on the student's career interests. Students spend the last weeks of the semester, for a total of 135 hours, on the job. Prerequisites: Senior standing and permission of the Instructor. Grade of "C" or above required.

PROGRAM OF STUDY IN BIOLOGY FOR PRE-HEALTH PREPARATIONS

Biology majors preparing for entry into health professional schools to pursue careers in medicine, dentistry, optometry, osteopathy, veterinary medicine, pharmacy and the allied health professions should follow the Program of Study in Biology. In addition, students interested in primary health care careers such as medicine and dentistry will strengthen their potential for admission to and success in such schools with the addition of MATH 144 Calculus II, CHEM 437 Biochemistry, BIO 335 and BIO 336 Principles of Human Anatomy and Physiology I and II, BIO 438 Cell and Molecular Biology, and other upper level science courses.



PROGRAM OF STUDY IN BIOLOGY

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140	Precalculus	4
*BIO 137	Principles of Biology I	3	*BIO 138	Principles of Biology II	3
*BIO 117L	Principles of Biology I Lab	1	*BIO 118L	Principles of Biology II Lab	1
STEM 131	Critical Thinking in Biology	3	HIST 130	Afr. American History	3
STEM 130	History of Biology	3		Health and Wellness	2
STEM 111	The College Experience I	1	STEM 112	The College Experience II	1
Total		17	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*BIO	BIO 200 Level	3
FR/SP/AR 233	Intermediate Foreign Language	3	*BIO	BIO 200 Level Lab	1
MATH 143	Calculus I	4	CHEM 138	Principles of Chemistry II	3
CHEM 136	Principles of Chemistry	3	CHEM 118L	Principles of Chemistry II Lab	1
CHEM 117L	Principles of Chemistry Lab	1	CSC 230/STEM 233	Visual Basic or Data Analysis	3
STEM 221	Professional Pathways Dev. In Biological Sciences	2	*STEM 230/SCI 230	Scientific Writing or Biomedical Research Techniques	3
			SCI 238	Undergrad. Research in Bio.	3
Total		16	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BIO	BIO 300 Level	3	*BIO	BIO 300 Level	3
*BIO	BIO 300 Level Lab	1	*BIO	BIO 300 Level Lab	1
STEM 337	Human Social Behavior	3	*BIO	BIO 300 Level Lab	1
PHYS 231	General Physics I	3	PHYS 232	General Physics II	3
PHYS 211L	General Physics I Lab	1	PHYS 212L	General Physics II Lab	1
CHEM 237	Organic Chemistry	3	CHEM 238	Organic Chemistry II	3
CHEM 217L	Organic Chemistry Lab	1	CHEM 218L	Organic Chemistry II Lab	1
SCI 331	Ethics in Science	3	STEM 328	Career Entrance Exams Prep	2
Total		18	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*BIO	BIO 400 Level	3	*BIO	BIO 400 Level	3
*BIO	BIO 400 Level Lab	1	*BIO	BIO Electives	4
*BIO	BIO 400 Level Lab	1	*BIO 422	Senior Research in Biology II	2
*BIO 421	Senior Research in Biology I	2	SCI 434	Special Topics in Biology	3
	Global and Intercultural	3		Global and Intercultural	3
*BIO	BIO Elective	3			
Total		13	Total		15

Total SCH 128

SCH in Major* 43

*Major courses require a "C" or better.

BIO Electives = BIO, CHEM, EHS, SCI, or STEM 200 level or above in Biology, Chemistry, or Environ. Health Science

CHEMISTRY COURSES

STEM 111 and STEM 112 The College Experience I and II **credit 1 hr. ea.**
(Course descriptions are located in the Academic Department Cross-Disciplinary Courses section of the catalogue.)

CHEM 130 Chemistry and Modern Society **credit 3 hrs.**
This survey course introduces chemistry to non-science majors through common substances and consumer products that are immersed in our lives. Topics include basic inorganic, organic biochemistry, foods, fuels, plastics, cosmetics, detergents, environmental chemistry, etc.

CHEM 110L Chemistry and Modern Society Lab **credit 1 hr.**
This course complements the general chemistry course for non-science majors (CHEM 130). It features regular hands-on laboratory sessions and integrated web-based virtual laboratory experiments that allow instructors to determine the process of scientific inquiry while students apply laboratory methods to reinforce acquired concepts in two laboratory hours per week.

CHEM 131 Preparatory Chemistry **credit 3 hrs.**
This survey course introduces chemistry to non-science majors through common substances and consumer products that are immersed in our lives. Topics include basic inorganic, organic, biochemistry, foods, fuels, plastics, cosmetics, detergents, and environmental chemistry.

CHEM 137 Principles of Chemistry I **credit 3 hrs.**
This course is a study of the fundamental principles of general chemistry, including atomic structure, chemical bonding, chemical equations, periodic properties of elements, and some descriptive chemistry as it relates to industrial processes.

CHEM 117L Principles of Chemistry I Lab **credit 1 hr.**
This is a one-semester laboratory course on experiments and experimental techniques in general chemistry. The physical and chemical properties of matter, measurements, classification of chemical reactions, safe handling of chemicals, and recording and understanding of laboratory data and calculations are examined. Three laboratory hours per week. Co-requisite: CHEM 137.

CHEM 138 Principles of Chemistry II **credit 3 hrs.**
A continuation of CHEM137, the course includes introduction to the study of solution chemistry, colloidal systems, oxidation-reduction reactions, chemical equilibrium, and thermo-chemistry. Basic concepts of organic chemistry and qualitative analysis are also stressed. Prerequisites: CHEM 137 and CHEM 117L.

CHEM 118L Principles of Chemistry II Lab **credit 1 hr.**
This is a one semester laboratory course that is a continuation of CHEM 117L on experiments and experimental techniques in general chemistry with emphasis on chemical equilibrium, solutions, kinetics, acids and bases titrations, and the qualitative inorganic analysis of cations and anions. Prerequisite: CHEM 117L with at least a C. Co-requisite: CHEM 138. Three laboratory hours per week.

CHEM 231 Fundamentals of Radiochemistry **credit 3 hrs.**
The course is designed to build a basic familiarity with radiation science. Introducing chemical properties in radiation and radiochemistry as it applies to chemical analysis in the physical and biological sciences. It will emphasize radioactive decay, hot atom chemistry, nuclear dating methods, and nucleo-synthesis of elements. This course can also serve as an elective course for biology, CHEM 138 with a grade of "C" or higher.

CHEM 211L Fundamental of Radiochemistry Lab **credit 1 hr.**
The laboratory investigations are designed to expose students to current technologies and instrumentations in the field of radiochemistry. Three laboratory hours per week.

CHEM 232 Scientific Writing **credit 2 hrs.**
This is a fundamental course in the review of the concepts and theory of scientific writing. The course will provide students with knowledge in fundamental approaches used in scientific communications. Students will also be introduced to the underlying principles of technical writing in chemistry and the communication styles of different chemical literatures. Prerequisite: Permission of the Instructor.

CHEM 237 Organic Chemistry I**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course is a study of the fundamental laws and theories of organic chemistry, emphasizing the preparation of typical organic compounds; qualitative and quantitative organic analysis; hydrocarbons and their halogen, oxygen, and nitrogen derivatives; and an introduction to amino acids and carbohydrates. Prerequisites: CHEM 138 and CHEM 118L.

CHEM 217L Organic Chemistry I Lab**credit 1 hr.**

This course develops an examination of fundamentals of and practice in organic synthesis, separation, purification, and the identification of organic compounds. Microscale experimental techniques will be emphasized. Experiments include: recrystallization, distillation, extraction, chromatography, spectroscopy, and structure determination. Co-requisite: CHEM 237. Three laboratory hours per week.

CHEM 238 Organic Chemistry II**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

A continuation of CHEM 237, this course emphasizes alkyl and aromatic compounds, including aldehydes, ketones, carboxylic acids, and ketoacids. Prerequisite: CHEM 237.

CHEM 218L Organic Chemistry II Lab**credit 1 hr.**

A course that offers a continuation of the examination of the fundamentals of and practice in organic synthesis, separation, purification, and the identification of organic compounds. Microscale experimental techniques will be emphasized. Experiments include: spectroscopy, kinetics, multi-step syntheses, and structure determination. Prerequisites: CHEM 237 and CHEM 217L. Co-requisite: CHEM 238. Three laboratory hours per week.

CHEM 328 Laboratory Techniques in Materials Science**credit 2 hrs.**

This course provides basic theories in material characterization using modern instruments and hands-on skills in processing materials. It requires both regular lectures and laboratory experiments. Topics include X-Ray Diffraction, IR/UV Spectroscopy, BET Surface Analysis, Thermal Gravity Analysis, Differential Scanning Calorimetry, chemical synthesis, particle dispersal and heat treatment. Prerequisites: CHEM 337 or Permission of the instructor.

CHEM 331 Internships in Radiochemistry**credit 3 hrs.**

This course is designed to expose the students to full-time involvement in an actual "on-the-job" situation in an industrial or research laboratory under the tutelage of a selected preceptor. A department faculty member will work closely with the student and preceptor and assumes responsibility for making the final evaluation and assigning a grade. A list of research sites to include but not be limited to programs at Department of Energy national laboratories and affiliated university sites, will be provided to the students prior to enrollment. This course is a requirement for chemistry majors with a concentration in radiochemistry. Prerequisite: CHEM 231.

CHEM 332 Directed Studies in Radiochemistry**credit 3 hrs.**

The directed study course is designed for students with advanced level interest in radiochemistry. Students may satisfy the requirements of this course through directed study under Benedict College faculty, enrollment in designated courses at Clemson University, South Carolina State University, or other designated partners, and/or collaborative studies involving the aforementioned. Approval is based on academic appropriateness. A suggested course list will be made available to students prior to course enrollment. This course is a requirement for chemistry majors with a concentration in radiochemistry. Prerequisites: CHEM 231 and CHEM 211L.

CHEM 333 Analytical Chemistry**credit 3 hrs.**

This course is an introduction to the principles of quantitative analytical techniques. Prerequisites: CHEM 138 and CHEM 118L.

CHEM 313L Analytical Chemistry Lab**(DESIGNATED SERVICE-LEARNING COURSE)****credit 1 hr.**

This is a one-semester laboratory course on the application of the techniques of quantitative analysis, standard volumetric and gravimetric techniques with focus on the handling of chemical apparatus, measurement, and treatment of analytical data are covered. Three laboratory hours per week. Prerequisites: CHEM 138 and CHEM 118L with at least a C. Co-requisite: CHEM 333.

CHEM 334 Instrumental Methods of Analysis**credit 3 hrs.**

This course is designed to provide students with an understanding of some common instrumental techniques which can be used in industry and research applications. These techniques include electrochemical, potentiometric, electrogravimetric and coulometric methods of analysis. Other

techniques studied include spectroscopic methods of analysis, the theory of molecular absorption spectroscopy analytical separations by extraction and ion exchange, and an introduction to chromatographic methods and applications of chromatography. Prerequisites: CHEM 237, CHEM 217L, CHEM 333, and CHEM 313L.

**CHEM 314L Instrumental Methods of Analysis Lab
(DESIGNATED SERVICE–LEARNING COURSE)**

credit 1 hr.

This is a one semester laboratory course on the application of techniques of instrumental analysis in areas of atomic and molecular spectroscopy, mass spectrometry, electroanalytical chemistry, and chromatography. Prerequisites: CHEM 333 and CHEM 313L with at least a C. Co-requisite: CHEM 334. Three laboratory hours per week.

CHEM 335 Inorganic Chemistry

credit 3 hrs.

This course encompasses the structure of the atom, bonding models in inorganic chemistry, the solid state, the structure and reactivity of the covalent bond, chemical forces, acid-base chemistry, chemistry in aqueous and nonaqueous solutions, molecular orbital theory, the theory of coordination chemistry and coordination chemistry-structure, descriptive chemistry of transition metals and organometallic chemistry. Prerequisites: CHEM 138 and CHEM 118L.

**CHEM 315L Inorganic Chemistry Lab
(DESIGNATED SERVICE–LEARNING COURSE)**

credit 1 hr.

Laboratory experiments in inorganic synthesis and spectroscopic methods in inorganic chemistry. Co-requisite: CHEM 335. Three laboratory hours per week.

CHEM 336 Medicinal Chemistry

credit 3 hrs.

This is an introductory level medical chemistry course that provides students with a detailed explanation of the molecular mechanism of drug action. The following topics will be covered: drug development process; drug approval process; receptors; drug interaction; pharmacodynamics; pharmacokinetics; and quantitative structure activities relationships. Some of the following classes of drugs will be discussed in detail-antibacterial, antiviral, and antitumor drugs; drugs that work on the central nervous system, analgesics, etc. Three one-hour lecture periods. Prerequisites: CHEM 238 and CHEM 218L.

CHEM 337 Introduction to Advanced Material

credit 3 hrs.

The course introduces fundamental theories and applied techniques in advanced materials and provides students with insight into fields of new energy, environmental remediation, and nanotechnology. Topics include atomic structure, chemical bonding, solid structure, phase changes, materials processing, and applications. Prerequisite: CHEM 137/138 or PHYS 243/244 or Permission of the Instructor.

CHEM 338 Chemistry with Computer Modeling

credit 3 hrs.

This is an introductory course for applications of modern computer technologies in chemistry. The course covers basic theories and methods in high-performance computing, computer visualization and molecular modeling. Specifically, the students will learn how to study geometry, molecular property and chemical reactivity of organic compounds through computer modeling. The course also includes computational laboratory exercises to supplement theories and methods covered in lectures. Prerequisite: CHEM 137, CHEM 138, or Permission of the Instructor.

CHEM 430 Senior Research in Chemistry

credit 3 hrs.

Students may elect to do directed laboratory research accompanied by literature review of recent trends on the subject of research interest under faculty supervision or engage in research internship in government or other academic research institutions. Students may also elect an intensive library review of chemical/biology journals on contemporary topic of interest. Senior papers incorporate theoretical backgrounds, research methods and analytical methodologies as well as appropriate format used in chemical and or biological literatures will be presented to faculty. Prerequisite: CHEM 232.

CHEM 440 Research or Directed Individual Study

credit 1-4 hrs.

The student may elect to do individual research or specific chemical problems, including intensive library and laboratory research under the direction of a faculty member or engage in on-the-job training in government agencies or industrial companies. Prerequisite: Permission of the Instructor.

CHEM 431 Physical Chemistry I

credit 3 hrs.

This course is a study of atomic and molecular structure; properties and thermodynamics of gases, liquids, and solids; and the relationships of various physical properties to structure and reactivity. A research paper is required. Prerequisites: CHEM 238, CHEM 218L, PHYS 244 and MATH 144.

CHEM 411L Physical Chemistry Lab**credit 1 hr.**

Introduction to methods and techniques used in the physical chemistry laboratory, including experiments in calorimetry, phase equilibria, reaction kinetics, and transport properties. Three laboratory hours per week.

CHEM 432 Physical Chemistry II**credits 3 hrs.**

Fundamental principles of theoretical chemistry are treated in a quantitative manner. Emphasis is placed on topics which are particularly applicable to an understanding of industrial chemical principles. Topics include chemical equilibria and kinetics, electrochemistry, photochemistry, quantum chemistry, statistical mechanics, and colloids. A senior research paper is required. Prerequisites: CHEM 431 and CHEM 411L.

CHEM 412L Physical Chemistry II Lab**credit 1 hr.**

A continuation of CHEM 411L with an introduction to methods and techniques in computational chemistry and spectroscopy. Three laboratory hours per week.

CHEM 437 Biochemistry**credit 3 hrs.**

This course covers the chemistry of lipids, carbohydrates, proteins, nucleic acids, and enzymes and briefly considers vitamins, steroids, hormones, and clinical procedures. Prerequisites: CHEM 238 and CHEM 218L.

CHEM 417L Biochemistry Lab**credit 1 hr.**

The experiments in this laboratory course have been designed to acquaint the students with the basic skills necessary to perform biochemical studies. The course will cover, for instance, protein purification, acid-base studies, spectrophotometric protein assay, subcellular fractionation, exclusion, ion exchange chromatography, and electrophoresis. Prerequisites: CHEM 238 and CHEM 218L. Co-requisite: CHEM 437. Three laboratory hours per week.

CHEM 438 Topics in Biochemistry**credit 3 hrs.**

This course deals with the chemistry of lipids, carbohydrates, proteins, and nucleic acids. Techniques of protein purification and separation will be emphasized. Prerequisites: CHEM 238 and Permission of the Instructor. An honors section is offered. Prerequisites: CHEM 437 and CHEM 417L.

CHEM 418L Topics in Biochemistry Lab**credit 1 hr.**

The experiments in this laboratory involve the purification and separation of proteins, carbohydrates, and nucleic acids. Co-requisite: CHEM 438. Three laboratory hours per week.



PROGRAM OF STUDY IN CHEMISTRY

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 138	College Algebra	3	MATH 140	Precalculus	4
*CHEM 137	Principles of Chemistry I	3	*CHEM 138	Principles of Chemistry II	3
*CHEM 117L	Principles of Chemistry I Lab	1	*CHEM 118L	Principles of Chemistry II Lab	1
HIST 130	Afr. American History	3		Global and Intercultural	3
STEM 111	The College Experience I	1		Health and Wellness	2
			STEM 112	The College Experience II	1
Total		14	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 237	Oral Communication	3	*CHEM 238	Organic Chemistry II	3
FR/SP/AR 233	Intermediate Foreign Language	3	*CHEM 218L	Organic Chemistry II Lab	1
MATH 143	Calculus I	4	MATH 144	Calculus II	4
*CHEM 237	Organic Chemistry I	3	CSC 135	Introduction to Programming	3
*CHEM 217L	Organic Chemistry Lab	1	*CHEM 232	Scientific Writing	3
STEM 221	Professional Pathways Dev. In Chemistry	2		Global and Intercultural	3
Total		16	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*CHEM 333	Analytical Chemistry	3	*CHEM 334	Instrum Meth of Analysis	3
*CHEM 313L	Analytical Chemistry Lab	1	*CHEM 314L	Instrum Meth of Analysis Lab	1
PHYS 233	Principles of Physics I	3	PHYS 234	Principles of Physics II	3
PHYS 213L	Principles of Physics I Lab	1	PHYS 214L	Principles of Physics II Lab	1
MATH 241	Calculus III	4	*CHEM 335	Inorganic Chemistry II	3
STEM 233	Data Analysis	3	*CHEM 315L	Inorganic Chemistry II Lab	1
MATH 230	Linear Algebra	3	MATH 237	Differential Equations	3
			STEM 328	Career Entrance Exams Prep	2
Total		18	Total		17

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*CHEM 421	Physical Chemistry I	3	*CHEM 432	Physical Chemistry II	3
*CHEM 411L	Physical Chemistry I Lab	1	*CHEM 412L	Physical Chemistry II Lab	1
*CHEM	Elective	3	*CHEM 430	Senior Research in Chemistry	3
*CHEM 437	Biochemistry	3	*CHEM	Elective	3
*CHEM 417L	Biochemistry Lab	1		300 Level STEM Lecture	3
	300 Level STEM Lecture	3		300 Level STEM Lab	1
	300 Level STEM Elective Lab	1			
Total		15	Total		14

Total SCH 128

SCH in Major* 52

*Major courses require a "C" or better.

CHEM Electives = BIO, CHEM, EHS, SCI, or STEM 200 level or above in Biology, Chemistry, or Environ. Health Science

ENVIRONMENTAL HEALTH SCIENCE COURSES**STEM 111 and STEM 112 The College Experience I and II** credit 1 hr. ea.**(Course descriptions for all seminars are on pages 86-87.)****ESC 130 General Environmental Health Science** credit 3 hrs.

A comprehensive discussion of the impact of environmental pollution in the three global life support zones of water, air, and soil and the resultant adverse health effects. The course emphasizes interactions between living and non-living components of ecosystems. It also focuses on how those interactions help or harm humans and their environments. This course does not count for credit toward the Environmental Health Science major requirements. Science majors should take ESC 131 and ESC 111L.

ESC 110L General Environment Health Science Lab credit 1 hr.

This course complements the environmental science course for non-science majors, and it allows students to conduct hands-on analyses of environmentally relevant document such as graphs, tables, charts, and case studies. The course also instructs students on the components of the scientific method and incorporates activities to assist students in understanding and using that scientific method. Two laboratory hours per week.

ESC 131 Principles of Environmental Health Science credit 3 hrs.

This course for Environmental Health Science (EHS) is a scientific introduction and exposure to knowledge relating to the origins of and methods of addressing concerns within our geological, atmospheric and hydrological environments. Methods and procedures for monitoring and controlling pollution in residential and occupational settings will be explored. Characterization and control of physical, chemical, biological and radiological pollutants to air, water, soil, and food will be presented. A minimum grade of "C" is required in this course before students may enroll in advanced Environmental Health Science courses.

ESC 111L Principles of Environmental Health Science Lab credit 1 hr.

The laboratory course is project oriented with students completing multi-week investigations culminating in a self-designed research project. Three laboratory hours per week.

**ESC 230 Solid and Hazardous Waste Control
(DESIGNATED SERVICE –LEARNING COURSE)** credit 3 hrs.

A study of solid and hazardous waste with emphasis on landfill, incineration, composting, and recycling as safe disposal procedures. Topics include: the evolution of solid and hazardous waste management; roles of legislative and governmental agencies; on-site handling, storage and processing; transfer and transport; processing techniques and equipment; recovery of resources, conversion products and energy; safe disposal of solid and hazardous waste and residual material; and planning and management development, selection, and implementation. Additionally, engineering principles will be used to solve waste disposal problems where applicable. Three 1-hour lecture periods. Prerequisites: BIO 138 and BIO 118L.

**ESC 331 Air Pollution Control
(DESIGNATED SERVICE –LEARNING COURSE)** credit 3 hrs.

An overview of current air pollution problems, the chemistry of air pollution and polluted atmospheres, potential human health effects, air pollution control technology, and laws regulating air pollution. Three one-hour periods. Students will also have the option to complete a related United States Environmental Protection Agency Air pollution course. Prerequisites: ESC 131, or ENVE 231, or permission of the instructor.

**ESC 332 Industrial Hygiene
(DESIGNATED SERVICE – LEARNING COURSE)** credit 3 hrs.

Course contents entail a study of health and safety in single and multiple living units as well as in industrial settings. Safety and healthy use of materials, equipment, and supplies will be analyzed in various residential and occupational settings. Health and safety considerations of personnel and facilities will be revealed and analyzed. Prerequisites: ESC 131, ESC 111L, BIO 138, BIO 118L, CHEM 138, and CHEM 118L.

ESC 333 Disease Vectors and Control credit 3 hrs.

This course represents a study of the vectors responsible for arthropod-borne diseases of medical and veterinary importance; emphasis is on morphology, natural history, ecology, and behavior of vectors in relation to disease transmission and their control. Three one-hour lecture periods with an option to

complete the U.S. Center for Disease Control Vectorborne Disease Control course. Prerequisites: ESC 131, ESC 111L, BIO 138, BIO 118L, CHEM 138, and CHEM 118L.

ESC 334 Food and Milk Products Sanitation**credit 3 hrs.**

This course is a study of the sanitary controls and environmental health practices employed in the production, processing, and retailing of food and milk products. Also included are food sanitation regulation, involving food storage preparation and service. Three one-hour lecture periods. The course may serve as an elective for environmental health science and other STEM majors. Course allows students the option of also completing the U. S. Centers for Disease Control Foodborne Disease Control course. Prerequisites: ESC 131 and ESC 111L or Permission of the Instructor.

ESC 314L Food and Milk Products Sanitation Lab**credit 1 hr.**

This course complements the lecture component for food and milk product course, and it is intended primarily for environmental health science, biology, or chemistry majors. The course includes analysis of biological, physical, and chemical aspects of food. Additionally, the course provides laboratory instruction on procedures for inspecting food facilities and investigating food borne illnesses. Three laboratory hours per week.

ESC 335 Environmental Forensics & Analysis**credit 3 hrs.**

This course provides skills and experience in the field of environmental forensics and chemistry. It will provide opportunities for critical assessment and analysis of priority pollutants through techniques such as carbon aging, chemical finger prints and physical dispersion. Prerequisites: CHEM 138 and CHEM 118L.

ESC 315L Environmental Forensics & Analysis Lab**credit 1 hr.**

Students learn the services provided by a crime lab; the scientific and legal constraints placed upon criminalists; the theory and practice of collecting, preserving, and analyzing of physical evidence. Laboratory experiences include analysis of microscopic evidence, identification and individualization of physical and chemical objects, development of latent fingerprints, rolling and classification of fingerprints, some instrumental analysis, and thin layer and paper chromatography. Three laboratory hours per week.

ESC 340 Environmental Internship I**credit 3 hrs.**

Each student is required to complete in two consecutive internship courses a minimum of six semester credit hours (6 SCH) and a minimum of 180 clock hours of field training in an appropriate setting approved by the advisor. Each internship course will count 3 semester credit hours and will require a minimum of 90 clock hours of field internship experience. This experience will primarily be acquired during summer months; however, the experience may be acquired during the regular academic term only when the student is able to acquire the minimum number of field clock hours without interruption. The student will apply analytical environmental techniques employed in the chemical and biological assessment of environmental quality. Prerequisites: ESC 131 and ESC 111L and Permission of the advisor.

ESC 430 Environmental Health Administration**credit 3 hrs.**

This course addresses the structure and administration of environmental health organizations with emphasis on the legal and financial basis of programs and the management practices utilized in present programs. A senior research paper is required. Three 1-hour lecture periods. Prerequisites: ESC 131, ESC 111L, BIO 138, BIO 118L, CHEM 138 and CHEM 118L or Permission of the Instructor.

ESC 434 General Environmental Toxicology**credit 3 hrs.**

This course presents applications of basic anatomical, biochemical, and physiological principles and assessment of environmental pollutants which potentially can produce health hazards, with approaches towards effectively reducing these threats. Content is presented in three 1-hour lecture periods. Prerequisites: ESC 131, ESC 111L, BIO 138, BIO 118L, CHEM 138, and CHEM 118L or Permission of the Instructor.

ESC 435 Biostatistics**credit 3 hrs.**

This course will cover the basic principles, methods, logic and language of statistics from a health perspective. Topics include: summary statistics; basic probability; discrete and continuous random variables; sample size determination; distributions (Normal, Poisson, Binomial, Hypergeometric); estimation and hypothesis testing and confidence intervals; t-test; Analysis of Variance (ANOVA); simple and multiple linear regression; correlation. Prerequisites: ESC 131 and MATH 138, or Permission of the Instructor.

ESC 436 Epidemiology**credit 3 hrs.**

Course contents present principles of epidemiologic thinking; measures of disease frequency and association, rates, etiology, prevention and control; determinants of disease and distribution factors influencing health and disease in populations; study design and analysis; indices of disease and health; epidemiology methods used in the investigation of health efforts of environmental exposures. Prerequisites: ESC 131, ESC 111L, BIO 138, and BIO 118L.

ESC 439 Water Supply Wastewater Treatment and Environmental Health (DESIGNATED SERVICE –LEARNING COURSE)

credit 3 hrs.

This course addresses the role of liquid wastes in human health; evaluation of source, treatment, and disposal facilities; and the study of the properties, distribution and utilization of water in natural and man-made systems. Laboratory and field studies are conducted using both qualitative and quantitative approaches. Prerequisites: ESC 131, or ENVE 231 or permission of the instructor.

ESC 419L, or permission of the instructor Water Supply Wastewater Treatment and Environmental Health Lab

credit 1 hr.

This course is the laboratory complement to the water and wastewater lecture course. It provides students an understanding of the process and procedures that are used to treat both water and wastewater. Simulated treatment procedures are conducted to assist students in better understanding treatment plant facilities and equipment. Analyses of water for specific chemicals and conditions will also be conducted. Three laboratory hours per week.

ESC 441 Research or Directed Individual Study

credit 1-4 hrs.

The student may elect to conduct individual research on a specified environmental health problem, including intensive library and laboratory research, under the direction of a faculty member or under joint direction of a mentor while engaged in on-the-job training in a governmental agency or company. Prerequisite: Permission of the Instructor.

ESC 440 Environmental Internship II

credit 3 hrs.

This course is a continuation of ESC 340x and all requirements of that course also apply to this follow-up course. For example, this 3 SCH course also requires that students taking the course must acquire a minimum of 90 field internship clock hours beyond the 90 hours acquired within the first half of this two-part course. ESC 440 must be taken immediately after taking ESC 340; however, the two courses may be taken concurrently only when the student is able to acquire all 180 field internship clock hours without interruption. Prerequisites: ESC 131 and ESC 111L or Permission of the Instructor.



SCHOOL OF ARTS AND SCIENCES

PROGRAM OF STUDY IN ENVIRONMENTAL HEALTH SCIENCE

FRESHMAN YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
ENG 131	Analysis & Argumentation	3		ENG 132	Information, Literacy & Research	3	
MATH 138	College Algebra	3		MATH 140	Precalculus	4	
BIO 137	Principles of Biology I	3		BIO 138	Principles of Biology II	3	
BIO 117L	Principles of Biology I Lab	1		BIO 118L	Principles of Biology II Lab	1	
ENG 237	Oral Communications	3		HIST 130	Afr. American History	3	
*ESC 131	Principles of Env Health Sci	3			Health and Wellness	2	
*ESC 111L	Principles of EHS Lab	1		STEM 112	The College Experience II	1	
STEM 111	The College Experience	1					
Total		18		Total		17	

SOPHOMORE YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
CHEM 136	Principles of Chemistry	3		*ESC	ESC 200 Level	3	
CHEM 117L	Principles of Chemistry Lab	1		STEM 230	Scientific Writing	3	
FR/SP/AR 233	Intermediate Foreign Language	3		CHEM 138	Principles of Chemistry II	3	
STEM 131	Critical Thinking in EHS	3		CHEM 118L	Principles of Chemistry II Lab	1	
BIO 233	Human Anatomy & Physiology I	3		CSC 230/STEM 233	Visual Basic or Data Analysis	3	
PHYS	General Physics I	3		BIO 234	Human Anatomy & Physiology II	3	
PHYS 213L	General Physics I Lab	1		SCI 221	Professional Pathways Dev.	2	
Total		17		Total		18	

JUNIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*ESC	ESC 300 Level	3		*ESC 332	Industrial Hygiene	3	
*ESC	ESC 300 Level Lab	1		*ESC	ESC 300 Level	3	
CHEM 237	Organic Chemistry I Lab	3		BIO 339	Microbiology	3	
CHEM 217L	Organic Chemistry I Lab	1		BIO 319L	Microbiology Lab	1	
CHEM	CHEM 300 Level	3		STEM 328	Career Entrance Exams Prep	2	
CHEM	CHEM 300 Level Lab	1					
Pre-Senior Year Summer I				Pre-Senior Year Summer II			
*ESC 340	Environmental Internship I	3		*ESC 440	Environmental Internship II	3	
Total		15		Total		15	

SENIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*ESC	ESC 400 Level	3		*ESC 434	Toxicology	3	
*ESC	ESC 400 Level Lab	1		*ESC 435	Biostatistics	3	
*ESC 430	Env Health Administration	3		*ESC 436	Epidemiology	3	
*ESC 441	Senior Research in EHS	2			Global and Intercultural	3	
	Global and Intercultural	3					
*ESC	ESC Elective	4					
Total		16		Total		12	

Total SCH 128

SCH in Major* 45

*Major courses require a "C" or better.

EHS Electives = BIO,EHS, SCI, or STEM200 level or above in Biology, Chemistry, or Environmental Health Science

SCHOOL OF ARTS AND SCIENCES

CLUBS, ORGANIZATIONS AND SPECIAL PROGRAMS IN BIOLOGY, CHEMISTRY AND ENVIRONMENTAL HEALTH SCIENCES

SOUTH CAROLINA NASA SPACE GRANT CONSORTIUM PROGRAM (SCSG)

The South Carolina NASA Space Grant Consortium exists to implement the National Space Grant Act of 1988 in South Carolina. Within the larger context of national science and technology initiatives, we promote activity in research, education, and public service related to the NASA mission. The goals/objectives are: 1. Increase access, understanding, development, and utilization of resources in four areas: space, Earth system science, biological sciences, and aeronautics; 2. Encourage cooperative programs among colleges and universities, state organizations, business and industry, and technology, engineering and mathematics (STEM) disciplines. Student member opportunities include leadership development; participation in special events, projects and presentations; local, regional, national and global networking and conference attendance.

BETA KAPPA CHI SCIENCE HONOR SOCIETY

Beta Kappa Chi is open to students majoring in any of the natural sciences, mathematics, or computer science. To qualify, students must: have a minimum cumulative grade-point average of 3.1 with no grade below "C"; and have completed 60 hours of course work in their programs of study, two semesters of which must be at Benedict College.

THE STUDENT ENVIRONMENTAL HEALTH ASSOCIATION (SEHA)

The Student Environmental Health Association is open to students in good academic standing. These students promote environmental stewardship within the campus and the surrounding communities.

THE NATIONAL ORGANIZATION FOR THE PROFESSIONAL ADVANCEMENT OF BLACK CHEMISTS AND CHEMICAL ENGINEERS (NOBCCHE)

The Benedict College Chapter of the National Organization for the Professional Advancement of Black Chemists and Chemical Engineers (NOBCCHE) supports the organization's national mission to build an eminent cadre of people of color in science and technology. The Organization promotes careers in science and technology, and encourages college students to pursue graduate degrees in the science, technology, engineering and mathematics (STEM) disciplines. Student member opportunities include leadership development; participation in special events, projects and presentations; local, regional, national and global networking and conference attendance.



COMPUTER SCIENCE, PHYSICS, AND ENGINEERING DEPARTMENT

SCHOOL OF ARTS AND SCIENCES

The mission of the Computer Science, Physics, and Engineering Department is to provide courses, training and innovative learning opportunities leading to baccalaureate degrees in computer science, computer engineering, electrical engineering, and environmental engineering, and physics. The curriculum offers a comprehensive educational experience for students in these areas in preparation for graduate studies and professional employment. In keeping with the philosophy and mission of Benedict College, the department provides mathematics courses for all majors as part of the general education studies.

REQUIREMENTS

Students with a major in the department must complete the required courses in their field. All incoming majors who have taken College Algebra and Pre-Calculus in high school will be given MATH 138 and MATH 140 exemption tests to determine if they may enroll in Calculus I, MATH 143, or if they need to take College Algebra, MATH 138, and Pre-Calculus, MATH 140 as prerequisites. Students who did not take College Algebra and Pre-Calculus in high school are required to take College Algebra, MATH 138, and Pre-Calculus, MATH 140 before taking Calculus I, MATH 143. Students are advised to follow programs of study as outlined and to consult with their major area advisors before enrolling in courses.

Required Activities

Prior to graduation, all Mathematics and Computer Science majors are required to present a senior research paper in the presence of senior research committee and other faculty members in the department. Their research papers must be approved and signed by the senior research committee. Senior research paper development is a topic addressed in the following course:

MCS 430 Senior Research and Professional Experience

SERVICE-LEARNING

Each student is required to complete a minimum of 120 hours of approved service-learning activities for graduation.

Honors Courses

Honors courses are writing intensified, technologically enhanced, and internationally focused. All Benedict College students may enroll in Honors courses with the permission of the instructor. Students may earn honors credits in designated General Education courses or in regular classes. Students interested in more information should confer with the Honors Program Director. Honors courses offered in this department are:

MATH 138H College Algebra MATH 140H Precalculus

COMPUTER SCIENCE COURSES

CSC 131 Introduction to Computers

credit 3 hrs.

Provides a general overview of the history, impact, and general use of computers. Basic computer concepts and data management are explored with emphasis on the applications of computers in the different disciplines.

CSC 132 Introduction to Computing and Programming Concepts

credit 3 hrs.

This course is an overview of computer concepts, including hardware, operating systems, binary numbers, and programming logic. This course is offered for STEM majors. Non-STEM majors should enroll in CSC 131.

CSC 133 Digital Logic

credit 3 hrs.

This is a study of basic concepts of the binary system, logic gates, combination logic, memory elements, sequential logic, processors and control logic design. Prerequisite: CSC 132.

CSC 135 Introduction to Programming

credit 3 hrs.

The course is a study of the programming language C++ including data types, arrays, input/output, control flow, functions, and program structure. The course covers creating and debugging projects in Integrated Development Environments. Prerequisites: CSC132.

CSC 136 Algorithm Design I

credit 3 hrs.

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This is a study of concepts and properties of fundamental computing algorithms using C++. The course covers structured programming, problem solving methods, and program design in C++. Prerequisite: CSC 135 or passing the exemption test for CSC 135.

CSC 138 Algorithm Design II

credit 3 hrs.

A continuation of CSC136 with focus on Object-Oriented Programming, STL, Dynamic Memory Management, Recursion, and Advanced Level Algorithm implementation. Prerequisites: CSC 136.

CSC 139 Web Development

credit 3 hrs.

This course is an introduction to developing basic websites to web standards. It will provide a basic understanding of the methods and techniques of developing a simple to moderately complex website. Topics include HTML, CSS, and Javascript. At the end of the course, students will be able to plan, design, and implement a web site using current standards and best practices. Prerequisite: None

CSC 230 Visual Basic

credit 3 hrs.

Course content includes an introduction to problem-solving techniques and study of Visual Basic components and concepts and program development process. Programming topics in Visual Basic to include analysis, design and code development of Graphic User Interface (GUI).

CSC 231 Assembly Language

credit 3 hrs.

This is a study of assembly language for IBM PC compatible systems. Course covers registers, instruction formats, I/O coding, debugging and testing techniques. Prerequisite: CSC 132 or Permission of the Instructor.

CSC 232 Computer Graphics

credit 3 hrs.

The course presents fundamentals of computer graphics including detailed investigation of supporting hardware and software. Emphasis on primitive, two and three dimensional viewing and innovation in text representations. Prerequisite: CSC 138.

CSC 233 Programming in FORTRAN

credit 3 hrs.

Course covers programming in FORTRAN language with applications in chemistry, physics, statistics and engineering. It also includes numerical techniques and implementation of efficient algorithms. Prerequisite: CSC 135 or Permission of the Instructor.

CSC 234 Theory of Computations

credit 3 hrs.

This course presents formal models of computation such as finite state automata, push down automata, and Turing Machines. Formal definitions of languages, problems, and language classes including recursive, recursively enumerable, regular, and context free languages. Proofs of program properties including correctness are emphasized. Prerequisite: CSC 132 or Permission of the Instructor.

CSC 236 Business Programming

credit 3 hrs.

The course introduces the concepts of Business Programming. It provides the students with understanding how technology can be used to create business value and make knowledgeable decisions concerning the planning, development and implementation of information technology resources to increase organizational effectiveness and create a strategic advantage. Prerequisite: CSC 131 or CSC 132 or Permission of the Instructor.

CSC 237 Java Programming

credit 3 hrs.

This course covers fundamental Java Programming concepts, which include Java constructs, objects and applications, exceptions, and elementary graphics and user interfaces. It also includes threads, input/output, networking, graphics manipulation, native methods, and graphical user interface design. Prerequisite: CSC 138 or Permission of the Instructor.

CSC 238 Introduction to Computer Security

credit 3 hrs.

This course is an introduction to the theory and practice of computer security, including security policies, authentication, digital certificates, firewalls, malicious code, legal and ethical issues, and incident handling. Prerequisite: CSC 132 or Permission of the Instructor.

CSC 239 Introduction to Multimedia Computing

credit 3 hrs.

This course explores basic concepts of multimedia applications including text, graphics, sound, animation and the integration of these components. Topics include web page design, testing, uploading and maintaining the applications. Programming languages include HTML, CSS, and Java Script.

CSC 332 Computer Forensics

credit 3 hrs.

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This course covers tracking computer security violations. Topics include methods for recognizing network signatures and tracking them back to their origins, tracing methods in different operating systems, and identify other related techniques. Prerequisite: CSC 238.

CSC 333 Data Structures **credit 3 hrs.**

This course presents advanced data structures such as stacks, queues, priority queues, heaps, trees, and graphs. The course discusses advanced algorithms and recursion using ADT. The course also focuses on time and space efficiencies of the algorithms, Big O, Big Theta, and Big Omega notations. Prerequisite: CSC 138, MATH 140.

CSC 334 Adv. Algorithms Design **credit 3 hrs.**

The course covers good principles of algorithm design, and the fundamentals of the Analysis of Algorithm Efficiency. Topics include Brute Force and Exhaustive Search, Divide-and-Conquer, Dynamic Programming and Greedy Technique. Students will learn to apply Big O, Big Theta, and Big Omega notations to analyze time and space efficiencies of the algorithms. Prerequisite: CSC 333.

CSC 335 File Organization and Processing **credit 3 hrs.**

This course presents characteristics and utilization of a variety of storage devices. The concepts of sequential, direct, and index sequential access are discussed. Some file related algorithms and techniques are studied. Prerequisite: CSC 138.

CSC336 Mobile Application Development **credit 3 hrs.**

This course will introduce mobile application development frameworks; Architecture, design and engineering issues, techniques, methodologies for mobile application development. Students will learn to develop mobile applications, including user interface design for mobile, local and cloud data storage techniques, and application architectures. Prerequisite: CSC 237.

CSC 337 Computer Organization and Architecture

(DESIGNATED SERVICE-LEARNING COURSE FOR COMPUTER SCIENCE) credit 3 hrs.

This study is a multilevel view of computer systems and organizations, interconnection of basic components, input-output control, and parallel and pipeline processing. Prerequisite: CSC 133 and CSC 231.

CSC 338 Introduction to Artificial Intelligence **credit 3 hrs.**

This course introduces principles and techniques of artificial intelligence systems. It includes sub-symbolic artificial intelligence, search strategies and heuristic problem solving techniques, knowledge representation formalism, automatic logical deduction, expert systems, and artificial intelligence applications. Prerequisites: CSC 333 and MATH 336.

CSC 339 Data Communication and Networking **credit 3 hrs.**

This course introduces the fundamental principles of data communications and networking along with an overview of computer and network security threats. Topics include protocol architecture, TCP/IP, internet-based applications, data transmission, local area networks, wireless LANS, virtual private networks, SSL, firewalls and malware defense. Prerequisite: CSC 337.

CSC 340 Windows Programming with C++ **credit 3 hrs.**

This course focuses on learning .NET programming environment, Event-based programming, and Windows programming using C++ language. The course will include Microsoft Visual Studio .NET IDE, C++ language syntax, control structures, exception handling, Windows graphical user interface, Graphics and Multimedia, Files and Stream, XML, Database SQL, and ADO.NET. Prerequisite: CSC 138.

CSC 341 Web Programming with C++ **credit 3 hrs.**

This course continues learning .NET programming environment in application to Web design. The course will include Database SQL and ADO.NET, ASP.Net, Web Forms and Web Controls, ASP, .NET and Web Services. Prerequisite: CSC 340.

CSC 430 Principles of Unix **credit 3 hrs.**

This course covers the design and history of the Unix operating system. It details the process and file system data structures, Shell programming in Unix and use of process-forking functionality of Unix to simplify complex problems. Also covered are interprocess communication and coordination and device drivers and streams as interface to hardware features. Prerequisite: CSC 136.

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CSC 431 Programming Languages

credit 3 hrs.

This is an introduction to formal languages and automatic processes; a review of basic data types and structures; control structures and data flow; and implementation of these in a variety of languages (C, C++, Lisp, Prolog, ADA, Modula-2). Prerequisite: CSC 333.

CSC 432 Compiler Theory

credit 3 hrs.

This course is a discussion of compiler techniques used in generating machine language code. Topics include scanning, parsing, code generation, optimization, and error recovery. Prerequisite: CSC 234.

CSC 433 Computer Security

credit 3 hrs.

This course will introduce the basic threats to information resources and appropriate countermeasures. The topic will cover cryptography, identification and authentication, access control models and mechanisms, multilevel database security, steganography, Internet security, and intrusion detection and prevention. Prerequisite: CSC 339.

CSC 434 DataBase Management

credit 3 hrs.

This is the study of organization and design of database systems. Database models and fundamentals of database design are introduced. Topics include database structure and processing, with emphasis on relational database and SQL. Prerequisite: MATH 336 or Permission of the Instructor.

CSC 435 Software Engineering Principles

(DESIGNATED SERVICE-LEARNING COURSE FOR COMPUTER SCIENCE) credit 3 hrs.

This course provides practical experience in Software Systems design. The course develops and integrates skills in applied Computer Science, project management, communication, problem solving, and design methodology. Prerequisite: CSC 333.

CSC 436 Operating Systems ++

(DESIGNATED SERVICE-LEARNING COURSE FOR COMPUTER SCIENCE) credit 3 hrs.

This is a basic study of computer architecture and operating systems. Topics include: instruction sets, I/O and interrupt structures, addressing schemes, microprogramming, procedures implementation, memory management, system structures and evaluation, and recovery procedures. Prerequisite: CSC 138, CSC 337.

CSC 437 Senior Capstone

credit 3 hrs.

This course will guide computer science students to develop a capstone project, serving as a culmination of their studies within the major. The project entails the development of a significant piece of software by a student or a student team, supervised by a designated faculty member within the department and evaluated by a faculty committee. Appropriate topics for the project may synthesize or extend ideas/results from several areas of study from coursework, or develop a topic not normally covered in the curriculum but can be approached by techniques and ideas in the team's academic background. The senior project concludes with the submission of a "product" (i.e. software). It is required of the student to submit a grammatically written paper and to defend his or her project in front of faculty and students. Prerequisites: CSC 334 & CSC 435.

CSC 438 Simulation and Modeling

credit 3 hrs.

This is an introduction to simulation techniques including: discrete models, queuing theory, stochastic systems, and system dynamics. Prerequisites: CSC 333 and MATH 144 or MATH 336.

CSC 439 Special Topics in Computer Science

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This course covers advanced topics in Computer Science and includes Artificial Intelligence and human-computer interfaces (HCI). Prerequisite: CSC 333 or Permission of the Instructor.

MCS 430 Senior Research and Professional Experience

(DESIGNATED SERVICE-LEARNING COURSE FOR COMPUTER SCIENCE) credit 3 hrs.

The course focuses on reading, discussion, investigation, and preparation and presentation of reports on selected topics in Mathematics or Computer Science, under faculty supervision. The course also covers ethical, professional, and social responsibilities of graduates and professional Internship of at least 150 hours. Prerequisite: CSC 333 or Permission of the Instructor.

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PROGRAM OF STUDY IN COMPUTER SCIENCE

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 140	Precalculus	4	MATH 143	Calculus I	4
STEM 111	The College Experience I	1	STEM 112	The College Experience II	1
*CSC 132	Intro to Computing and Programming Concepts	3	*CSC 135	Introduction to Programming	3
HIST 130	African American History	3	*CSC 133	Digital Logic	3
*CSC 139	Web Development	3		Global and Intercultural Learning	3
Total		17	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*CSC 136	Algorithm Design I	3	MATH 336	Discrete Mathematics	3
MATH 144	Calculus II	4	*CSC 138	Algorithm Design II	3
ENG 237	Oral Communication	3	*CSC 234	Theory of Computations	3
STEM 221	Professional Pathways Dev.	2		Health and Wellness	2
*CSC 231	Assembly Language	3		Global and Intercultural Learning	3
*CSC 238	Intro to Computer Security	3	FR/SP/AR 233	Intermediate Foreign Language	3
Total		18	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
PHYS 233	Prin of Physics I	3	PHYS 234	Principles of Physics II	3
PHYS 213L	Prin of Physics I Lab	1	PHYS 214L	Principles of Physics II Lab	1
*CSC 333	Data Structures	3	MATH 236	Probability and Statistics	3
MATH 230	Linear Algebra	3	MATH 237	Differential Equations	3
*CSC 337	Computer Org and Architecture	3	*CSC 334	Adv. Algorithm Design	3
*CSC 237	Mobile Application Development	3	*CSC 338	Intro to Artificial Intelligence	3
			*CSC 336	Mobile Application Development	3
Total		16	Total		19

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*CSC 435	Software Engineering Principles	3	*CSC 436	Operating Systems	3
*CSC 431	Programming Languages	3	*CSC 434	Database Management	3
*CSC 339	Data Comm. & Networking	3	*CSC 437	Senior Capstone	3
*MCS 430	Professional Experience	3	*CSC	CSC Elective	3
Total		12	Total		12

Total SCH 128

SCH in Major* 69

*Major courses require a "C" or better.

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APPLIED COMPUTING MINOR

Information Technology Track (School of Arts and Sciences)

It is designed to apply practical information technology of scientific data processing and analysis in different STEM areas such as Biology, Chemistry, Physics, etc.

- Students will be able to demonstrate the ability to apply the fundamental mathematical data analysis methods used in information technology. (SLO A(1))
- Students will be able to demonstrate the ability to use the related information technology in practical scientific data analysis and processing. (SLO A(2))
- Students will demonstrate the skills to process and analyze scientific data in their disciplines. (SLO B(1))

Students will be able to choose two of the following alternative courses (credit 6 hrs) to strengthen the scientific data analysis skills upon their needs:

- MATH 336 Discrete Mathematics
- MATH 435 Statistical Methods
- MATH 431 Numerical Analysis I
- MATH 432 Numerical Analysis II

Students will be able to choose two of the following alternative courses (credit 6 hrs) to apply the information technology to facilitate scientific data analysis:

- CSC 338 Introduction to Artificial Intelligence
- CSC 434 Database Management
- CSC 438 Simulation and Modeling
- CSC 439 Special Topics in Computer Science

Management Information Track (School of Business and School of Continuing Education) Required Courses:

- ACC 432 Accounting Information Systems (Not for Accounting Major)
- MGT 332 Business Information Systems
- MKT 339 Internet Marketing

Other course candidates are (students may select one 3 or 6 credit hrs course from this group):

- CSC 236 Business Programming
- CSC 335 File Organization and Processing
- CSC 434 Database Management

Mass Communication Track (School of Arts and Sciences)

- Students will be able to use the research toolbox focused on methods of data structuring, manipulation and reporting resulting in effective data journalism. (SLO A(1))
- Students will navigate and use data visualization methods and the emerging tools that support data visualization in media. (SLO A(2))
- Students will acquire an understanding of organizational information systems and data-driven decision support. (SLO B(1))

Required Courses:

- MASS 234 Reporting for New Media
- MASS 431 Digital Imaging Technology
- MASS 436 Research Methods in Mass Communication (special section)

Students will be able to choose one of the following three alternative courses, available either in the Spring or the Fall semesters:

- CSC 236 Business Programming
- MGT 332 Business Information Systems
- MKT 339 Internet Marketing

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Music Industry Concentration Track

Required Courses:

- MUS 211E Electronic Computer Music
- MUS 321 Concert Recording
- MUS 435 Scoring for Film and Multimedia
- MUS 440 Music Industry Internship

Choose One of the following courses:

- CSC 236 Business Programming
- CSC 335 File Organization and Processing
- CSC 434 Database Management

Interdisciplinary Studies Track (School of Continuing Education)

Required Courses:

- CSC 236 Business Programming
- MKT 339 Internet Marketing
- MASS 431 Digital Imaging Technology

Students will be able to choose ONE of the following alternative courses:

- CSC 335 File Organization and Processing
- CSC 434 Database Management

MATHEMATICS COURSES

MATH 132 General College Mathematics I

credit 3 hrs.

This course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical skills in problem solving. Topics include Set Theory, Number theory and the real number system, Equations and Inequalities, Consumer Mathematics and Financial Management.

MATH 134 General College Mathematics II

credit 3 hrs.

This course is an introduction to non-technical applications of mathematics in the modern world. The course is designed to cultivate an appreciation of the significance of mathematics in daily life and develop students' mathematical reasoning. Topics include Algebra: Graphs, Functions and Linear System. Geometry, Counting Methods and Probability Theory, and Statistics. Prerequisite: MATH 132.

MATH 126 Introduction to Mathematical Software

credit 2 hrs.

This course provides an introduction to the use of software packages which are useful to mathematics students. The course will provide students with basic skills in the use of *Matlab* for numerical computing and *TeX/LaTeX* for mathematical documents. Only for STEM majors.

MATH 138 College Algebra

credit 3 hrs.

The course covers rational expressions, roots and radicals, quadratic equations, relations and functions, graph of polynomial and rational functions, zeros and factors of polynomial functions, matrices and determinants, systems of equations and inequalities.

MATH140 Precalculus

credit 4 hrs.

The course covers exponential and logarithmic functions, linear programming, trigonometry, laws of sine and cosine, trigonometric forms of complex numbers, sequences and counting principles. Prerequisite: MATH 138.

MATH 143 Calculus I

credit 4 hrs.

This course covers in depth the differential calculus portion of a three-course calculus sequence. Topics include limits, continuity, and derivatives of algebraic and transcendental functions of one variable, with applications of differential calculus to real-world problem areas. Upon completion of this course, students should be able to apply differentiation techniques to algebraic and transcendental functions. An introduction to integration concludes the course. Prerequisite: MATH 140 (Pre-Calculus) or its equivalent.

MATH 144 Calculus II

credit 4 hrs.

This course is a continuation of Calculus I, covering integration, sequence, and infinite series. It is designed for students working on a degree in science, mathematics, computer science, and those planning on certain types of graduate work. Prerequisite: MATH 143 (Calculus I) or its equivalent.

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MATH 230 Linear Algebra

credit 3 hrs.

The course covers matrices and systems of linear equations: Gaussian elimination, Echelon form, matrix operations, matrix inverse, solution sets of systems of linear equations, real-world applications; vector spaces and linear transformations: vector space, the image space, orthogonal basis, Gram-Schmidt Theorem; determinants and eigenvalue problems; properties of determinants, Cramer rule, characteristic polynomial, Eigenspaces, diagonalization; Eigenvalues and applications: Prerequisite: MATH 144.

MATH 241 Calculus III

credit 4 hrs.

This course extends ideas of single variable calculus to higher dimensions and is aimed primarily at students whose majors are science, engineering or mathematics. The focus is on multi-dimensional calculus, including the study of functions of several variables, partial derivatives, and optimization problems using various techniques. Topics covered include vectors, vector-valued functions, parametric curves and three dimensional surfaces. Prerequisite: MATH 144.

MATH 233 Introduction to Advanced Mathematics

credit 3 hrs.

This course will introduce students to logical reasoning and mathematical proofs. Students will make the transition from calculation based mathematics to the theory of mathematics. This course serves as a bridge to advanced topics in mathematics. Prerequisite: MATH 144.

MATH 236 Probability and Statistics ++

(DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This is an introductory course in statistics and covers frequency distributions; graphic representations of frequency distributions; measures of central tendency and variations: Bayes's Theorem; Discrete and continuous distributions, Inferential Statistics. Prerequisite: MATH 140.

MATH 237 Differential Equations I

credit 3 hrs.

This course addresses covers elementary ordinary differential equations of first order, higher order linear equations, D-operator techniques, and Laplace transform and series method and applications to the physical sciences and engineering. Prerequisite: MATH 144.

MATH 238 Differential Equations II

credit 3 hrs.

The Course covers theoretical aspects of the solutions of differential equations, proof of the existence and uniqueness of such solutions, power series methods, linear systems of differential equations including the eigenvalue method for homogeneous systems, introduction to nonlinear systems, introduction to partial differential equations and boundary value problems. Prerequisite: MATH 237.

MATH 330 Optimization I

credit 3 hrs.

The new course will give an introduction to linear optimization and to integer linear optimization. Emphasis will be given to model formulation, basic theory solution techniques and algorithms, and to the use of modeling software. Topics covered will include linear programming formulations, the simplex algorithm, duality, and integer programming formulations. This is a course for students at the junior level. Prerequisite: MATH 230.

MATH 332 Optimization II

credit 3 hrs.

This course will provide an integrated view of the theory, algorithms, and the applications of key network optimization problems with applications to several areas including scheduling, transportation, and others. Prerequisite: MATH 330.

MATH 331 Modern Geometry

credit 3 hrs.

This study presents Euclid geometry: the origin of geometry, axiomatic method; Euclid's first four postulates; Incidence geometry: models, isomorphism of models, projective and affine plane; the discovery of non-Euclidean geometry: Hilbert's axioms, Neutral geometry, Hyperbolic geometry; geometric transformations: applications of geometric problems, motions and similarities, automorphisms of the Cartesian Models in the Poincare Model. Prerequisite: MATH 233.

MATH 334 Complex Variables

credit 3 hrs.

The course covers the complex plane, functions of a complex variable, Cauchy-Riemann equations, complex integration, theorems of Morera and Liouville, power series, singular points, residues, Laurent expansion, contour integration, and elementary conformal mappings. Prerequisite: MATH 241.

MATH 335 Number Theory

credit 3 hrs.

This course covers the essential, core material for a number theory course. Topics covered include divisibility, primes, factoring, and greatest common divisors; congruence; Polynomial congruence, the

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Chinese Remainder Theorem; Diophantine equations; Dirichlet's theorem on primes. Prerequisite: MATH 233.

MATH 336 Discrete Mathematics **credit 3 hrs.**

The course covers logic, propositional logic, predicate logic, proof techniques, mathematical induction, recursion analysis algorithms, recurrence relations, sets and combinations, principle of inclusion and exclusion, permutation and combinations, generating functions, graphs and trees, binary relations and Warshall's algorithm, decision trees, and Hamiltonian circuits, minimal spanning tree. Prerequisite: MATH 144.

MATH 337 Abstract Algebra I **credit 3 hrs.**

This course will serve as a first level introduction to the principles and concepts of the primary structures of algebra: groups, rings, and fields. This course is for students working on a degree in mathematics and for others with the necessary background who are interested. Prerequisite: MATH 233.

MATH 338 Abstract Algebra II **credit 3 hrs.**

This course is a continuation of Abstract Algebra I. The course covers, Ring theory (ideals, polynomials, factorization), Advanced linear algebra (quadratic forms, canonical forms), and Field theory (extensions, Galois theory, solvability in radicals). This course is for students working on a degree in mathematics and for others with the necessary background who is interested. Prerequisite: MATH 337.

MATH 339 History of Mathematics **credit 3 hrs.**

This course introduces students to the historical development of mathematics. Students will be exposed to problem-solving methods and techniques. This course will cover the development of mathematics from early counting to the present.

MCS 430 Senior Research and Professional Experience (DESIGNATED SERVICE-LEARNING COURSE) **credit 3 hrs.**

This course provides students with experience in the fields of mathematics and/or computer science and involves on-the-job training in an organization, agency, business or industry. Student must be classified as a junior or senior. The internship assignment must be approved by the Internship Committee of the department. In addition, students will work independently on a research topic of interest to them under the guidance of a faculty member and present their findings at the end of the semester.

MATH 431 Numerical Analysis I **credit 3 hrs.**

This course covers interpolation; approximations; numerical differentiation and integration. Prerequisites: MATH 336, MATH 144, and MATH 126, CSC 138.

MATH 432 Numerical Analysis II **credit 3 hrs.**

This course covers numerical techniques in linear algebra. Numerical solution of transcendental equations, systems of linear equations, Milne's method, Runge-Kutta method, modeling of continuous discrete systems, and approximation to computer based functions, Prerequisite: MATH 431.

MATH 433 Introduction to Partial Differential Equations **credit 3 hrs.**

Course Description: This course introduces the basic methods of PDEs guided by applications in the sciences and engineering. Some of the main topics to be covered include; Linear First and second order PDEs, Characteristics, Classification of PDEs, Separation of variables, Fourier series, Heat conduction, vibrating membranes, boundary value problems, Sturm-Liouville problems. Prerequisites: MATH 237 and MATH 238.

MATH 435 Statistical Methods **credit 3 hrs.**

This course is designed to give the students the fundamental ideas of statistical analysis that is not necessarily in a mathematically rigorous fashion. The logic of statistical procedure will be developed without resorting to mathematical derivations or proofs. It is hoped that they will motivate students in pursuing further studies in statistics. The course will cover random variables and their distributions; samples and sampling distributions, sampling and nonsampling errors; estimation, determination of the sample size, use of statistical software packages; hypothesis testing, relationship between hypothesis testing and confidence interval estimation; hypothesis concerning the population variance and standard deviation; hypothesis testing two populations; analysis of variance, simple regression and correlation, multiple correlation and regression; nonparametric statistics; statistical decision making. Prerequisite: MATH 236.

MATH 436 Applied Probability **credit 3 hrs.**

This course is concerned with the nature, formulation, and analysis of probabilistic situations. The course covers Discrete and Continuous sample spaces and probability; random variables;

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distributions; independence; expectation and generating functions; Markov chains. Prerequisites: MATH 144 and MATH 236.

MATH 437 Mathematical Analysis I

credit 3 hrs.

This is a study of techniques of proof, sets, functions, structure of real numbers, the completeness axiom, density of rational numbers in real numbers, epsilon-delta argument, sequences to include convergence, limit theorems, monotone sequences and subsequences, continuity of functions, continuity and sequences, differentiation to include definitions and Mean Value Theorem. Prerequisite: MATH 233.

MATH 438 Mathematical Analysis II

credit 3 hrs.

The course covers sequences (revisited), Bolzano-Weierstrass Theorems, Cauchy sequences, limits at infinity; continuity of functions to be revisited including limits of functions, uniform continuity, and discontinuities, integrals and its properties, the Fundamental Theorem of Calculus, convergence and divergence of infinite series, absolute and conditional convergence, sequences and series of functions, power series. Prerequisite: MATH 437.

MATH 439 Special Topics in Mathematics (DESIGNATED SERVICE-LEARNING COURSE)

credit 3 hrs.

This course provides students with topics in areas of mathematics not included in the regular course offerings. Contents and prerequisites vary; written permission to enroll is required. This course serves both to give students an appreciation of mathematics and expose students to different areas of mathematics to spark their interest in further study mathematics topics.

This course provides students with experience in the fields of mathematics and/or computer science and involves on-the-job training in an organization, agency, business or industry. Student must be classified as a junior or senior. The internship assignment must be approved by the Internship Committee of the department. In addition, students will work independently on a research topic of interest to them under the guidance of a faculty member and present their findings at the end of the semester.



PHYSICS AND ENGINEERING PROGRAM

MISSION

The mission of the Physics and Engineering Program is to serve as an effective pipeline for training and developing a new generation of scientists and engineers capable of finding solutions to current and future societal technical problems.

The program offers coursework and hands-on experience that facilitates discovery and application of knowledge in preparation for professional service, graduate study, and significant contributions to the scientific community.

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Benedict College is one of only two undergraduate Environmental Engineering programs in South Carolina that trains and empowers engineers who will become effective stewards and champions of environmental justice and sustainability and provides a workforce pipeline increasing the number of minorities in the environmental engineering field.

REQUIREMENTS

Students with a major in the department must complete the required courses in their field. A minimum grade of "C" must be earned in all major courses taken in the major. All incoming Freshman Physics and Engineering majors who have taken College Algebra and Pre-Calculus in high school will be given MATH 138 and MATH 140 exemption tests to determine if they may enroll in MATH 143 Calculus or if they need to take MATH 138 College Algebra, and MATH 140 PreCalculus as prerequisites. Students who did not take College Algebra and Pre-Calculus in high school are required to take MATH 138 College Algebra, and MATH 140 Pre-Calculus before taking MATH 143 Calculus I. Students are advised to follow their programs of study as outlined and to consult with their major area advisors before enrolling in courses.

Required Senior Design Project

EE	427	Senior Design
EE	428	Senior Design
CE	427	Senior Design
CE	428	Senior Design
ENVE	427	Senior Design
ENVE	428	Senior Design Project II

Required Activities

All Physics and Engineering Majors must take STEM 111, STEM 112, and STEM 221.

All Engineering Majors must take the following courses:

ENGR 130 Introduction to Engineering

credit 3 hrs.

This course introduces engineering to engineering and physics students. It covers engineering ethics, team work, communication skills, and problem solving Skills. This course covers quantitative topics including fundamental units and conversions, basic statistics, graphical analysis of data, and computing using Excel and MATLAB. Prerequisite: None.

ENGR 321 Engineering Professional Development

credit 2 hrs.

This course will cover skills necessary to prepare engineering students to apply for jobs and enter the technical workforce or graduate school. Topics include development of resumes, cover letters, interview skills, timelines, and requirements for graduate school, internship applications, the importance of professional certifications, and introduction to technical writing, and engineering ethics. Prerequisite: STEM 221 or Permission of Instructor.

ENGR 331 Engineering Economics

credit 3 hrs.

Students will learn the fundamentals of economics related to engineering decision making. Concepts to be covered include manpower, resource, equipment and process selection, costs, cost/benefit analyses, project risk and uncertainty, replacement decisions, and making economic comparisons that include current and projected revenue costs. This course will focus heavily on calculation-based analyses that will include: capital costs, revenue, taxes, appreciation, depreciation, replacement costs, one-time costs, recurring costs, and project scheduling. Prerequisite: Junior or Senior Status.

COMPUTER AND ELECTRICAL ENGINEERING COURSES

EE 231 Circuits I

credit 3 hrs.

Linear circuit analysis and design course. Topics include fundamental concepts of charge, current, voltage and power; passive and active circuit elements, phasors and impedances; mesh and nodal analysis; Thevenin's and Norton's Theorems; source transformations, and AC power calculations. Prerequisite: MATH 143.

EE 211L Circuits I Lab

credit 1 hr.

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Students will use equipment such as oscilloscope, function generator, digital meter, and power supply to measure AC and DC voltages and currents in circuits designed with resistors, capacitors and inductors. They also use Multisim to implement and verify the design of circuits containing resistors, capacitors and inductors and make comparison between analytical and measurement results and justify discrepancies between theory and measurements. Co-requisite: EE 231.

EE 232 Circuits II

credit 3 hrs.

A continuation of Circuit Analysis I. Additional topics are: Transient response for RL, RC, and RLC circuits, Laplace transforms and circuit theory, Passive and Active filter types, Operational Amplifiers, and Fourier series analysis. Prerequisite: EE 231.

EE 212L Circuits II Lab

credit 1 hr.

Students will use equipment such as oscilloscope, function generator, digital multimeter, and power supply to measure frequency response and transient analysis in circuits designed with resistors, capacitors and inductors. They also use Multisim to implement and verify the frequency response and transient analysis in circuits designed with resistors, capacitors and inductors and make comparison between analytical and measurement results and justify discrepancies between theory and measurements. Co-requisite: EE 232

EE 233 Electronics I

credit 3 hrs.

Intro to solid state devices: the p-type and the n-type junctions; Diodes and applications; BJT Biasing and small signal analysis; BJT amplification; CMOS Biasing and small signal analysis, CMOS amplification; Switching circuits using Diodes, BJT, and CMOS circuits. Prerequisite: MATH 143 and EE 231.

EE 213L Electronics I Lab

credit 1 hr.

Students will use equipment such as oscilloscope, function generator, digital multimeter, and power supply to measure voltages and currents in circuits designed using diodes, BJT, and JFET devices. They will use Multisim to implement and verify the design of electronic circuits containing diode, BJT and JFET devices and make comparison between analytical and measurement results and justify discrepancies between theory and measurements. Co-requisite: EE 233.

EE 330 Systems and Signals

credit 3 hrs.

Analysis of linear systems: classical and modern; Systems and differential equations; Fourier series and transform; Laplace transform and its applications; transfer functions and impulse response; Introduction to analogue filter design. Prerequisite: MATH 144 and EE 232.

EE 332 Digital Signal Processing

credit 3 hrs.

Discrete-time systems; Difference equations; Z-transform; Discrete time Fourier transform; and discrete Fourier transform; Frequency spectrum and sampling theorem. Digital filter design; Realization and implementation of Digital filters; Discrete - time systems; design of digital filters; Introduction to random signals and power spectral estimation. Prerequisite: EE 330.

EE 333 Electromagnetics

credit 3 hrs.

Basic concepts of electrostatics and magneto static; boundary conditions for dielectric and magnetic materials; Poisson's and Laplace's equations; time-varying fields and Maxwell equations; plane wave propagation in Free space; dielectrics and conductors; transmission lines. Prerequisite: PHYS 244. Corequisite: MATH 241.

EE 334 Electronics II

credit 3 hours

Theory and Application of linear integrated circuits. Topics include ideal and real operational amplifiers, Frequency response and compensation, active filters, comparators, and wave for generators. Prerequisite: EE 233.

EE 314L Electronics II Lab

credit 1 hr.

Students will use equipment such as oscilloscope, function generator, digital multimeter, and power supply to measure AC and DC voltages and currents in amplifier circuits designed with BJT, and JFET transistors. They will use Multisim to implement and verify the design of electronic circuits containing the BJT, and JFET transistors and make comparison between analytical and measurement results and justify discrepancies between theory and measurements. Co-requisite: EE 334.

EE 427 Senior Design Project I

credit 2 hrs.

(DESIGNATED SERVICE-LEARNING COURSE).

Planning, design, construction and/or management of an engineering project that handles contemporary engineering problems under the supervision of one or more faculty members. The course allows the student to apply the knowledge attained from the various courses of the undergraduate program to

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prepare the proper approach of solution to his or her project problem. One lecture per week. Prerequisite: Graduating Senior.

EE 428 Senior Design Project II (DESIGNATED SERVICE-LEARNING COURSE) credit 2 hrs.

Continuation of EE 427. Students are expected to complete their chosen design project. It is required that the student submit a well written report and to defend his or her project in front of faculty and students. Two lectures per week. Prerequisite: EE 427.

EE 331 Instrumentations and Measurements credit 3 hrs.

In this course students will be introduced to the International Systems of Units (SI) and use appropriate measurement method and instrument in collecting data. They will also use basic instrumentation equipment such as oscilloscope, function generator, digital multimeter, power supply, and computer – based data acquisition software, to acquire data for further computer processing. Basic operations of instrumentation sensors will be covered. Prerequisite: EE 334

EE 431 Communication Systems credit 3 hrs.

Spectral analysis and signal transmission channel design; amplitude, Frequency, phase, and pulse modulation systems; Frequency - division and time -division multiplexes systems; digital communication; noise and its effects in modulation systems. Prerequisite: EE 330.

EE 433 Electric Energy and Power Systems credit 3 hrs.

Mechanical and Electromagnetic Fundamentals; Three-Phase circuits; transformers; AC machinery fundamentals, synchronous machines, parallel operation of synchronous generators; induction motors, DC motors; transmission lines; power system representation and equations; introduction to power-flow studies; Symmetrical Faults, Unsymmetrical faults and computer based projects will be assigned. Prerequisite: EE 333.

EE 434 Control Systems credit 3 hrs.

Control system analysis and design: classical and modern; transfer functions, state-space techniques; time domain analysis and design; Frequency domain analysis and design; stability analysis; prototyping. Prerequisite: EE 330.

EE 435 Applied Electromagnetics credit 3 hrs.

Electromagnetic theory applied to problems in the areas of waveguides, radiation, electro-optics and electromagnetic interference and electromagnetic compatibility. This course introduces the transmission lines and its application, plane wave propagation, and satellite communication systems and radar sensors. Prerequisite: EE 333.

EE 439 Special Topics in Electrical Engineering credit 3 hrs.

Course covers advanced topics in systems and signals, communication systems and digital signal processing. Prerequisite: Graduating Senior.

CE 231 Digital Circuits credit 3 hrs.

Basic concepts of the binary system; logic gates; combinational and sequential logic design and analysis. Students will be introduced to the design using Spice and Hardware. Prerequisites: MATH 138.

CE 211L Digital Circuits Lab credit 1 hr.

Students will use Digital Circuit Design Trainers with combinational and sequential digital logic integrated components to design and test logic circuits. They will also use Multisim with combinational and sequential digital logic integrated components to design and test logic circuits and make comparison between analytical and measurement results and justify discrepancies between theory and measurements. Co-requisite: CE231.

CE 332 Embedded Systems (DESIGNATED SERVICE-LEARNING COURSE) credit 3 hrs.

Microprocessor architecture, instruction set and operation; assemblers and assembly language programming; write, assemble, link, execute, and debug programs running on a single board microcomputer; interface the single board microcomputer to a variety of peripheral devices using serial and parallel communications; interrupt control; measure the execution times of programs running on a single board microcomputer. Prerequisite: CE241.

CE 427 Senior Design Project I (DESIGNATED SERVICE-LEARNING COURSE) credit 1 hr.

Planning, design, construction and/or management of an engineering project that handles contemporary engineering problems under the supervision of one or more faculty members. The course allows the

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student to apply the knowledge attained from the various courses of the undergraduate program to prepare the proper approach of solution to his or her project problem. One lecture per week. Prerequisite: Graduating Senior.

CE 428 Senior Design Project II

(DESIGNATED SERVICE-LEARNING COURSE)

credit 2 hrs.

Continuation of CE 427. Students are expected to complete their chosen design project. It is required that the student submit a well written report and to defend his or her project in front of faculty and students. Two lectures per week. Prerequisite: CE 427.

CE 436 VLSI System Design

credit 3 hrs.

This course focuses on the design and synthesis of Very Large Scale Integrated (VLSI) chips using CMOS technology for complex digital systems using integrated circuit cells as building blocks and employing hierarchical design methods. Commercial design software will be used for laboratory exercises. An overview of VLSI computer-aided design (CAD) tools and theoretical concepts in VLSI architectures and algorithms will also be discussed. Prerequisites: EE 233 and CSC 337.

CE 439 Special Topics in Computer Engineering

credit 3 hrs.

Course covers advanced topics in embedded systems and VLSI system design. Prerequisite: Graduating Senior.

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PROGRAM OF STUDY IN COMPUTER ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143	Calculus I	4	MATH 144	Calculus II	4
HIST 130	Afr. American History	3	CSC 135	Principles of Programming	3
CSC 132	Introduction to Computing & Programming Concepts	3		Global and Intercultural	3
ENGR 130	Introduction to Engineering	3	STEM 112	The College Experience II	1
STEM 111	The College Experience	1			
Total		17	Total		14

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
MATH 237	Differential Equations	3	CSC 138	Algorithm Design II	3
*CSC 231	Assembly Language	3	MATH 230	Linear Algebra	3
CSC 136	Algorithm Design I	3	*EE 232	Circuits II	3
*EE 231	Circuits I	3	*EE 233	Electronics I	3
*CE 231	Digital Circuits	3	*EE 213L	Electronics I Lab	1
*EE 211L	Circuits I Lab	1	*EE 212L	Circuits II Lab	1
*CE 211L	Digital Circuits Lab	1	STEM 221	Professional Pathways Dev.	2
Total		17	Total		16

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*EE 330	Systems and Signals	3	PHYS 234	Principles of Physics II	3
*CSC 333	Data Structures and Algorithms	3	FR/SP/AR 233	Intermediate Foreign Language	3
*CSC 337	Computer Org and Architecture	3	MATH 336	Discrete Mathematics	3
PHYS 233	Principles of Physics I	3	MATH 236	Probability and Statistics	3
*EE 334	Electronics II	3	ENG 237	Oral Communication	3
ENGR 321	Engineering Professional Dev.	2	PHYS 214L	Principles of Physics II Lab	1
*EE 314L	Electronics II Lab	1		Global and Intercultural	3
PHYS 213L	Principles of Physics I Lab	1			
Total		19	Total		19

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*EE 431	Communication Systems	3	*CSC 436	Operating Systems	3
*CSC 435	Software Engineering	3	*CE 428	Senior Design Project II	2
	Health and Wellness	2	*CE 436	VLSI Design	3
ENGR 331	Engineering Economics	3	*EE 332	Digital Signal Processing	3
*CE 427	Senior Design Project I	2	*CE 332	Embedded Systems	3
Total		13	Total		14

Total SCH 129

SCH in Major* 54

*Major courses require a "C" or better.

SCHOOL OF ARTS AND SCIENCES

PROGRAM OF STUDY IN ELECTRICAL ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143	Calculus I	4	MATH 144	Calculus II	4
HIST 130	Afr. American History	3	CSC 135	Principles of Programming	3
CSC 132	Introduction to Computing & Programming Concepts	3		Global and Intercultural Learning	3
ENGR 130	Introduction to Programming	3	STEM 112	The College Experience II	1
STEM 111	The College Experience	1			
Total		17	Total		14

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
MATH 237	Differential Equations	3	PHYS 234	Principles of Physics II	3
PHYS 233	Principles of Physics I	3	MATH 336	Discrete Mathematics	3
CSC 136	Algorithm Design I	3	*EE 232	Circuits II	3
*EE 231	Circuits I	3	*EE 233	Electronics I	3
*CE 231	Digital Circuits	3	*EE 213L	Electronics I Lab	1
*EE 211L	Circuits Lab I	1	*EE 212L	Circuits II Lab	1
*CE 211L	Digital Logic Lab	1	STEM 221	Professional Pathways Dev.	2
PHYS 213L	Principles of Physics I Lab	1	PHYS 214L	Principles of Physics II Lab	1
Total		18	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*EE 330	Systems and Signals	3	PSYS 332	Dynamics	3
MATH 241	Calculus III	4	FR/SP/AR 233	Intermediate Foreign Language	3
ENG 237	Oral Communication	3	*EE 333	Electroanetics	3
MATH 230	Linear Algebra	3	MATH 236	Probability and Statistics	3
*EE 334	Electronics II	3		Global and Intercultural	3
ENGR 321	Engineering Professional Dev.	2		Health and Wellness	2
*EE 314L	Electronics II Lab	1			
Total		19	Total		17

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
*EE 431	Communication Systems	3	*EE 434	Control Systems	3
*CSC 231	Assembly Language	3	*EE 428	Senior Design Project II	2
*EE 433	Electric Energy Power Systems	3	*EE435	Applied Electromagnetics	3
ENGR 331	Engineering Economics	3	*EE 332	Digital Signal Processing	3
*EE 427	Senior Design Project I	2	*CE 332	Embedded Systems	3
Total		14	Total		14

Total SCH 130

SCH in Major* 51

*Major courses require a "C" or better.

Courses in Environmental Engineering Program of Study**ENGR 132 Engineering Graphics and Design****credit 3 hrs.**

This course is an introduction to computer-aided engineering graphics, covering fundamentals of CAD, 2D drawings, lettering, and dimensioning, sketching, and geometric construction. The course also involves the application of CAD, Orthographic projection, sectional views, 3D drawing. Prerequisite: None.

**ENVE 230 Environmental Engineering Fundamentals I
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course provides knowledge of environmental elements with insight into quantitative analysis and design where applicable. Topics include mass and energy transfer and balances; environmental chemistry; mathematics of growth and decay; risk assessment and management; surface water pollutants, biological and chemical oxygen demands; eutrophication; water supply systems and drinking water standards; wastewater treatment systems and effluent standards; groundwater flow, contaminant transport, and remediation technologies. Prerequisite: ENGR 110, BIO 137, CHEM 137.

ENVE 210L Environmental Engineering Fundamentals Lab**credit 1 hr.**

Students will gain knowledge and skills relevant to analysis of environmental data, and participate in hands-on activities that reinforce the theoretical principles covered in ENVE 230. Laboratory experiments will be designed to accentuate instrumentation and equipment used in combination with physical, chemical, and biological processes that control material fate and transport in environmental and engineered systems. Prerequisites: CHEM 138 and CHEM 118L or Permission of the Instructor.

**ENVE 231 Environmental Engineering Fundamentals II
(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course provides knowledge of environmental elements with insight into quantitative analysis and design where applicable. Topics include waste and pollution prevention; remedial and corrective actions at contaminated sites; air pollution sources, control technologies, and atmospheric stability; ambient air quality standards and indoor air quality; global temperature, greenhouse effect and warming potential; global energy balance, carbon emission, and stratospheric ozone depletion; solid waste management, landfill disposal, combustion, composting, and recycling; medical waste; and environmental law, ethics, and justice. Field trips are integrated into the classes. Prerequisite: ENVE 230.

ENVE 233 Engineering Geology**credit 3 hrs.**

This course covers the fundamentals of geology relevant to civil and environmental engineers. Topics include rock and mineral types, soil types and properties, soil and rock mechanics, geological hazard assessment, and slope stability. Instruction is conducted through lecture, laboratory exercises, and case studies. Prerequisite: None.

ENVE 330 Environmental Chemistry**credit 3 hrs.**

Students will learn about chemical processes occurring in water, air, and soil. Subjects covered in the class will include: dissolution, precipitation, chemical equilibrium, acid-base reactions, oxidation and reduction reactions, absorption of radiation by atmospheric gases, the greenhouse effect, and the chemistry of clays. The laboratory component of the class will focus on demonstrating concepts such as precipitation and oxidation and reduction reactions. Prerequisites: CHEM 138, CHEM 118L, or Permission of the Instructor.

ENVE 331 Introduction to Fluid Mechanics**credit 3 hrs.**

Introduction to fluid mechanics, including hydrostatics and fluid flow. Includes principles of mass, momentum, and energy conservation. Other topics include conduit flow, pump systems, and open channel flow. Laboratory experiments familiarize students with laboratory techniques and instrumentation. Prerequisites: PHYS 233, PHYS 213L, and MATH 143.

ENVE 311L Fluid Mechanics Lab**credit 1 hr.**

This course is an introduction to fluid mechanics, including hydrostatics and fluid flow. Lab topics include measurement of fluid properties, Bernoulli Equation, and fluid kinematics. Co-requisite: ENVE 331.

ENVE 333 Sustainable Engineering**credit 3 hrs.**

Sustainable engineering involves the responsible use of resources in a way that does not compromise the ability of future generations to meet their own needs. Shifting to sustainable engineering requires review of the short and long-term social, economic, and environmental impacts of engineering solutions. We will examine processes for sustainable land development and resource use, perform life cycle

assessments, and review cases of sustainable engineering solutions at the local and global scale. Prerequisite: ENVE 231.

ENVE 337 Groundwater Hydrology**credit 3 hrs.**

This course covers fundamentals of subsurface flow and transport, emphasizing the role of groundwater in the hydrologic cycle, the relation of groundwater flow to geologic structure, and the management of contaminated groundwater. The class includes laboratory and computer demonstrations. Prerequisite: ENVE 331.

ENVE 427 Senior Design Project I**(DESIGNATED SERVICE-LEARNING COURSE)****credit 2 hrs.**

Planning, design, construction and/or management of an engineering project that handles contemporary engineering problems under the supervision of one or more faculty members. The course allows the student to apply the knowledge attained from the various courses of the undergraduate program to prepare the proper approach of solution to his/her project problem. Prerequisite: Graduating Senior.

ENVE 428 Senior Design Project II**(DESIGNATED SERVICE-LEARNING COURSE)****credit 2 hrs.**

This course is a continuation of ENVE 427. Students are expected to complete their chosen design project. It is required that the student submit a well written report and to defend his/her project in Front of faculty, staff and students. Prerequisite: ENVE 427.

ENVE 430 Environmental Microbiology**credit 3 hrs.**

This course will cover microbially-mediated nutrient cycling in the environment, especially the Carbon, Nitrogen, Oxygen, and Sulfur cycles. In addition, the course will also cover microbial kinetics, aerobic vs. anaerobic processes, the role of microbes in wastewater treatment, and bioprocess engineering. Several lab exercises focused on culture-dependent and culture-independent identification of bacteria will be covered. Prerequisite: BIO 137.

ENVE 431 Soil and Groundwater Pollution**Remediation and Site Assessment****credit 3 hrs.**

This course will cover common pollutants of soil and groundwater associated remediation technologies used by environmental practitioners, including pump and treat, chemical oxidation/ reduction and bioremediation. The course will also contain a unit on assessment of contaminated sites. Prerequisites: ENVE 231 and ENVE 337.

PROGRAM OF STUDY IN ENVIRONMENTAL ENGINEERING

FRESHMAN YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
ENG 131	Analysis & Argumentation	3		ENG 132	Information, Literacy & Research	3	
MATH 143	Calculus I	4		MATH 144	Calculus II	4	
BIO 137	Principles of Biology I	3		ENGR 132	Engineering Graphics and Design	3	
BIO 117L	Principles of Biology I Lab	1		HIST 130	Afr. American History	3	
ENGR 130	Introduction to Engineering	3			Global and Intercultural	3	
STEM 111	The College Experience	1		STEM 112	The College Experience II	1	
Total		15		Total		17	

SOPHOMORE YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
MATH 237	Differential Equations	3		CHEM 138	Principles of Chemistry II	3	
*ENVE 230	Env. Engineering Fund I	3		CHEM 118L	Principles of Chemistry II Lab	1	
*ENVE 210L	Env. Engineering Fund I Lab	1		PHYS 234	Principles of Physics II	3	
CHEM 137	Principles of Chemistry I	3		PHYS 214L	Principles of Physics II Lab	1	
CHEM 117L	Principles of Chemistry I Lab	1		*ENVE 231	Env. Engineering Fund II	3	
PHYS 233	Principles of Physics I	3		MATH 236	Probability and Statistics	3	
PHYS 213L	Principles of Physics I Lab	1			Health and Wellness	2	
STEM 221	Professional Pathways Dev.	2		Total		16	
Total		17		Total		16	

JUNIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
ENG 237	Oral Communication	3		*ENVE 330	Environmental Chemistry	3	
*ENVE 233	Engineering Geology	3		*ENVE 337	Groundwater Hydrology	3	
*ENVE 331	Intro to Fluid Mechanics	3		PHYS 332	Dynamics	3	
*ENVE 311L	Fluid Mechanics Lab	1		FR/SP/AR 233	Intermediate Foreign Language	3	
MATH 241	Calculus III	4			Global and Intercultural	3	
PHYS 331	Statics	3		Total		15	
ENGR 321	Engineering Professional Dev.	2		Total		15	
Total		19		Total		15	

SENIOR YEAR

<i>First Semester</i>			<i>SCH</i>	<i>Second Semester</i>			<i>SCH</i>
*ESC 230	Solid Hazd. Waste Mgt	3		*ENVE 428	Senior Design Project II	2	
*ESC 439	Water/Wastewater Treatment	3		*ENVE 431	Soil and GW Pollution Remed.	3	
*ESC 419	Water/Wastewater Treatment Lab	1		*ENVE	ENVE Elective	3	
*ENVE 427	Senior Design Project I	2		STEM	STEM Elective	3	
PHYS 334	Thermal Physics	3		*ESC 331	Air Pollution Control	3	
ENGR 331	Engineering Economics	3		Total		14	
Total		15		Total		14	

Total SCH 128

SCH in Major* 40

*Major courses require a "C" or better.

Courses in Transportation Engineering and Logistics Studies**TRP 230 Introduction to Transportation****credit 3 hrs.**

This course will introduce the student to the fundamentals of transportation engineering – From planning and design to operations. The multimodal nature of transportation will be demonstrated by studying non-highway modes. The relationship of transportation to other disciplines – even disciplines outside engineering – will become clear. Perhaps most important, the student will see how a transportation engineer can – and should – practice the profession in today's world. Prerequisite: MATH 143 or Permission of the instructor.

TRP 330 Internship**credit 3 hrs.**

Internship integrates classroom study with planned and supervised experiences in business, government, and social institutions outside the formal classroom environment. Field work experiences must be appropriate and lend themselves to direct supervision by an assigned coordinator. If field work spaces cannot be secured off campus, research/other positions at the College will be used to provide the equivalent experiences necessary to fulfill this requirement. Additionally, a senior research paper will be written.

TRP 331 Transportation Planning**credit 3 hrs.**

The course will help students focus on transportation planning and analysis methods. The following transportation topics will be covered: (a) transportation problems, (b) transportation data, (c) transportation planning tools for alternatives analysis, (d) behavioral basis of transportation planning models, and (e) interactions among stakeholders that include local, regional and state officials, citizens and interest groups. Overall, students will have a chance to learn about transportation models and also contribute ideas to real-life transportation projects. Prerequisite: TRP 230 or Permission of the instructor.

TRP 332 Transportation Policy and Regulation Analysis**credit 3 hrs.**

This course will cover the relationship between land use and transportation, landmark transportation planning-related policies, traditional four-step planning process and the respective mathematical models and algorithms, noise and air quality issues, and transportation systems capacity analysis. Prerequisite: TRP 230 or Permission of the Instructor.

TRP 333 Supply Chain Management**credit 3 hrs.**

Design and management of systems that coordinate information and material flows within and between firms in a supply chain. Addresses planning basics, system alternatives, and advanced value stream synchronization. Management activities and models in the areas of sourcing, inventory management, and logistics that help frame, structure, and solve decisions that pertain to various aspects of supply chain management. Prerequisite: Permission of the Instructor.

TRP 334 Hazardous Material Transportation**credit 3 hrs.**

The maintenance and cleaning of transportation vehicles such as trucks, automobile, and rail car can result in broad array of contaminants in wastewater, which can affect the drinking systems. This course will tackle environmentally friendly and sustainable methods for cleaning and maintenance without harming the environment. Prerequisite: TRP 230 or Permission of the Instructor.

TRP 335 Traffic Engineering**credit 3 hrs.**

This course deals with the technical aspects of traffic engineering. It covers the analytical procedures and computational methods employed in a wide variety of tasks related to traffic operations and control. A person who completes this course will be able to identify operational problems to carry out traffic engineering studies and evaluate alternative solutions. Prerequisite: TRP 230 or Permission of the Instructor.

TRP 337 Highway Design**credit 3 hrs.**

The course aims to provide a basic understanding of highway design principles. The geometric design portion will focus on the safety, economic and operational repercussions of alternative design strategies and standards. Pavement design will be treated in the context of a pavement management system. Prerequisite: TRP 230 or Permission of the Instructor

TRP 418 Senior Design Project I**(DESIGNATED SERVICE-LEARNING COURSE)****credit 1 hr.**

Planning, design, construction and/or management of an engineering project that handles contemporary engineering problems under the supervision of one or more faculty members. The course allows the student to apply the knowledge attained from the various courses of the undergraduate program to

prepare the proper approach of solution to his or her project problem. One lecture per week. Prerequisite: Graduating Senior.

TRP 428 Senior Design Project II **credit 2 hrs.**
(DESIGNATED SERVICE-LEARNING COURSE)

Continuation of TRP 418. Students are expected to complete their chosen design project. It is required that the student submit a well written report and to defend his or her project in front of faculty and students. Two lectures per week. Prerequisite: TRP 418.

TRP 432 Transportation System Environmental Analysis **credit 3 hrs.**

This course will cover the impact and effect of the transportation industries on the environment. Sectors such as the air, bulk haulage, and maritime, commercial and private transportation will be studied in reference to fuel consumption, fuel type, and emissions. Alternative fuel and sustainable transportation will also be discussed. Prerequisite: TRP 230 or Permission of the Instructor.

TRP 433 Application of GIS and GPS in Transportation **credit 3 hrs.**

This course is designed to introduce students to many aspects of a Geographical Information System (GIS) and Global Positioning System (GPS). The course includes basic GPS concepts, spatial data types, modeling, and management in GIS; theory, operation, application of GPS, and use of these technologies to solve transportation problems. Prerequisite: TRP 335 Permission of the Instructor.

TRP 434 Traffic Flow Theory **credit 3 hrs.**

This course explores relations among speed, density, and flow of vehicular traffic; deterministic as well as stochastic models of traffic flow; and applications of traffic flow theory to solution of traffic problems. Prerequisite: TRP 335 or permission of the instructor.

TRP 435 Intelligent Transportation Systems **credit 3 hrs.**

The purpose of this subject is to introduce students to the basic elements of Intelligent Transportation Systems (ITS), focusing on technological, systems and institutional aspects. Topics include advanced traveler information systems; transportation network operations; commercial vehicle operations and intermodal freight; public transportation applications; ITS and regional strategic transportation planning, including regional architectures: ITS and changing transportation institutions, ITS and safety, ITS as a technology deployment program, research, development and business models, ITS and sustainable mobility, travel demand management, electronic toll collection, and ITS and road-pricing. Prerequisite: TRP 230 or Permission of the instructor.

TRP 436 Simulation Studies in Transportation **credit 3 hrs.**

This course covers modeling and simulation principles with applications to transportation engineering. Students will use simulation tools (e.g., VISSIM, Synchro) and conduct studies to address current research issues for transportation systems. It covers modeling approaches with a focus on continuous and discrete simulation, and surveys applications for complex systems across a variety of engineering domains. Prerequisite: TRP 335 or Permission of the instructor.

TRP 437 Traffic Safety **credit 3 hrs.**

The course examines how death, injury and property damage and the public perception of risk detract communities from achieving their goals. The specific issues relate to transportation safety goals, relevant frameworks, and the selection of safety countermeasures and their evaluation in terms of specific criteria. We will discuss the emerging concepts in safety such as "Safe Communities" and Intelligent Transportation Systems (ITS) countermeasures. Prerequisite: TRP 335 or Permission of the Instructor.

TRP 438 Freight Logistics **credit 3 hrs.**

In today's business environment, the creation of customer value is a key driver of competitive advantage. At the enterprise level, the design of the value chain is intimately linked with the management of a supply chain. An effective supply chain must be configured to deliver customer value while also maintaining crucial cost advantages. To minimize system-wide costs, firms increasingly rely on new tools for modeling the full supply chain to integrate the firm's logistics and operations. Prerequisite: TRP 230 or Permission of the instructor.

EC 431 Urban Economics **credit 3 hrs.**

This course reinforces the microeconomic tools necessary for understanding, analyzing, and managing transportation firms and industries. The subjects covered will include costs, pricing behavior, inter-modal competition, and strategic decision making.

Prerequisite: EC 130 or Permission of the Instructor.

MGT 435 Advanced Logistics

credit 3 hrs.

This course will offer in-depth analytical tools for supply chain management, including linear programming, manufacturing procedures, network analysis, inventory management, location theory, etc. The course will comprise computer applications, case studies and seminars. Prerequisites: TRP Fseight Logistics, MGT 331 or Permission of the Instructor.

PHYSICS COURSES

PHYS 140 General Earth Science

credit 4 hrs.

This course is an introductory survey of the earth and its environment for the non-science major. Subjects include physical and historical geology, meteorology, oceanography, planet earth, and the solar system. Prerequisite: None.

PHYS 131 General Physical Science

credit 3hrs.

General Physical Science is an integrated basic survey of the physical sciences including physics, chemistry, geology, astronomy and meteorology for the non-science major. Prerequisite: None.

PHYS 111L General Physical Science Lab

credit 1 hr.

In this Lab. students perform introductory level experiments in physics, chemistry and geology

PHYS 231 General Physics I

credit 3 hrs.

This course covers the fundamentals of physics including mechanics, waves, and heat. Prerequisites: MATH 140.

PHYS 211L General Physics I Lab.

credit 1 hr.

Students perform experiments in fundamentals of physics including mechanics, waves and thermal physics. Co-requisite: PHYS 231

PHYS 232 General Physics II

credit 3 hrs.

A continuation of general physics I. The course covers electricity, magnetism, light, and an introduction to modern physics. Prerequisite: PHYS 231.

PHYS 212 General Physics II Lab

credit 1 hr.

Students perform experiments in electricity, magnetism, and light. Co-requisite: PHYS 232.

PHYS 233 Principles of Physics

credit 3 hrs.

(SERVICE –LEARNING REQUIREMENT)

This is a Calculus based introduction to principles of mechanics, wave motion, and thermal physics. Prerequisite: MATH 143.

PHYS 213 Principles of Physics I Lab

credit 1 hr.

Students perform experiments in mechanics, waves, and thermal physics. Co-requisite: PHYS 233.

PHYS 234 Principles of Physics II

credit 3 hrs.

(DESIGNATED SERVICE-LEARNING COURSE)

A continuation of Principles of Physics, topics covered includes electricity and magnetism, light and optics. Prerequisite: PHYS 233.

PHYS 214 Principles of Physics II Lab

credit 1 hr.

Students perform experiments in electricity, magnetism, light and optics. Co-requisite: PHYS 234.

PHYS 331 Statics

credit 3 hrs.

This course covers the principles of statics including vector calculus, distributed forces, equilibrium of rigid bodies, trusses, Frames, beams, and various types of Fiction. Prerequisites: Math 143; Co-requisite: PHYS 243.

PHYS 332 Dynamics

credit 3 hrs.

This course covers the principles of dynamics, including particles dynamics, work and energy, harmonic motion, systems of particles, moving coordinate systems, and rigid body motion. Prerequisites MATH 143; Co-requisite: PHYS 233.

PHYS 333 Principles of Physics III

credit 3 hrs.

This is an introduction to modern physics including relativity, quantum theory, atomic, nuclear and solid state physics. Prerequisites: PHYS 234.

PHYS 334 Thermal Physics

credit 3 hrs.

(DESIGNATED SERVICE-LEARNING COURSE)

This course covers thermodynamic processes, the first and second laws, enthalpy, entropy, Carnot cycle, principles of equilibrium, thermodynamic potential, kinetic theory and introductory statistical mechanics. Prerequisites: PHYS 233.

PHYS 335 Analytical Mechanics**credit 3 hrs.**

This course covers Newton's laws of motion applied to particle dynamics, systems of particles, and rigid bodies. Introduction to Lagrange's equations, tensor algebra, and analytical techniques such as approximations, expansions, and dimensional analysis. Prerequisite: PHYS 233, Co-requisite: MATH 241.

PHYS 336 Electricity and Magnetism**credit 3 hrs.****(DESIGNATED SERVICE-LEARNING COURSE)**

This is a study of advance treatment of electrostatic fields, dielectrics, steady current, electromagnetic induction, magnetic fields, magnetic materials, electromagnetic waves and Maxwell's equations. Prerequisite: PHYS 234; Co-requisite: MATH 241.

PHYS 337 Radiation Physics**credit 3 hours**

Topics covered include the atomic nucleus, radioactivity, radioactive decay, interaction of radiation with matter, gas, and scintillation counters, and semiconductor detectors. Prerequisites: PHYS 333.

PHYS 338 Modern Electronics**credit 3 hrs.**

This course covers the fundamentals of semiconductor electronics, including D.C. and A. C. circuits' theory, diodes, transistors, other semiconductor devices, amplifier circuits and integrated circuits. Prerequisites: PHYS 234.

PHYS 430 Directed Individual Study**credit 3 hrs.**

Students engage in directed intensive training and research in the areas of their professional interest. Students may also engage in on-the-job training in government agencies or industrial companies. Prerequisite: Permission of the Instructor.

PHYS 431 Modern Physics I**(DESIGNATED SERVICE-LEARNING COURSE)****credit 3 hrs.**

This course covers advance treatment of relativity, quantum effect, and structure of atoms. Prerequisite: PHYS 244.

PHYS 432 Modern Physics II**credit 3 hrs.**

A continuation of Modern Physics I, the course includes nuclear physics, molecular physics, solid state physics, and elementary particles. A senior research paper is required. Prerequisite: PHYS 431.

PHYS 433 Advanced Mechanics**credit 3 hrs.**

This course covers advanced classical mechanics, including generalized coordinates and Lagrangian and Hamiltonian dynamics. Prerequisite: PHYS 335.

PHYS 444 Advanced Modern Physics Laboratory**credit 4 hrs.**

This course covers advanced laboratory experiments, projects, and techniques in modern physics. Prerequisite: PHYS 431.

PHYS 436 Introduction to Quantum Mechanics**credit 3 hrs.**

This course introduces general principles of quantum mechanics, physical operators, wave equation and perturbation theory. Prerequisite: PHYS 431.

PHYS 438 Solid State Physics**credit 3 hrs.**

This course is an introduction to solid state physics, covering crystal structure, band theory, semiconductors, and magnetics. Prerequisite: PHYS 431.

PHYS 435 Optics**credit 3 hrs.**

This course covers geometrical and physical optics, the wave nature of light, lenses and optical instruments, interferometers, gratings, thin films, and polarization. Prerequisite: PHYS 234.

PROGRAM OF STUDY IN PHYSICS

FRESHMAN YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
ENG 131	Analysis & Argumentation	3	ENG 132	Information, Literacy & Research	3
MATH 143	Calculus I	4	MATH 144	Calculus II	4
CSC 135	Introduction to Programming	3	CSC 136	Algorithm Design I	3
ENGR 130	Introduction to Engineering	3	ENGR 132	Engineering Graphics and Design	3
	Health and Wellness	2	HIST 130	Afr. American History	3
STEM 111	The College Experience	1	STEM 112	The College Experience II	1
Total		16	Total		17

SOPHOMORE YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
MATH 237	Differential Equations	3	CHEM 138	Principles of Chemistry II	3
CSC 138	Algorithm Design II	3	CHEM 118L	Principles of Chemistry II Lab	1
CHEM 137	Principles of Chemistry I	3	*PHYS 234	Principles of Physics II	3
CHEM 117L	Principles of Chemistry I Lab	1	*PHYS 214L	Principles of Physics II Lab	1
*PHYS 233	Principles of Physics I	3	MATH 238	Differential Equations II	3
*PHYS 213L	Principles of Physics I Lab	1	ENG 237	Oral Communication	3
STEM 221	Professional Pathways Dev.	2		Global and Intercultural	3
Total		16	Total		17

JUNIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
MATH 241	Calculus III	4	MATH 236	Probability and Statistics	3
*PHYS 331	Statics	3	*PHYS 332	Dynamics	3
*PHYS 333	Principles of Physics III	3	*PHYS 336	Electricity and Magnetism	3
*PHYS 334	Thermal Physics	3	FR/SP/AR 233	Intermediate Foreign Language	3
PHIL 330	Critical Thinking and Logic	3		Global and Intercultural	3
Total		16	Total		15

SENIOR YEAR

<i>First Semester</i>		<i>SCH</i>	<i>Second Semester</i>		<i>SCH</i>
MATH 230	Linear Algebra	3	*PHYS 436	Intro to Quantum Mechanics	3
*PHYS 431	Modern Physics I	3	*PHYS 432	Modern Physics II	3
*PHYS 435	Optics	3	*PHYS 444	Adv. Modern Physics Lab	4
	Elective	6	*PHYS 338	Modern Electronics	3
				Electives	3
Total		15	Total		16

Total SCH 128

SCH in Major* 42

*Major courses require a "C" or better.

CLUBS AND ORGANIZATIONS IN THE COMPUTER SCIENCE, PHYSICS, AND ENGINEERING DEPARTMENT**National Society of Black Engineers (NSBE)**

The Benedict College Chapter of the National Society of Black Engineers (NSBE) supports the organization's national mission of increasing the number of culturally responsible Black engineers who excel academically, succeed professionally and positively impact the community. Student member opportunities include leadership development; participation in special events, projects and presentations; and regional and national networking and conference attendance.

Society of Women Engineers (SWE)

The mission of SWE is to "empower women to achieve full potential in careers as engineers and leaders, expand the image of the engineering profession as a positive force in improving the quality of life, and demonstrate the value of diversity." The department's chapter focuses on providing opportunities for female engineering students to network, build their resumes, and support each other in their engineering studies.

MATHEMATICS AND COMPUTER SCIENCE CLUB

The Mathematics and Computer Science Club provides opportunities for students majoring in these two disciplines to participate in seminars, field trips and other enrichment activities. Students in the club also provide tutoring for high school students, as well as college students who need help in mathematics and computer science.

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